

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013120\
 Data File : VX014779.D
 Acq On : 31 Jan 2020 13:08
 Operator : JC/SP
 Sample : VX0131WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

Manual Integrations
 APPROVED

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 2/4/2020 3:35:56 PM

Quant Time: Jan 31 15:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	458629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	671579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	609059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	253399	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	5.48	113	210119	49.58	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	8.71	98	807388	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	283633	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	108544	17.976	ug/l	99
3) Chloromethane	1.32	50	107084	17.259	ug/l	98
4) Vinyl Chloride	1.40	62	121993	18.185	ug/l	99
5) Bromomethane	1.63	94	71868	15.772	ug/l	98
6) Chloroethane	1.72	64	70408	17.443	ug/l	98
7) Trichlorofluoromethane	1.92	101	142690	18.267	ug/l	100
8) Diethyl Ether	2.18	74	61223	17.957	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87678	19.121	ug/l	99
10) Methyl Iodide	2.50	142	107831	17.921	ug/l	99
11) Tert butyl alcohol	3.02	59	92795	77.174	ug/l	96
12) 1,1-Dichloroethene	2.37	96	80835	17.730	ug/l	95
13) Acrolein	2.28	56	58276	61.468	ug/l	96
14) Allyl chloride	2.72	41	147155	17.957	ug/l	98
15) Acrylonitrile	3.12	53	237782	85.468	ug/l	100
16) Acetone	2.43	43	255586	87.172	ug/l	99
17) Carbon Disulfide	2.56	76	205744	16.511	ug/l	100
18) Methyl Acetate	2.76	43	145983	17.423	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	272400	18.241	ug/l	98
20) Methylene Chloride	2.85	84	96065	17.687	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	87562	17.443	ug/l	96
22) Diisopropyl ether	3.84	45	304295	18.664	ug/l	93
23) Vinyl Acetate	3.80	43	1149224	92.467	ug/l	99
24) 1,1-Dichloroethane	3.69	63	162159	18.314	ug/l	98
25) 2-Butanone	4.65	43	347303	82.582	ug/l	99
26) 2,2-Dichloropropane	4.57	77	135427	19.109	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	100873	17.954	ug/l	98
28) Bromochloromethane	5.00	49	64458	16.566	ug/l	99
29) Tetrahydrofuran	5.11	42	207206	83.013	ug/l	98
30) Chloroform	5.20	83	159650	18.202	ug/l	94
31) Cyclohexane	5.57	56	148402	17.820	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	137299	18.519	ug/l	97
36) 1,1-Dichloropropene	5.79	75	119868	19.209	ug/l	100
37) Ethyl Acetate	4.81	43	128351	17.958	ug/l	99
38) Carbon Tetrachloride	5.77	117	115652	19.406	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	150105	19.201	ug/l	98
40) Benzene	6.13	78	361457	18.747	ug/l	99
41) Methacrylonitrile	5.02	41	70484	17.118	ug/l	96
42) 1,2-Dichloroethane	6.18	62	129954	19.518	ug/l	98
43) Isopropyl Acetate	6.43	43	209415	17.893	ug/l	100
44) Trichloroethene	7.20	130	100074	18.375	ug/l	90
45) 1,2-Dichloropropane	7.50	63	96363	19.400	ug/l	99
46) Dibromomethane	7.65	93	61013	18.965	ug/l	96
47) Bromodichloromethane	7.89	83	121713	19.290	ug/l	98
48) Methyl methacrylate	7.76	41	101586	18.166	ug/l	96
49) 1,4-Dioxane	7.73	88	41673	351.556	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	660528	89.418	ug/l	100
52) Toluene	8.78	92	227967	19.234	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	131555	19.363	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148665	19.890	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95988	19.781	ug/l	97
56) Ethyl methacrylate	9.17	69	139982	18.193	ug/l	100
57) 1,3-Dichloropropane	9.36	76	157143	18.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	239139	97.991	ug/l	100
59) 2-Hexanone	9.48	43	501590	87.505	ug/l	99
60) Dibromochloromethane	9.57	129	97891	19.327	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96483	18.805	ug/l	99
64) Tetrachloroethene	9.33	164	107652	17.856	ug/l	97
65) Chlorobenzene	10.14	112	245509	18.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	92246	19.205	ug/l	99
67) Ethyl Benzene	10.25	91	431093	19.380	ug/l	100
68) m/p-Xylenes	10.36	106	331527	39.340	ug/l	98
69) o-Xylene	10.70	106	155601	19.126	ug/l	100
70) Styrene	10.71	104	271276	19.878	ug/l	99
71) Bromoform	10.85	173	71314	18.670	ug/l #	99
73) Isopropylbenzene	11.01	105	430587	19.810	ug/l	100
74) N-amyl acetate	10.89	43	174736	18.345	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137770	17.752	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	116637m	16.217	ug/l	
77) Bromobenzene	11.25	156	112065	19.191	ug/l	97
78) n-propylbenzene	11.35	91	484023	19.618	ug/l	99
79) 2-Chlorotoluene	11.42	91	286842	19.215	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	358829	19.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42496	16.815	ug/l	94
82) 4-Chlorotoluene	11.51	91	335572	19.745	ug/l	99
83) tert-Butylbenzene	11.76	119	337953	19.936	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	358037	19.787	ug/l	99
85) sec-Butylbenzene	11.94	105	412249	19.851	ug/l	99
86) p-Isopropyltoluene	12.06	119	379985	19.799	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	201322	19.184	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	199462	18.975	ug/l	99
89) n-Butylbenzene	12.38	91	323920	19.379	ug/l	99
90) Hexachloroethane	12.59	117	66859	18.755	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	197734	18.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28747	17.241	ug/l	96

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ClientSampleId :
VX0131WBSD02

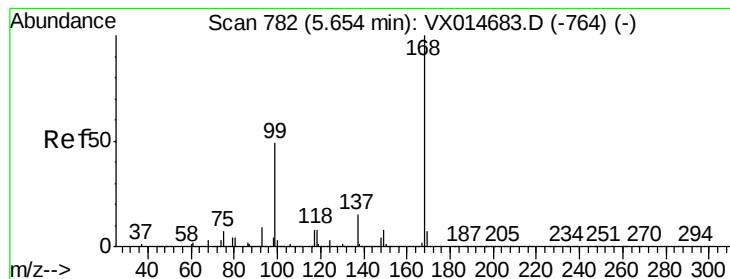
Manual Integrations
APPROVED

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2/4/2020 3:35:56 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131356	19.548	ug/l	99
94) Hexachlorobutadiene	13.78	225	68813	19.896	ug/l	98
95) Naphthalene	13.83	128	368814	17.634	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133950	19.714	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: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion:168 Resp: 458629

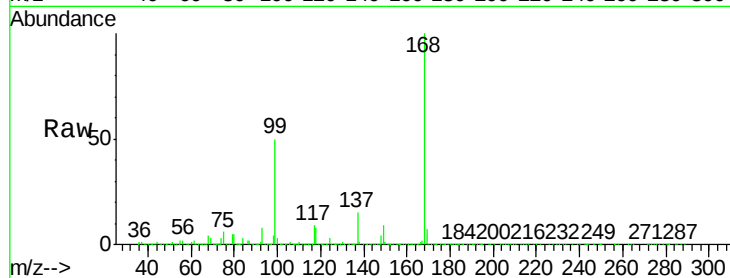
Ion Ratio Lower Upper

168 100

99 49.9 39.8 59.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

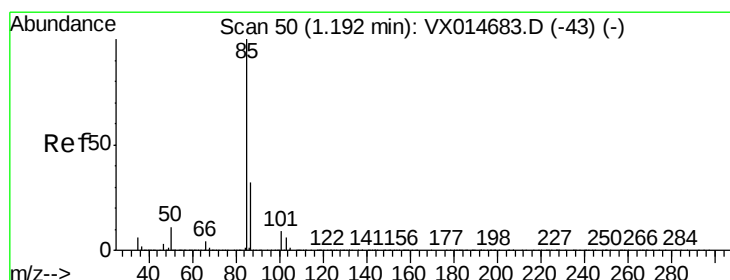
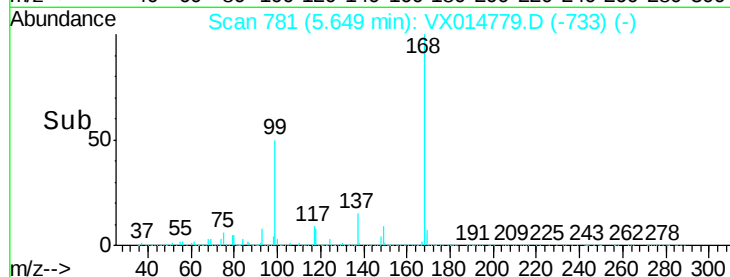
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.976 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014779.D

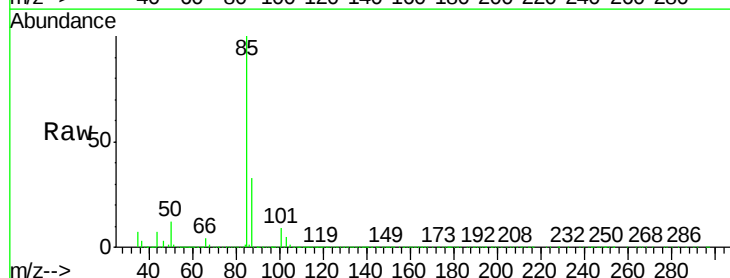
Acq: 31 Jan 2020 13:08

Tgt Ion: 85 Resp: 108544

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

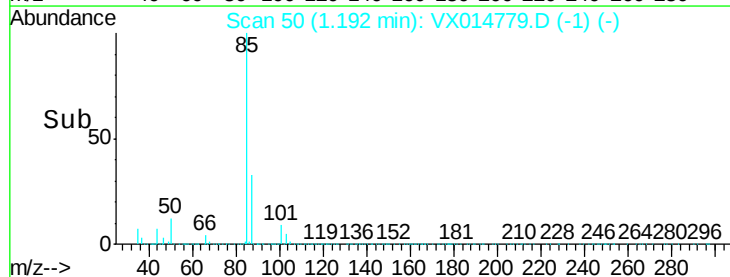
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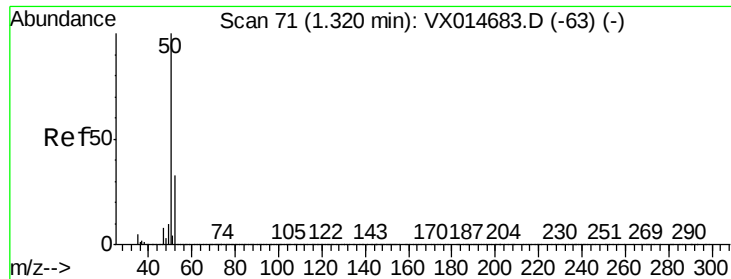
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Time-->

1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 17.259 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion: 50 Resp: 107084

Ion Ratio Lower Upper

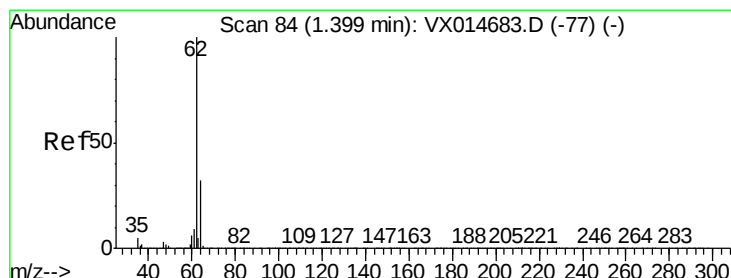
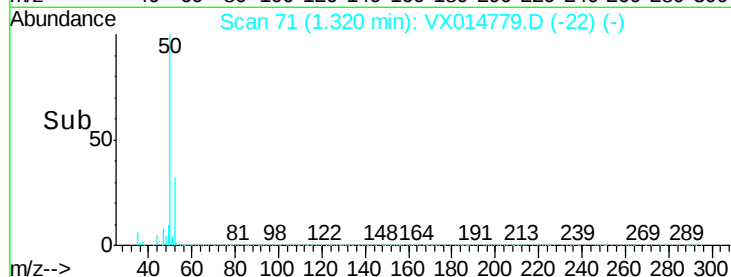
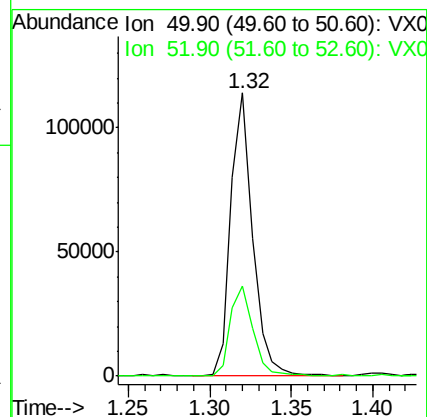
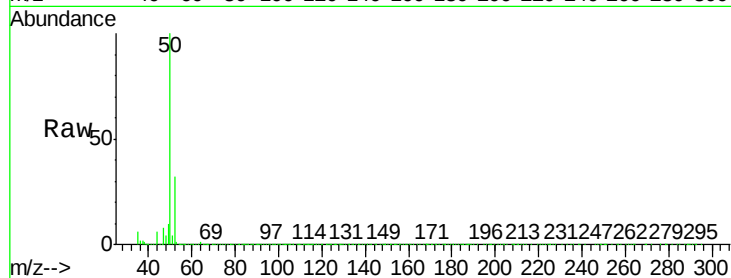
50 100

52 31.7 26.2 39.2

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#4

Vinyl Chloride

Concen: 18.185 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014779.D

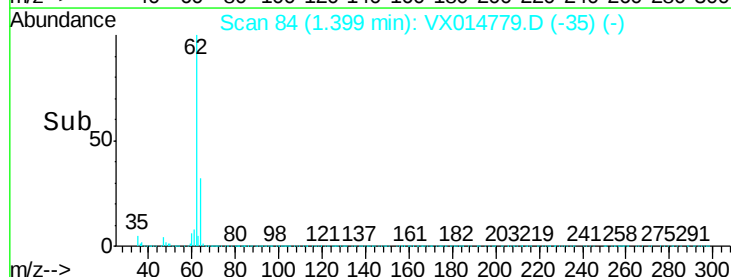
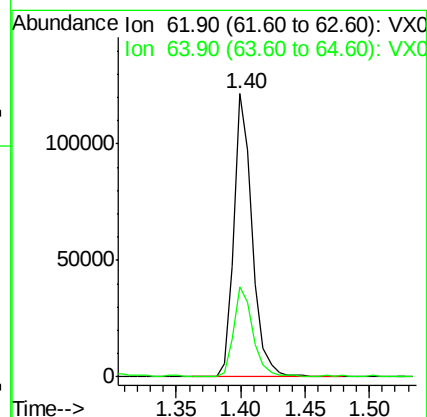
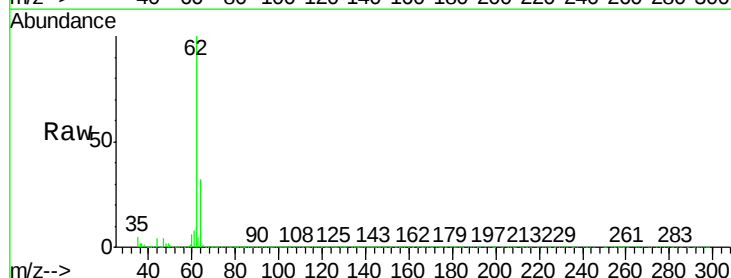
Acq: 31 Jan 2020 13:08

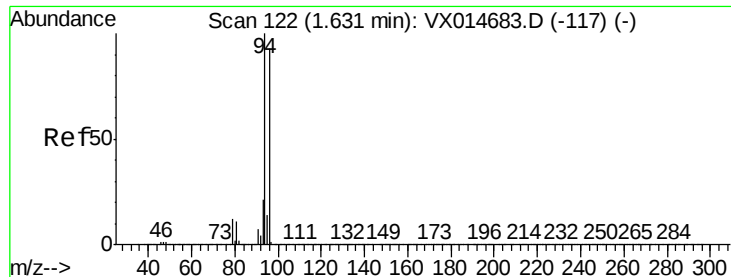
Tgt Ion: 62 Resp: 121993

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 15.772 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion: 94 Resp: 71868

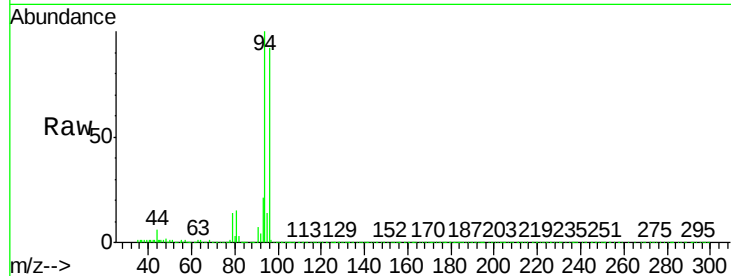
Ion Ratio Lower Upper

94 100

96 91.9 74.7 112.1

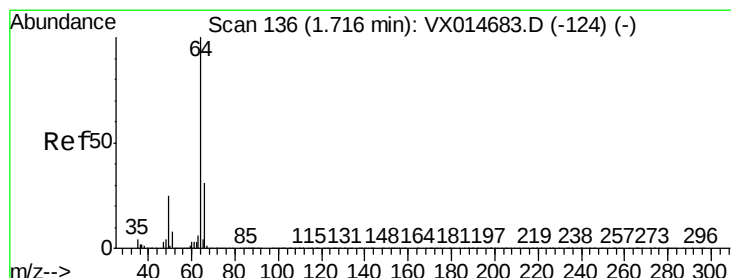
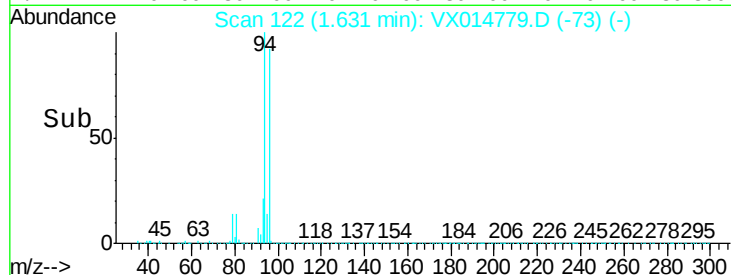
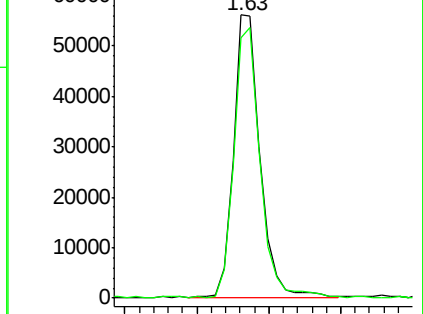
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.443 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014779.D

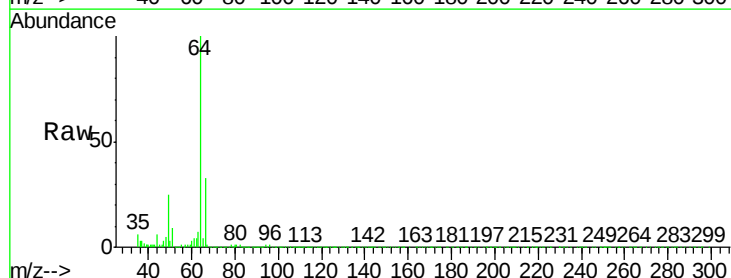
Acq: 31 Jan 2020 13:08

Tgt Ion: 64 Resp: 70408

Ion Ratio Lower Upper

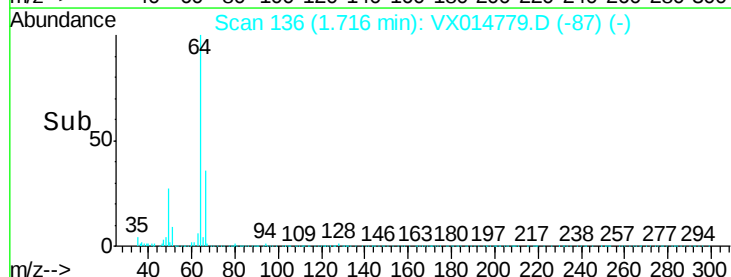
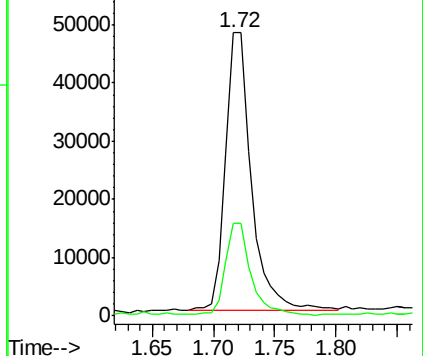
64 100

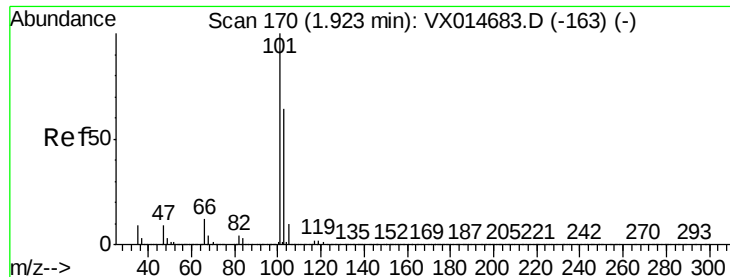
66 32.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

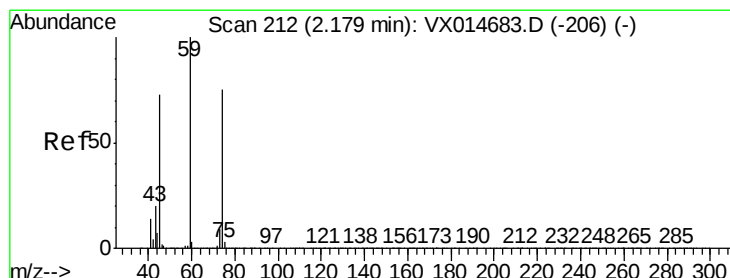
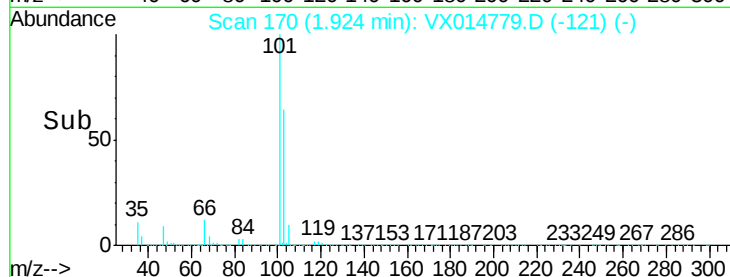
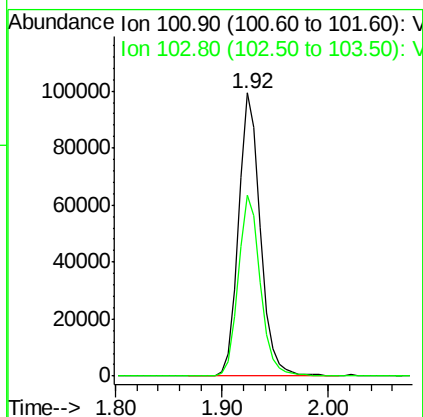
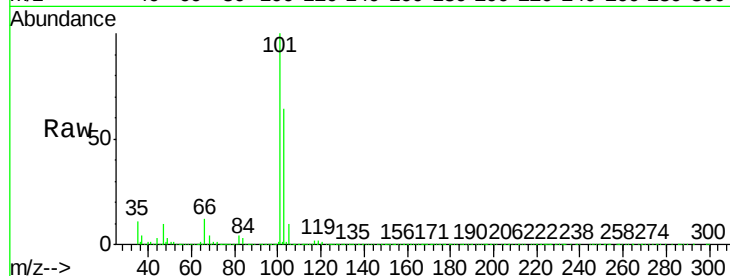
Trichlorofluoromethane
Concen: 18.267 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014779.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	142690		
103	63.8	51.0	76.6	

Manual Integrations
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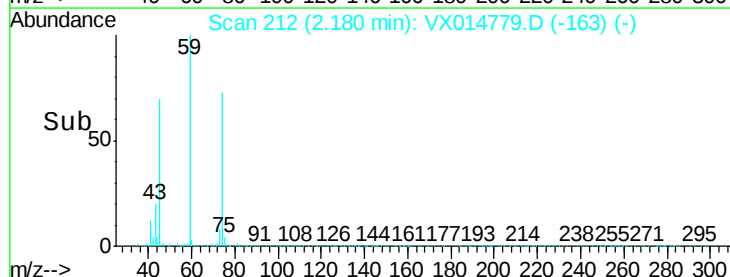
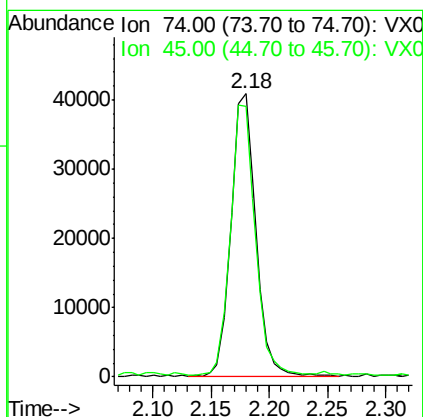
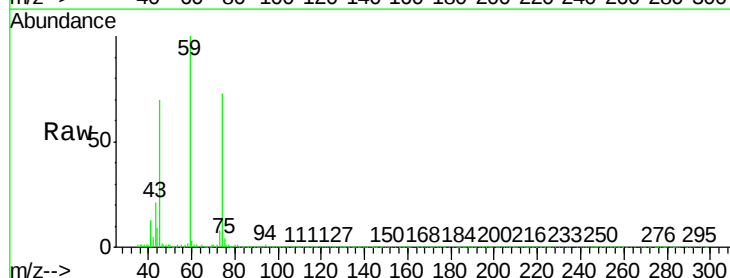
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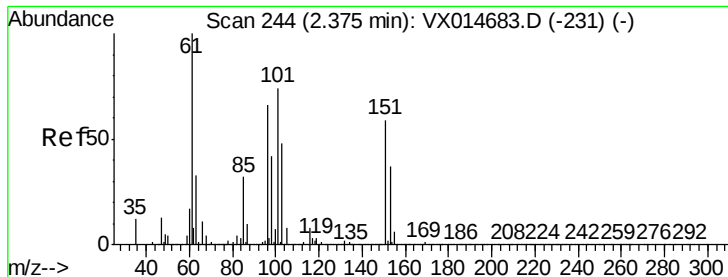


#8

Diethyl Ether
Concen: 17.957 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	61223		
45	94.2	49.4	148.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.121 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

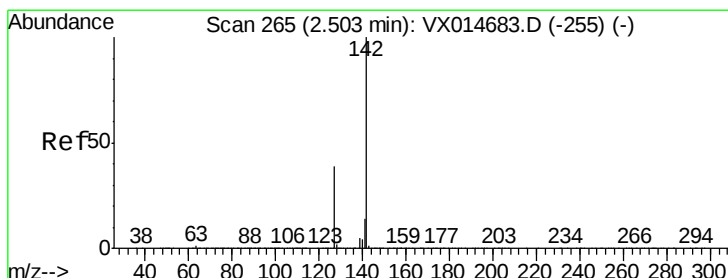
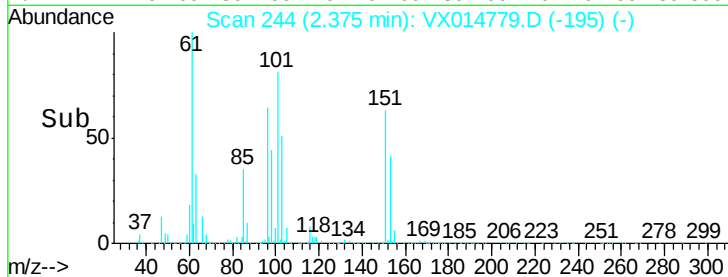
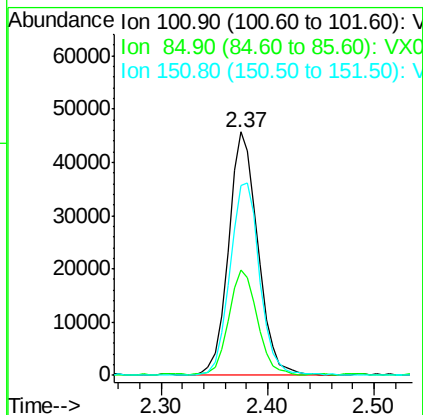
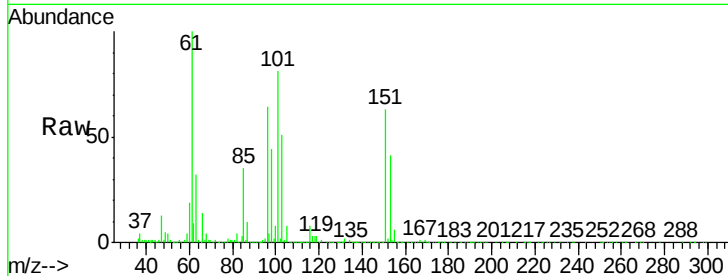
ClientSampleId :

VX0131WBSD02

Tot Ion:	101	Resp:	87678
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.7	52.1
151	81.3	64.7	97.1

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#10

Methyl Iodide

Concen: 17.921 ug/l

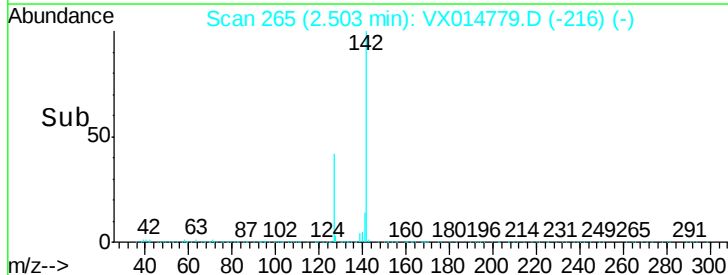
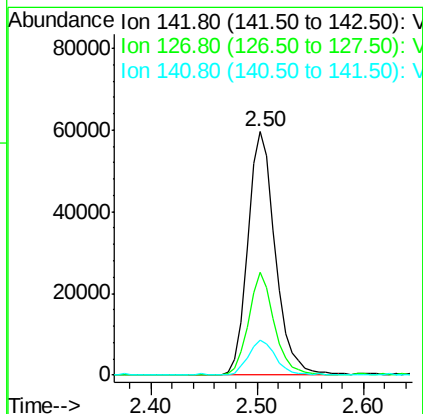
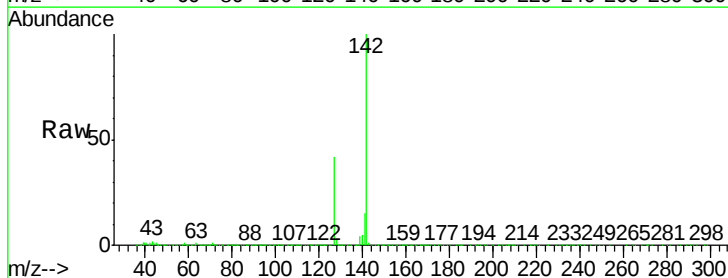
RT: 2.50 min Scan# 265

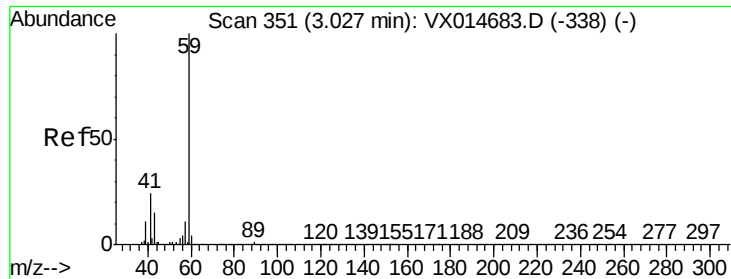
Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Tgt Ion:	142	Resp:	107831
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.1	46.7
141	14.7	11.3	16.9





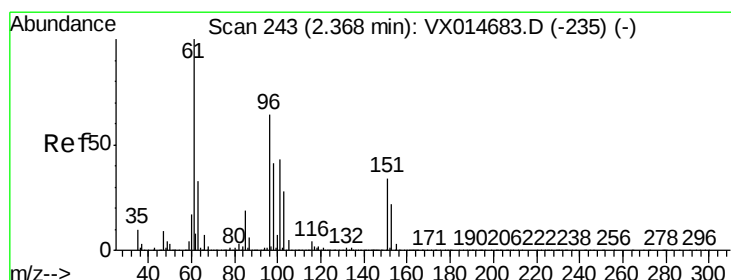
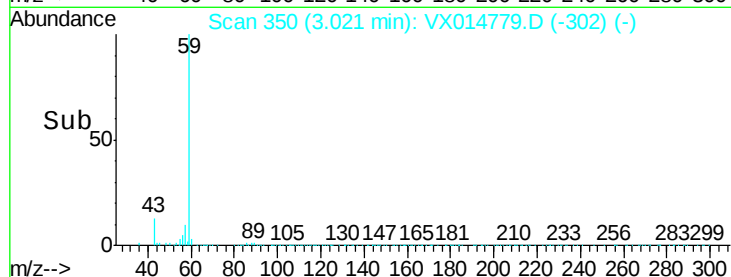
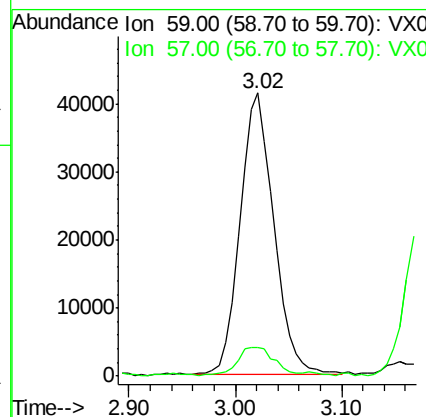
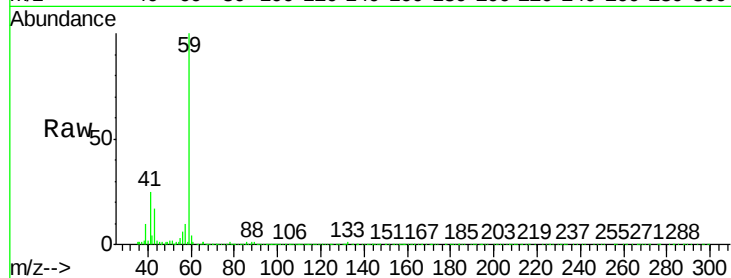
#11
Tert butyl alcohol
Concen: 77.174 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.1	8.3	12.5

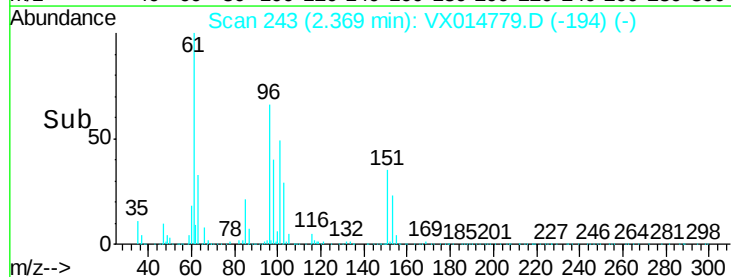
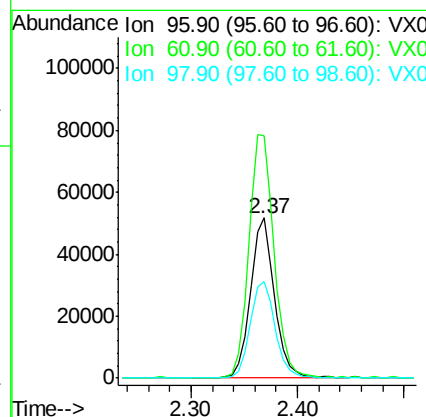
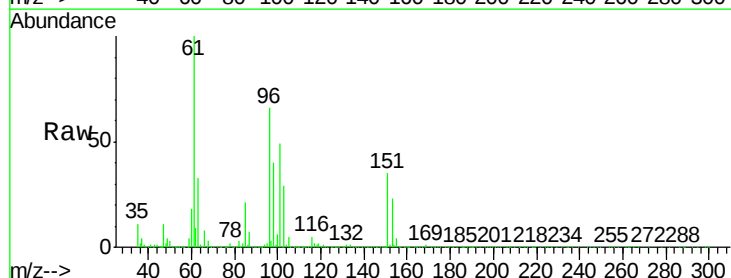
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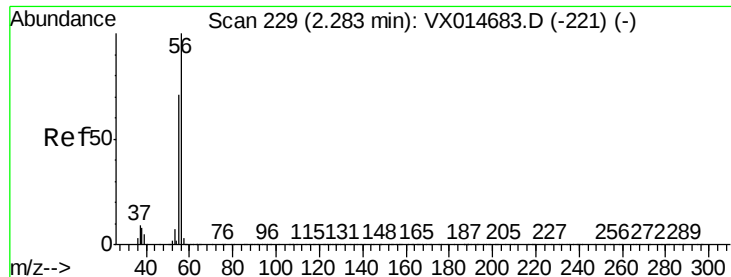
MMDadoda
2/4/2020 3:35:56 PM



#12
1,1-Dichloroethene
Concen: 17.730 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	125.8	188.8
98	60.1	51.5	77.3





#13

Acrolein

Concen: 61.468 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion: 56 Resp: 58276

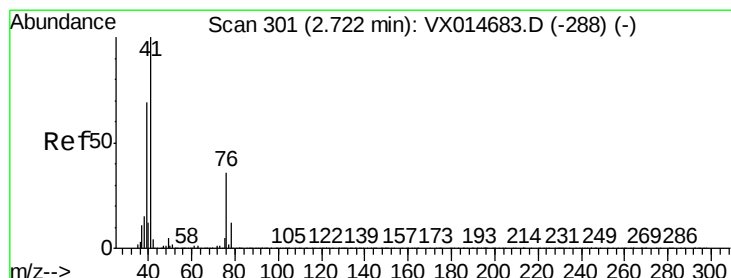
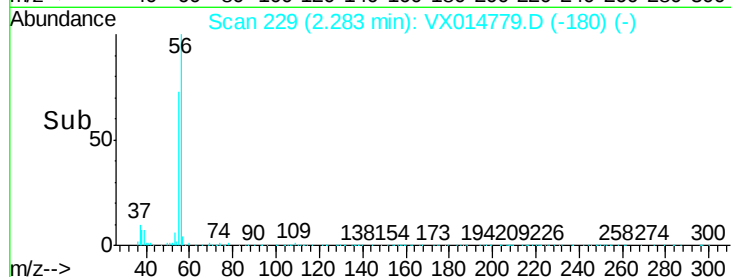
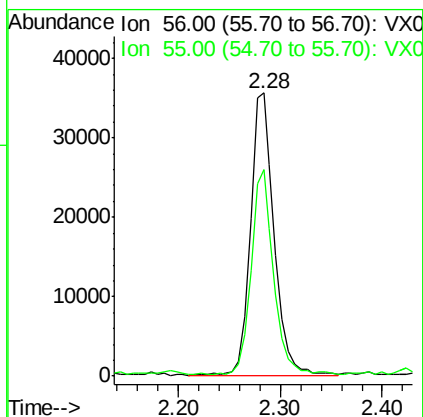
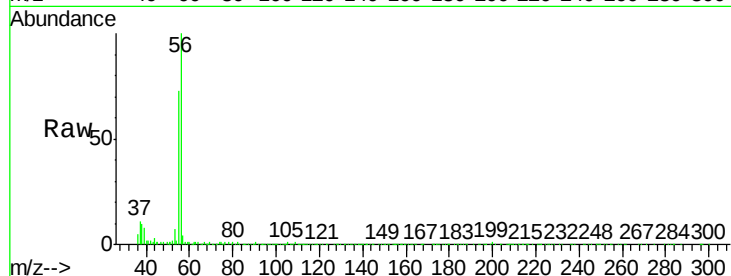
Ion Ratio Lower Upper

56 100

55 67.0 56.6 84.8

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#14

Allyl chloride

Concen: 17.957 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

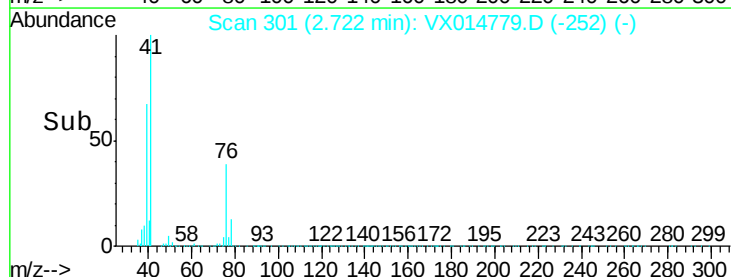
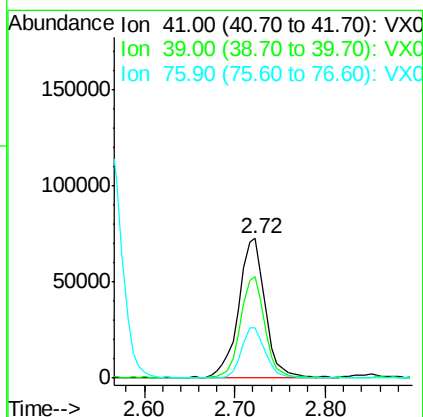
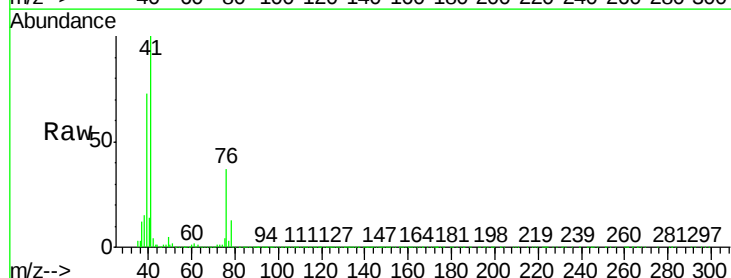
Tgt Ion: 41 Resp: 147155

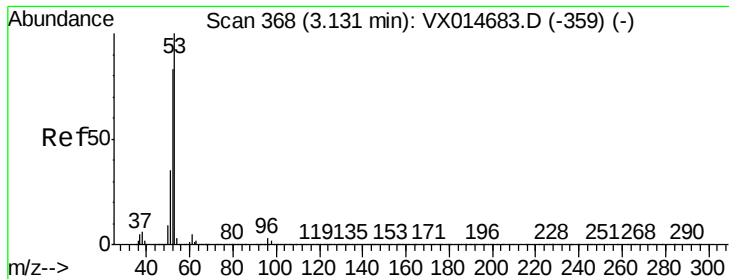
Ion Ratio Lower Upper

41 100

39 67.4 52.0 78.0

76 32.1 26.0 39.0





#15

Acrylonitrile

Concen: 85.468 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

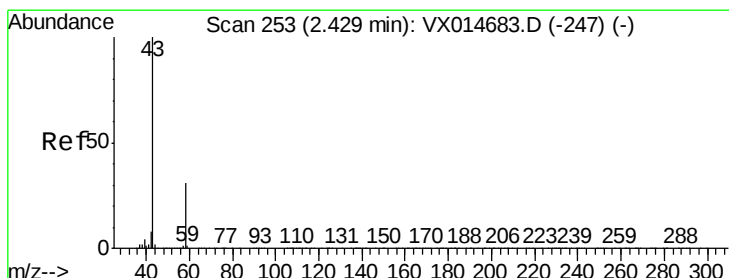
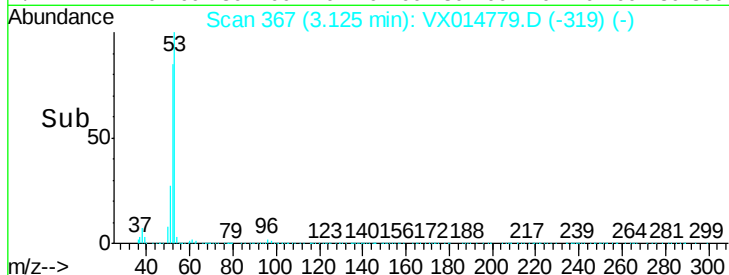
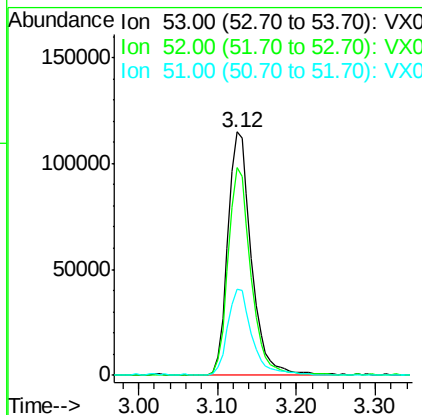
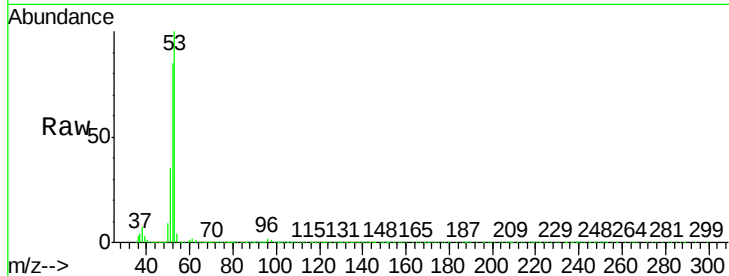
ClientSampleId :

VX0131WBSD02

Tot Ion:	53	Resp:	237782
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.4	99.6
51	36.3	28.7	43.1

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#16

Acetone

Concen: 87.172 ug/l

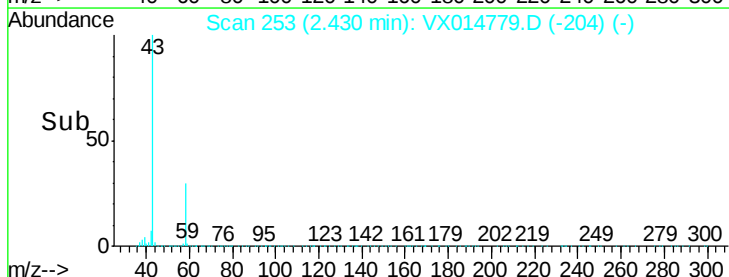
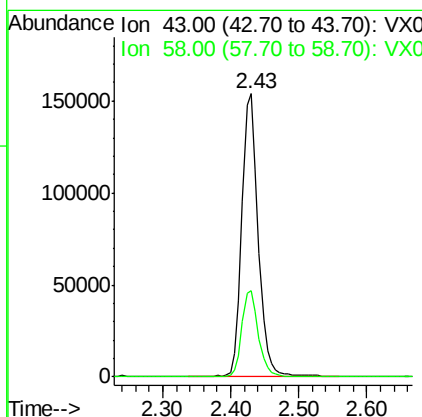
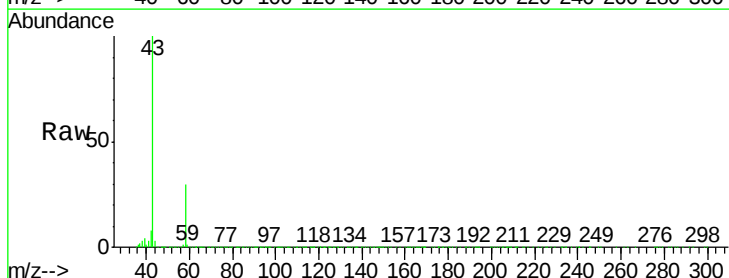
RT: 2.43 min Scan# 253

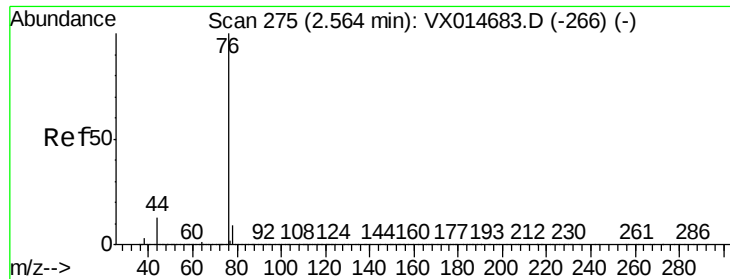
Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Tgt Ion:	43	Resp:	255586
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.5	36.7





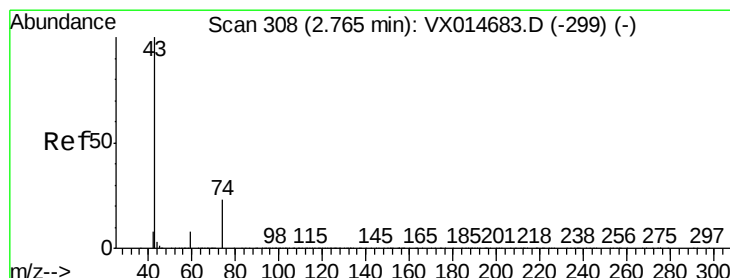
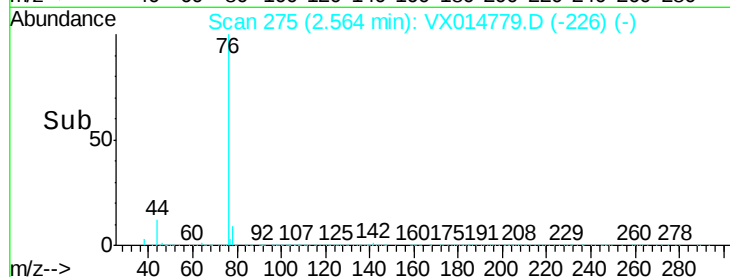
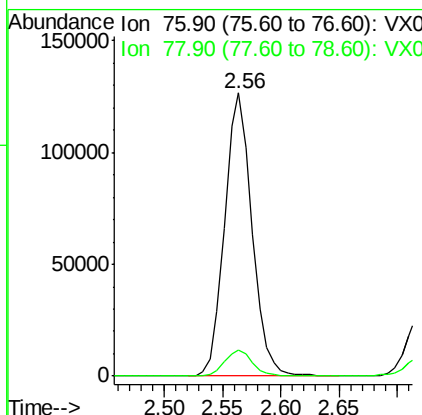
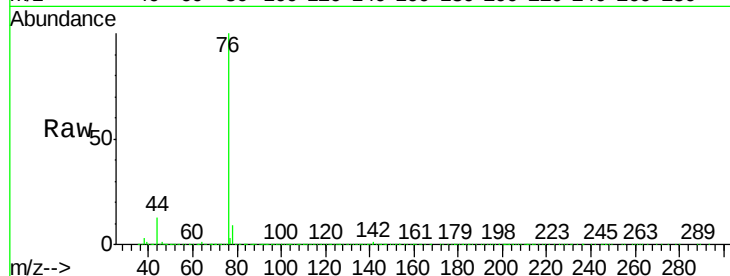
#17
Carbon Disulfide
Concen: 16.511 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

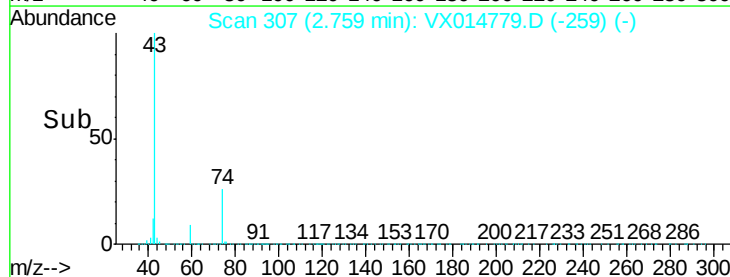
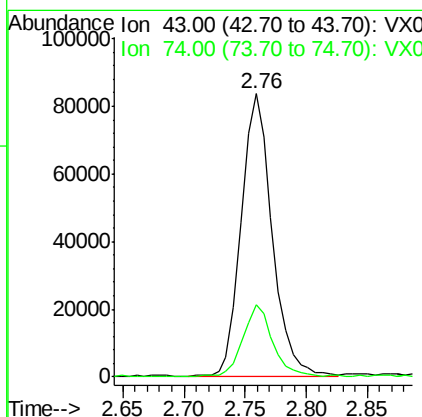
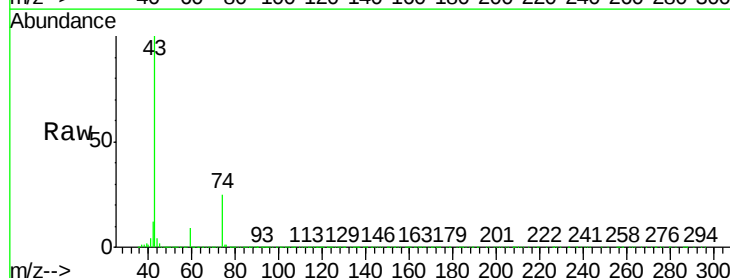
Manual Integrations
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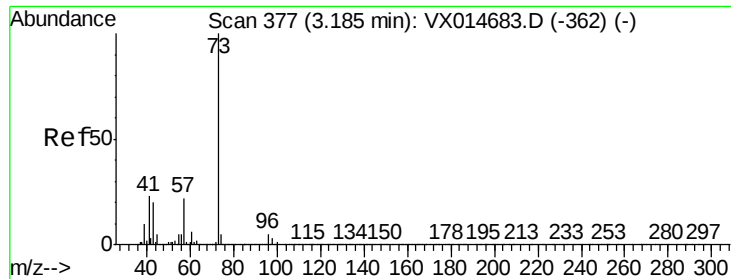
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#18
Methyl Acetate
Concen: 17.423 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.5	27.7





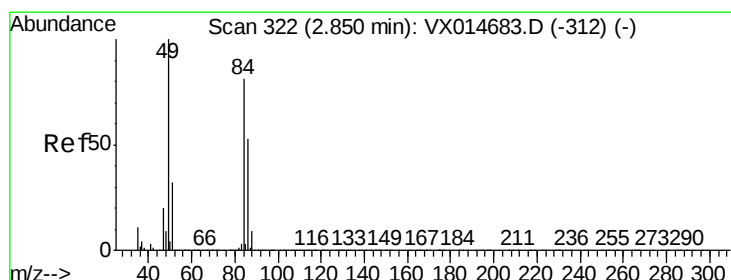
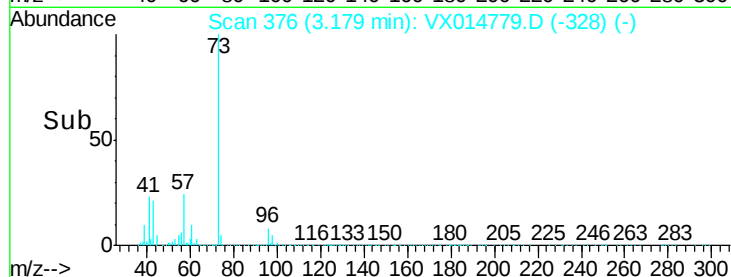
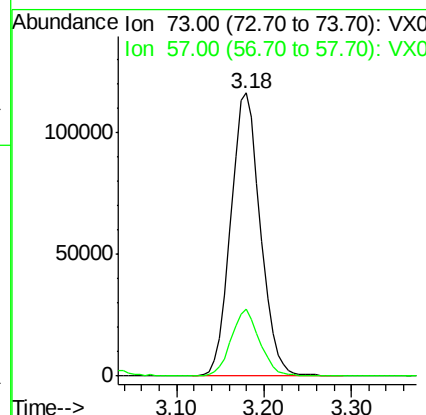
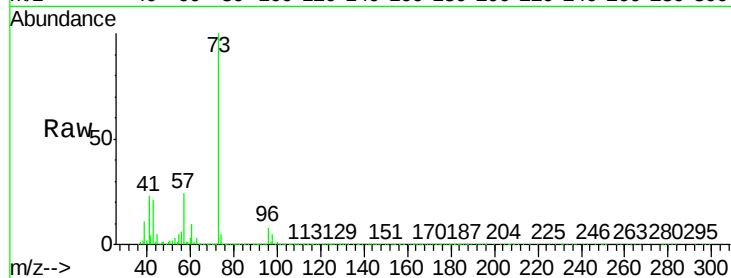
#19
Methyl tert-butyl Ether
Concen: 18.241 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleID :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.0	27.0

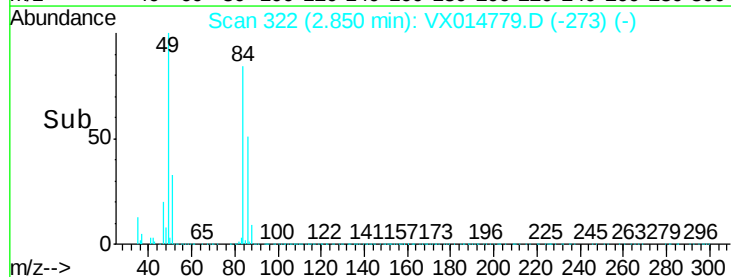
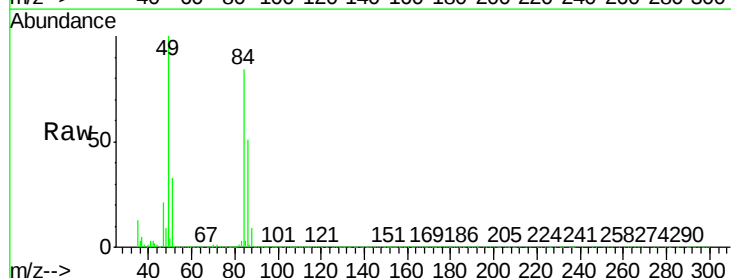
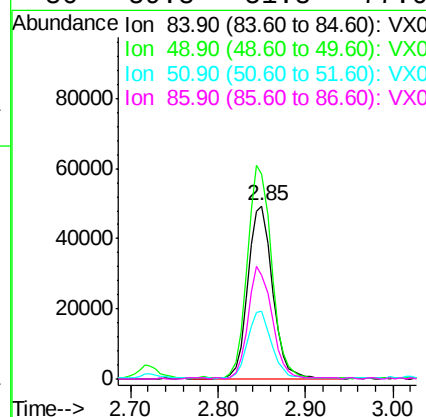
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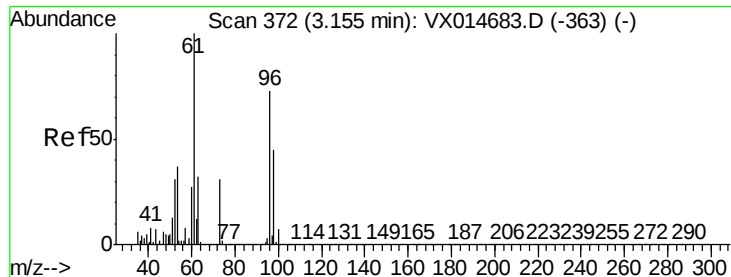
MMDadoda
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#20
Methylene Chloride
Concen: 17.687 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.1	98.2	147.4
51	39.4	31.3	46.9
86	59.8	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.443 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

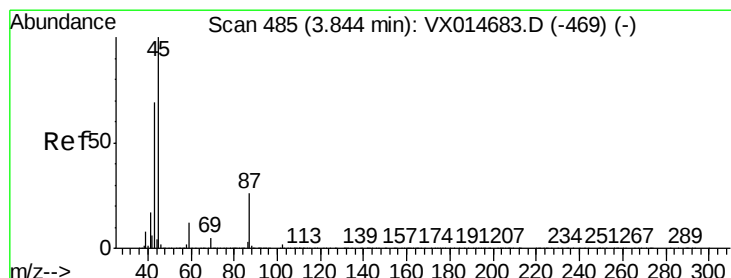
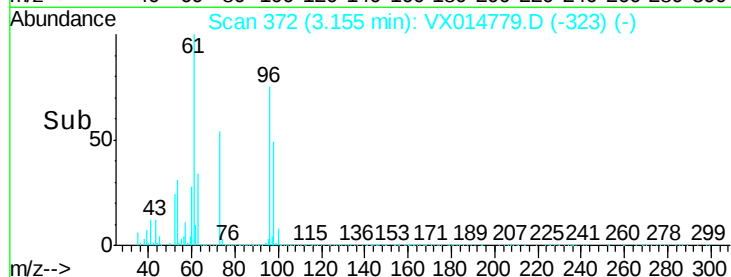
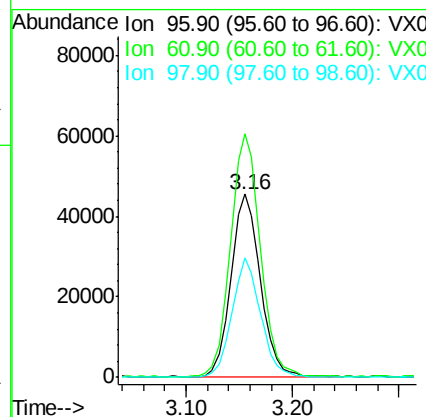
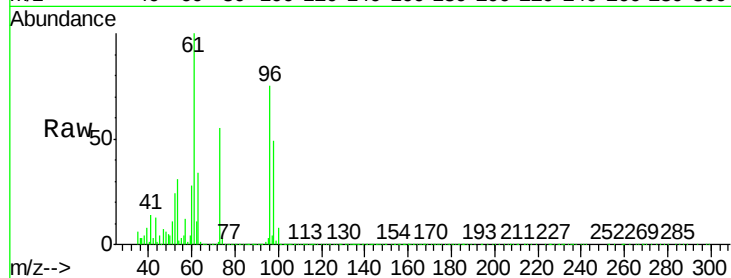
ClientSampleId :

VX0131WBSD02

Tot Ion:	96	Resp:	87562
Ion	Ratio	Lower	Upper
96	100		
61	132.5	109.8	164.6
98	65.1	49.6	74.4

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#22

Diisopropyl ether

Concen: 18.664 ug/l

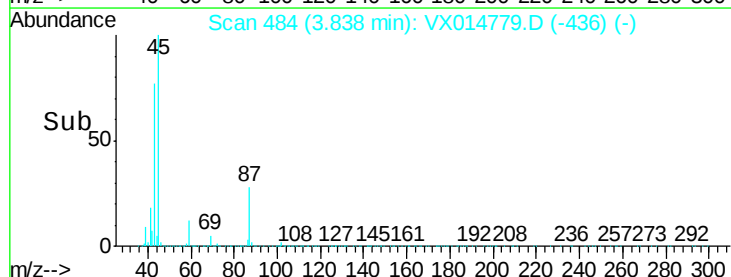
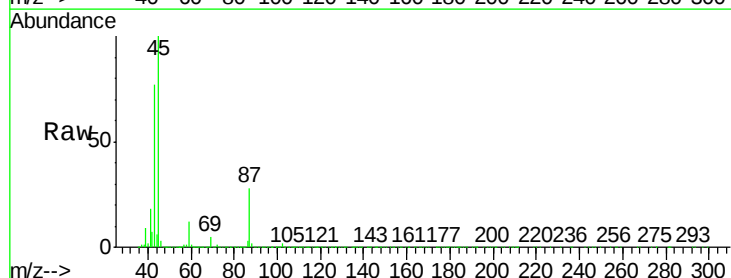
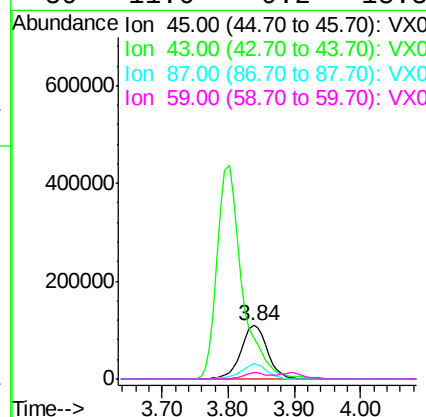
RT: 3.84 min Scan# 484

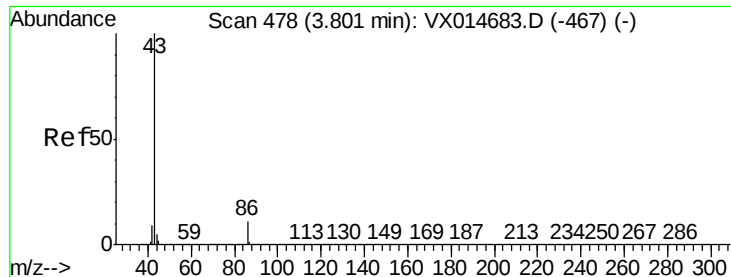
Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Tgt Ion:	45	Resp:	304295
Ion	Ratio	Lower	Upper
45	100		
43	76.3	55.1	82.7
87	27.9	20.7	31.1
59	11.6	9.2	13.8





#23

Vinyl Acetate

Concen: 92.467 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleID :

VX0131WBSD02

Tot Ion: 43 Resp: 1149224

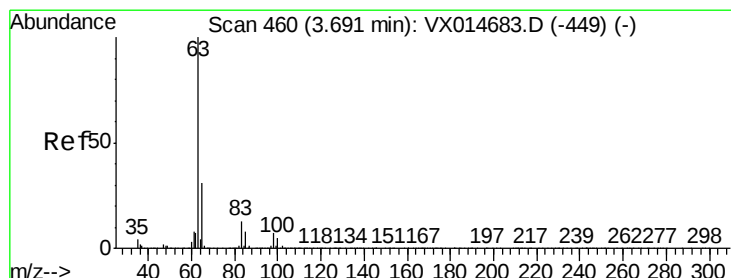
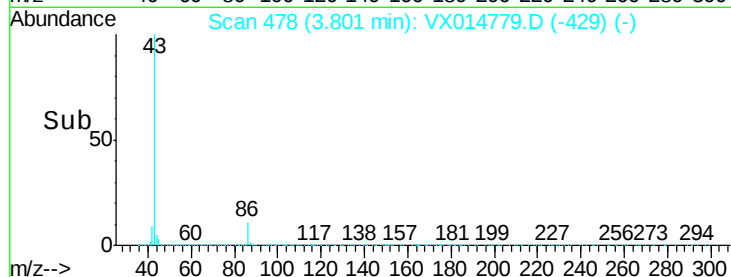
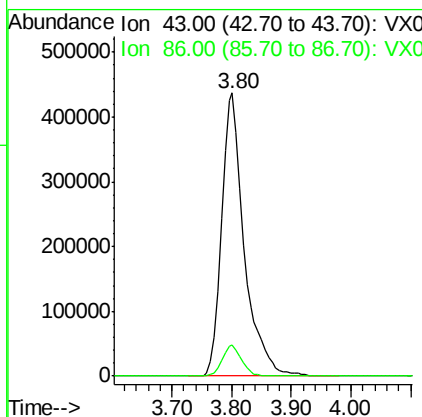
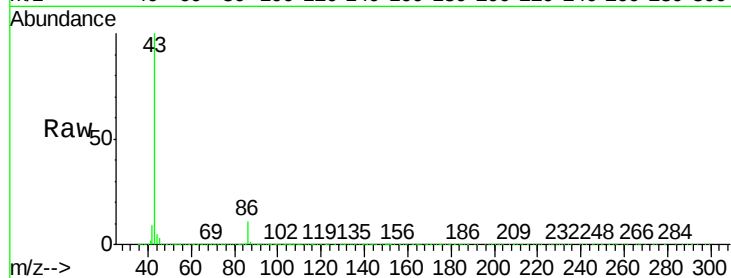
Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 18.314 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

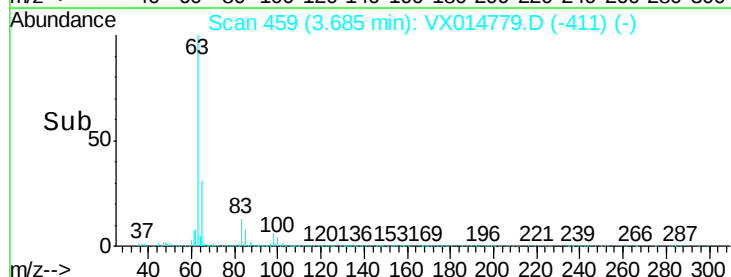
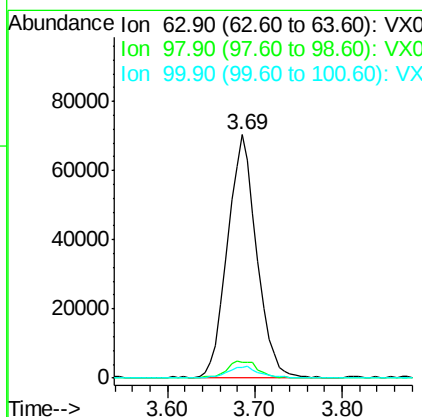
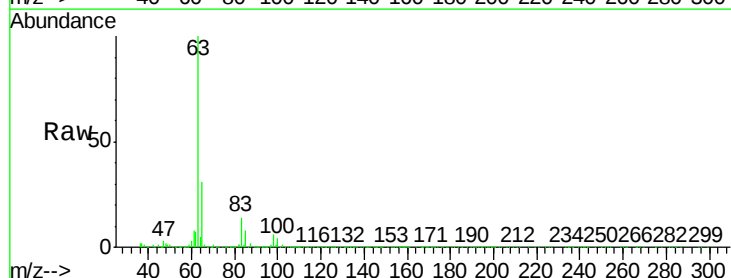
Tgt Ion: 63 Resp: 162159

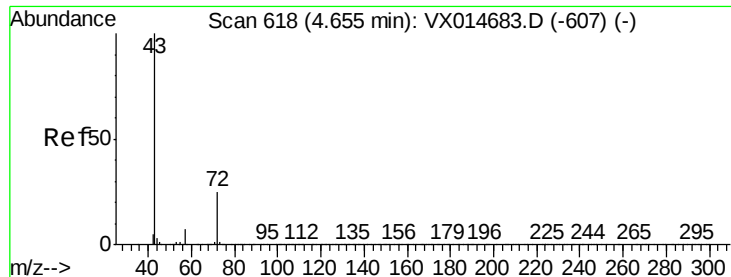
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.0 2.2 6.6





#25

2-Butanone

Concen: 82.582 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014779.D

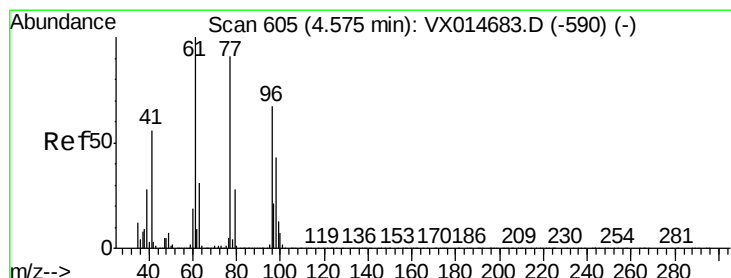
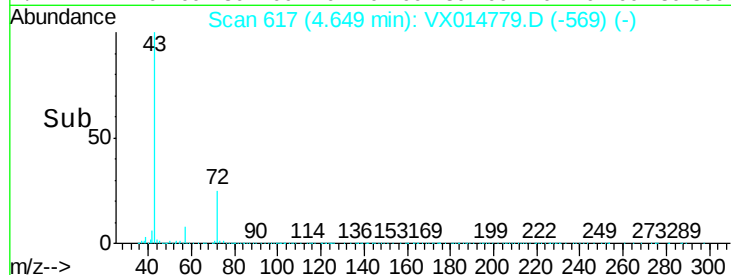
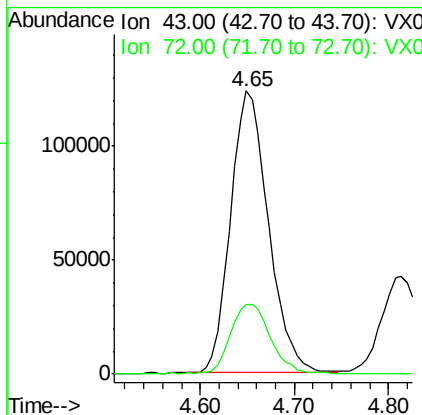
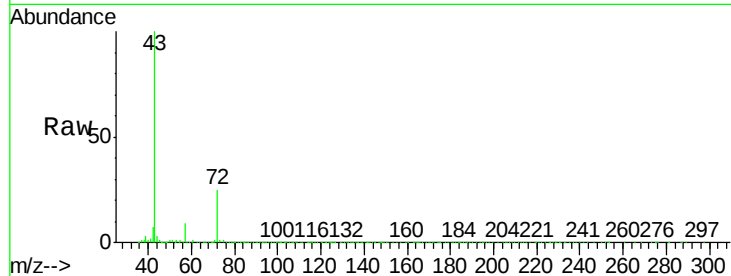
Acq: 31 Jan 2020 13:08

Tot Ion:	43	Resp:	347303
Ion Ratio	Lower	Upper	
43	100		
72	24.5	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.109 ug/l

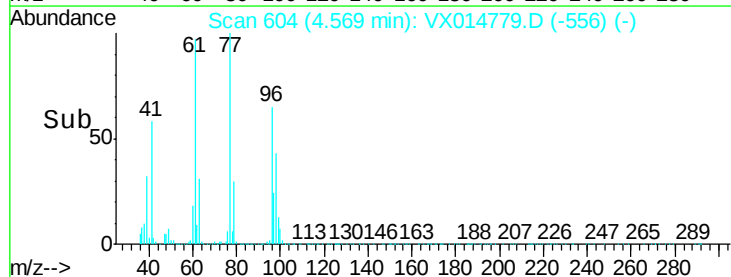
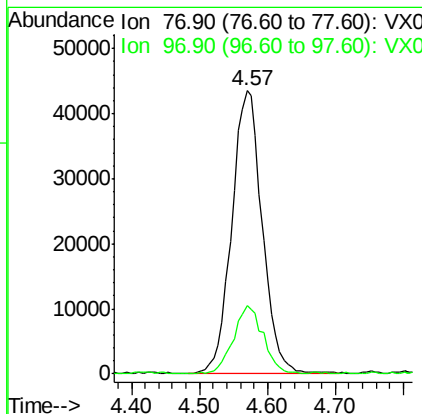
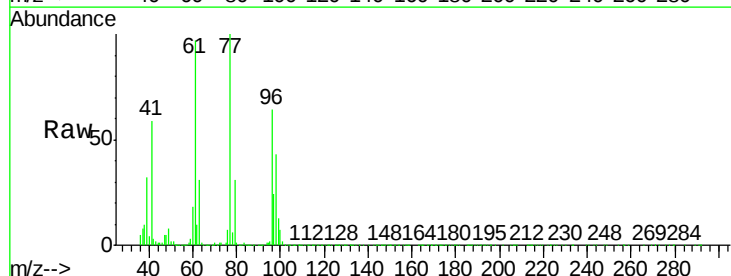
RT: 4.57 min Scan# 604

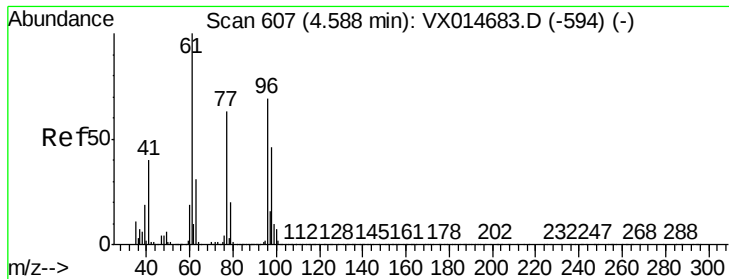
Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Tgt Ion:	77	Resp:	135427
Ion Ratio	Lower	Upper	
77	100		
97	23.7	11.8	35.3





#27

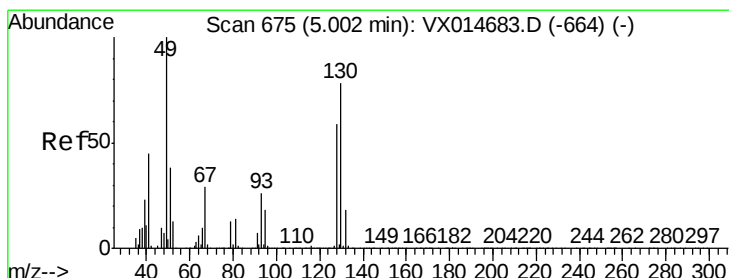
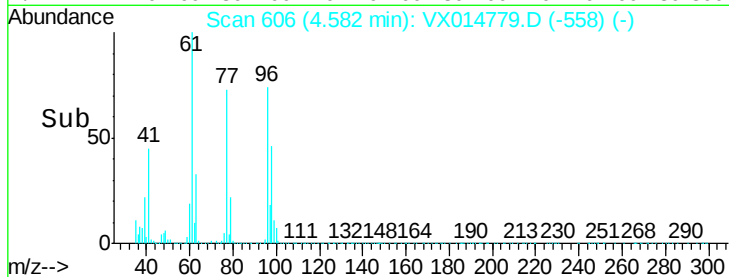
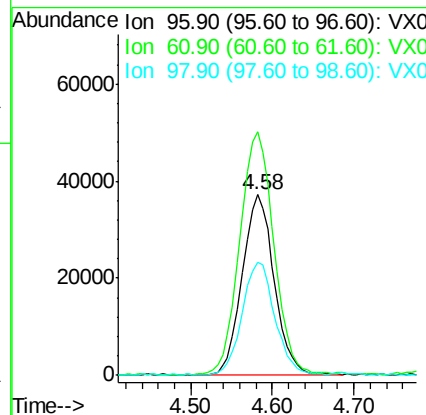
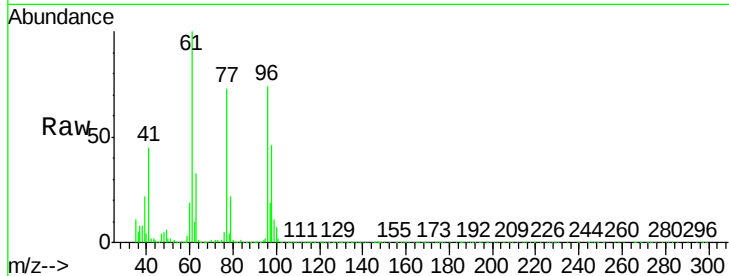
cis-1,2-Dichloroethene
Concen: 17.954 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.7	0.0	291.0	
98	63.3	0.0	129.8	

Manual Integrations
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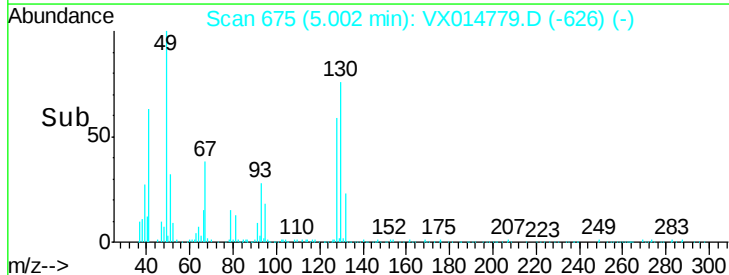
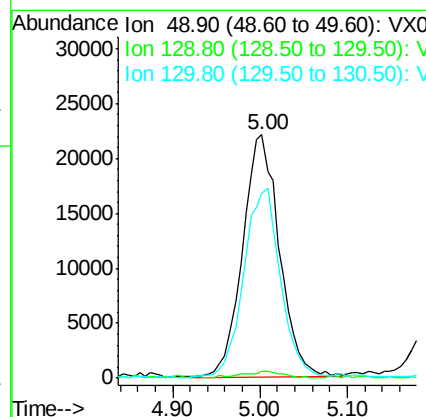
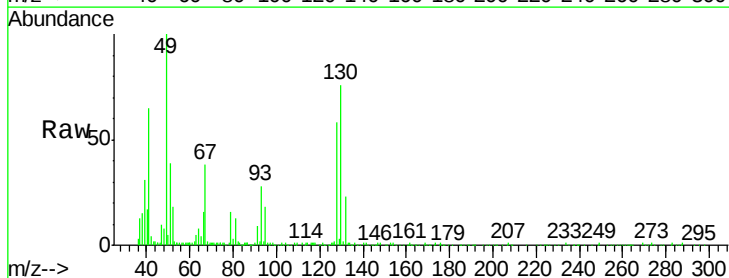
MMDadoda
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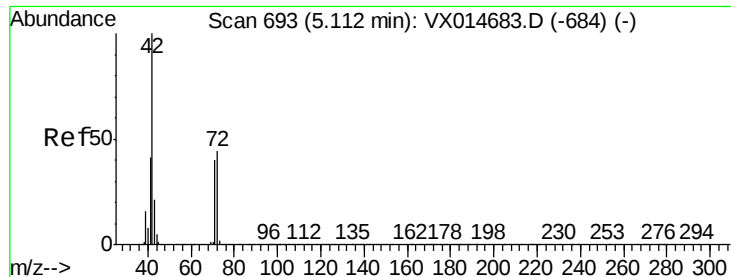


#28

Bromochloromethane
Concen: 16.566 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	3.2	0.0	4.8	
130	78.8	62.4	93.6	





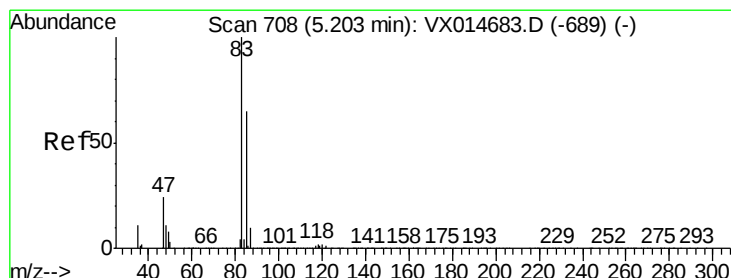
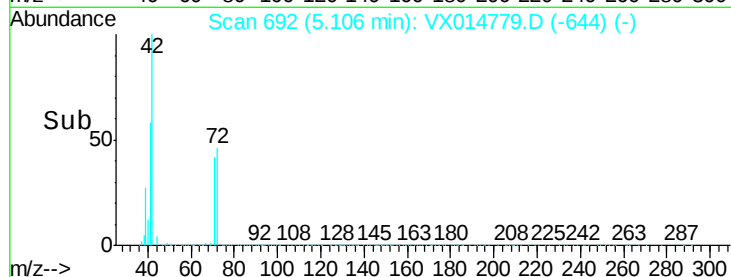
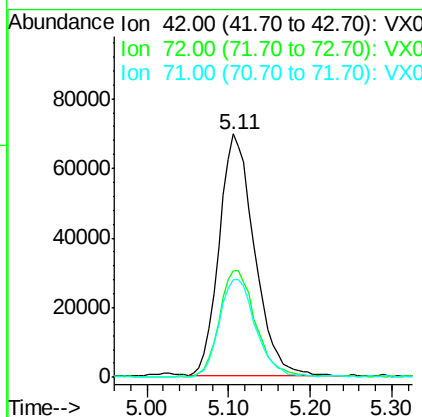
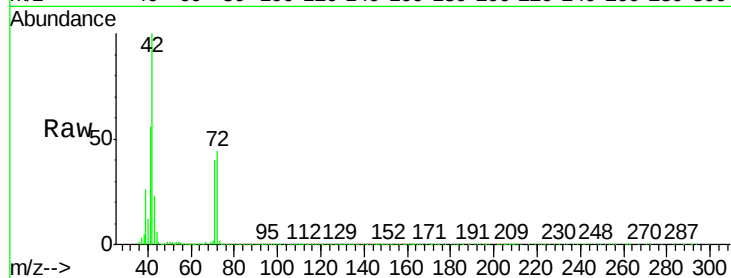
#29
Tetrahydrofuran
Concen: 83.013 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	35.3	52.9
71	42.1	33.1	49.7

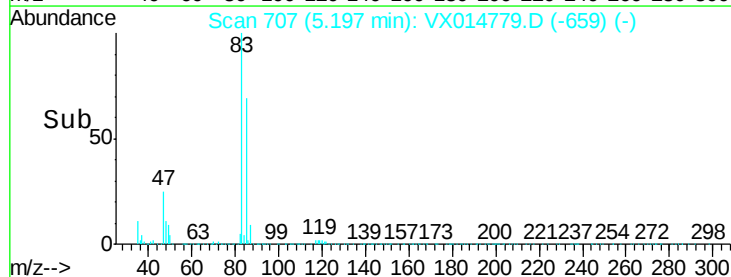
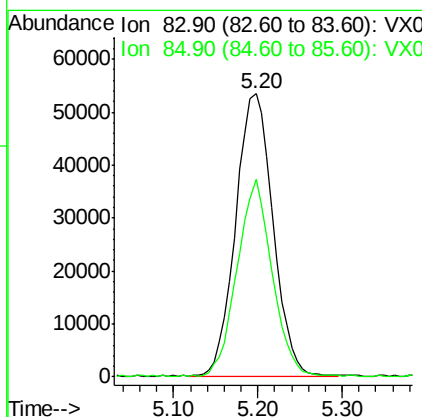
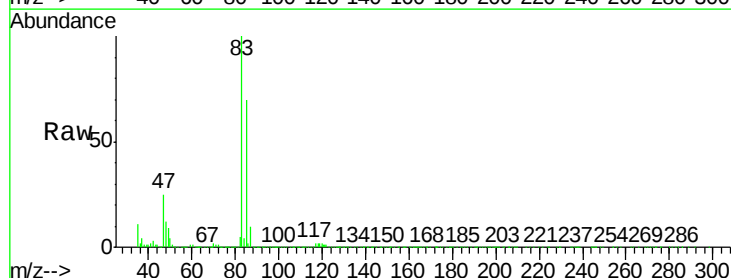
Manual Integrations
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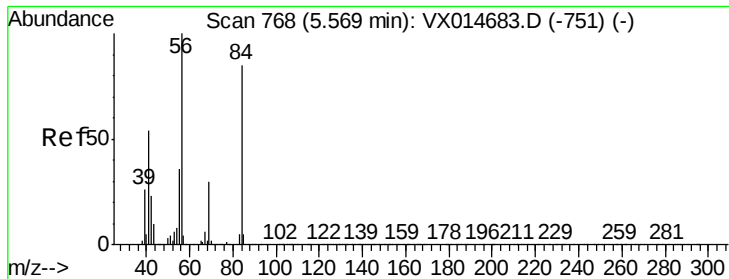
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#30
Chloroform
Concen: 18.202 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.7	51.7	77.5





#31

Cyclohexane

Concen: 17.820 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

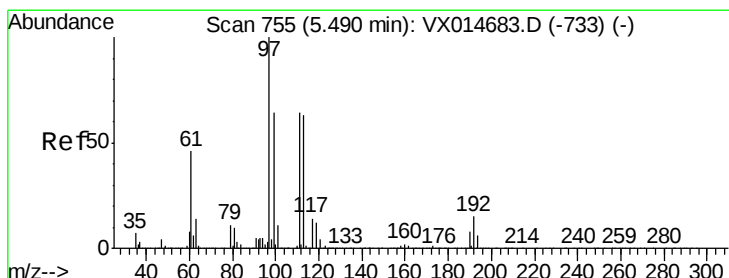
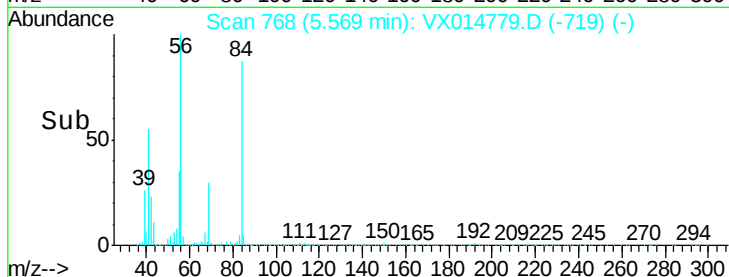
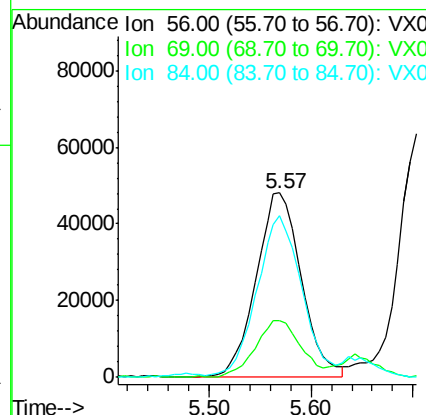
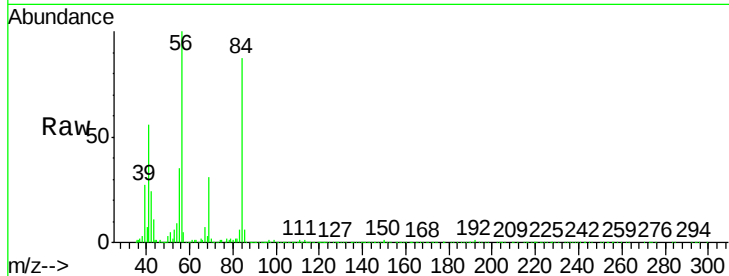
ClientSampleId :

VX0131WBSD02

Tot Ion:	56	Resp:	148402
Ion Ratio	Lower	Upper	
56	100		
69	30.6	23.4	35.2
84	85.7	68.4	102.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.519 ug/l

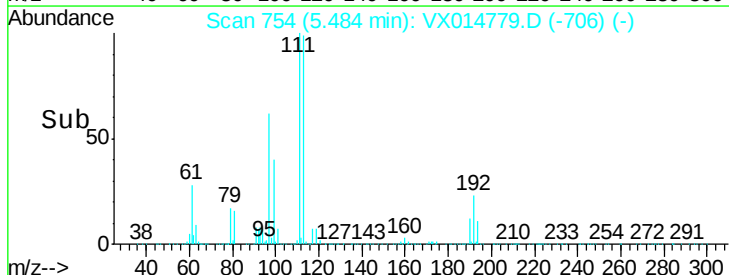
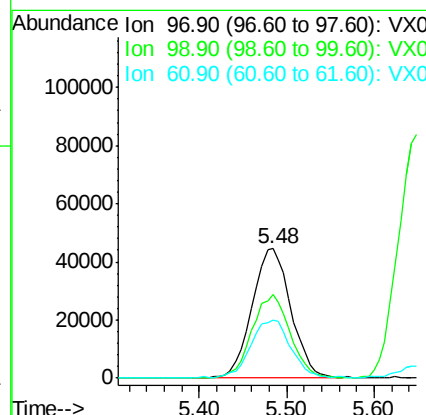
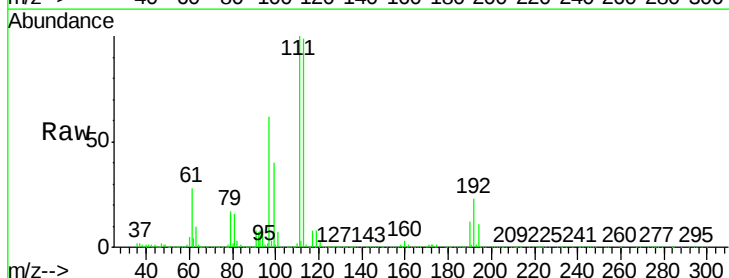
RT: 5.48 min Scan# 754

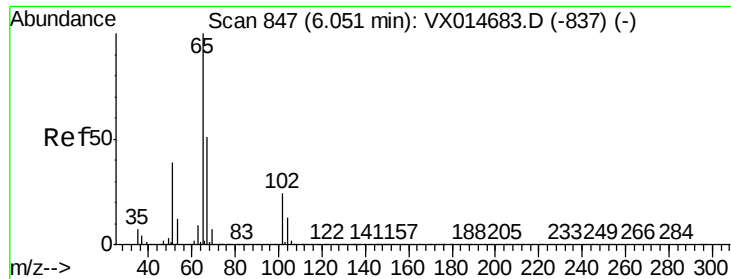
Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Tgt Ion:	97	Resp:	137299
Ion Ratio	Lower	Upper	
97	100		
99	62.5	52.3	78.5
61	45.4	37.2	55.8





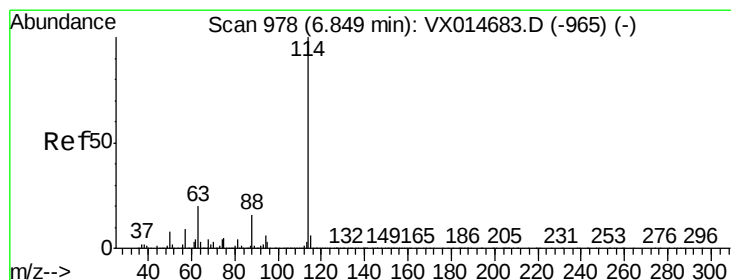
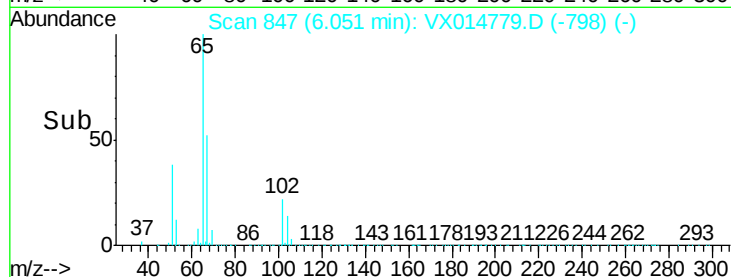
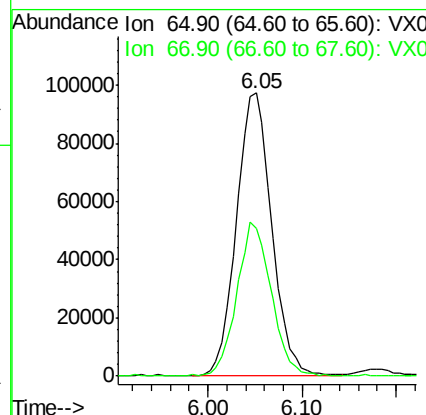
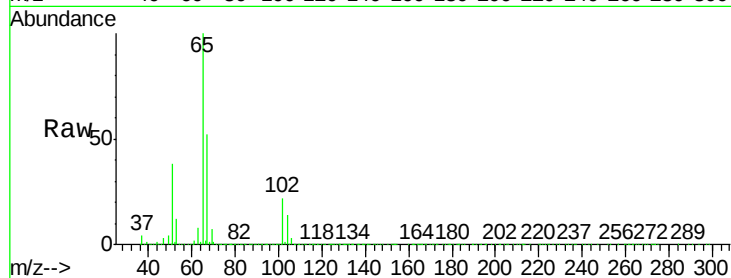
#33
 1,2-Dichloroethane-d4
 Concen: 47.314 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	253399		
67	53.4	0.0	107.4	

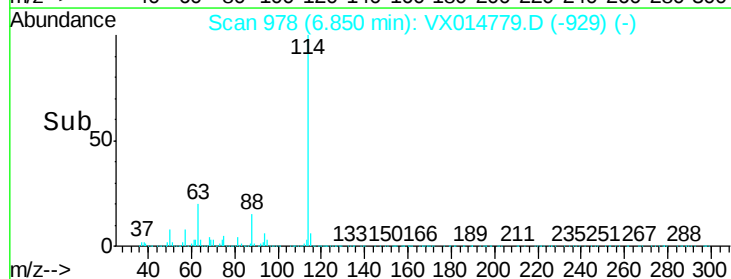
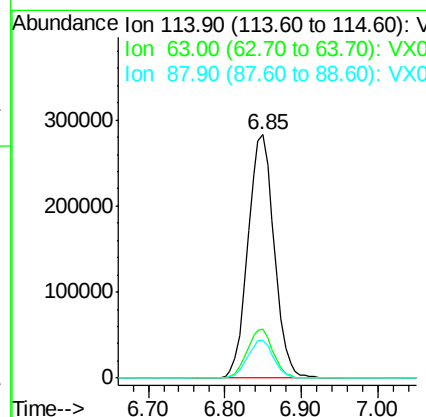
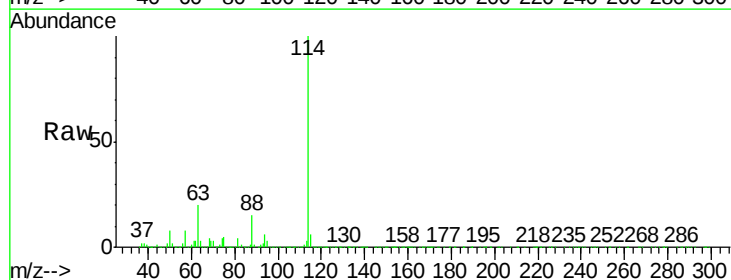
Manual Integrations
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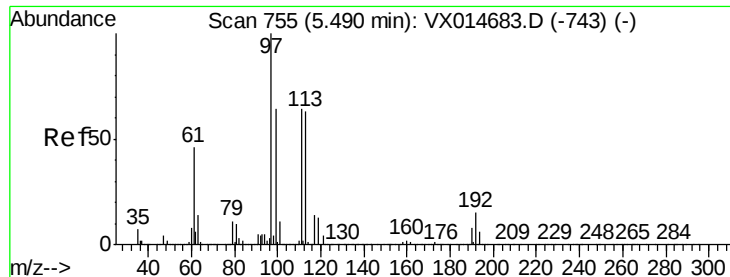
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 2/4/2020 3:35:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	671579		
63	19.8	0.0	40.6	
88	15.2	0.0	31.2	





#35

Dibromofluoromethane

Concen: 49.584 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

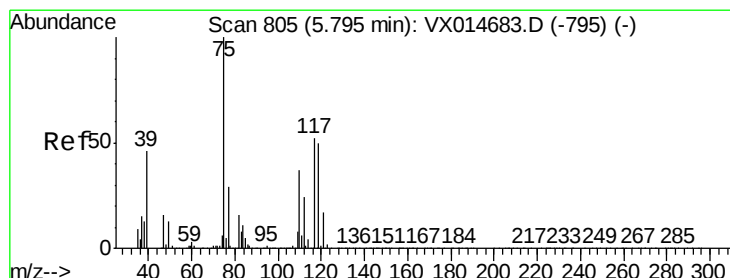
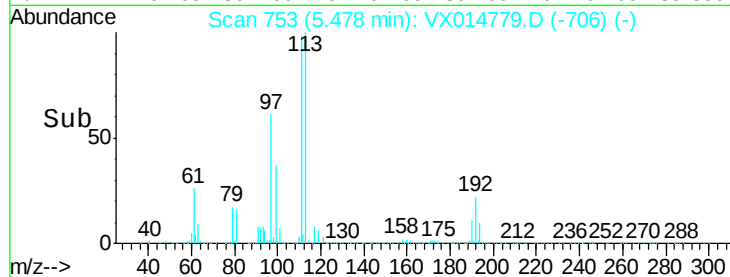
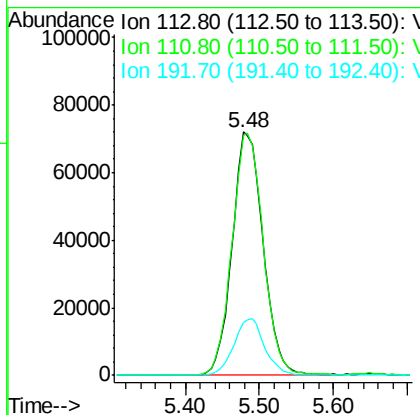
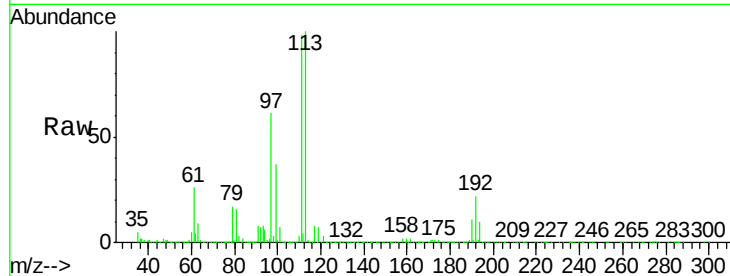
ClientSampleId :

VX0131WBSD02

Tot Ion:	113	Resp:	210119
Ion Ratio	Lower	Upper	
113	100		
111	99.1	80.7	121.1
192	23.2	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 19.209 ug/l

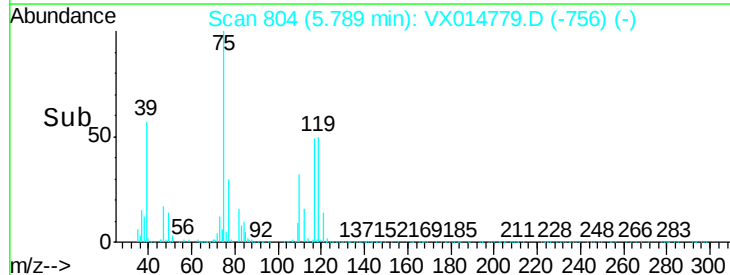
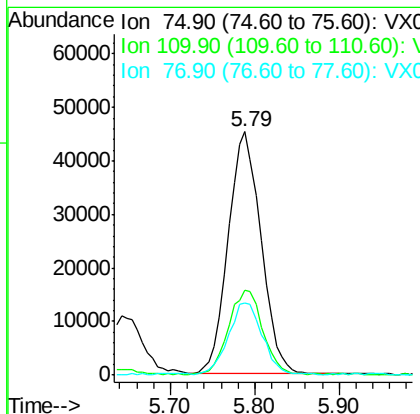
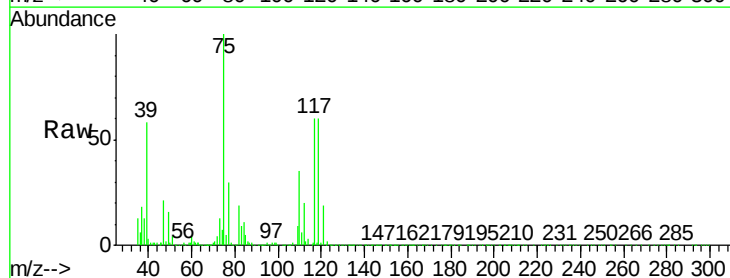
RT: 5.79 min Scan# 804

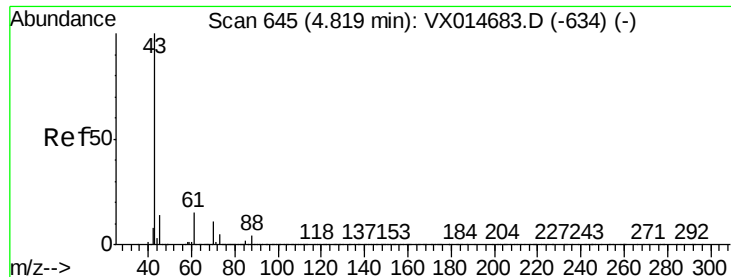
Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Tgt Ion:	75	Resp:	119868
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.9	53.7
77	30.0	24.1	36.1





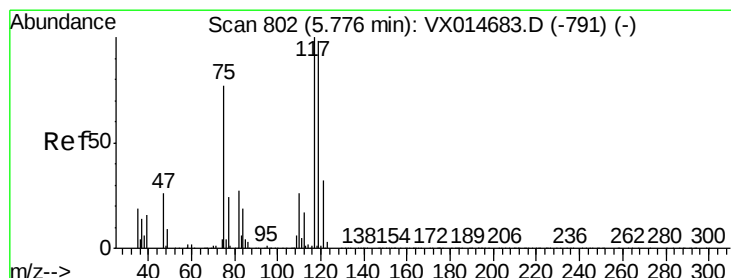
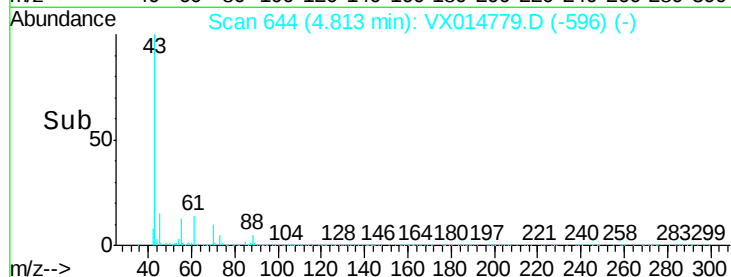
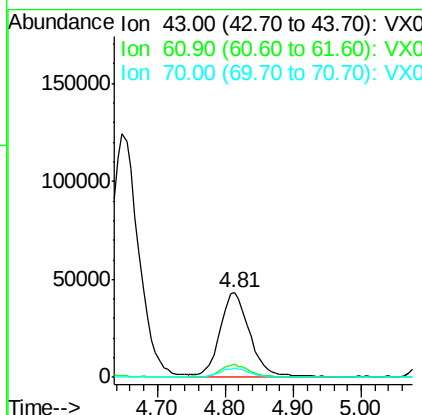
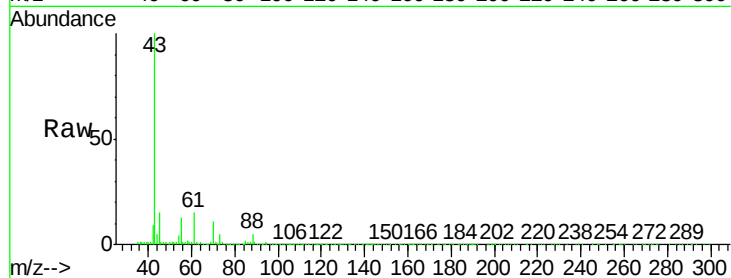
#37
Ethyl Acetate
Concen: 17.958 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	43	Resp	128351
Ion Ratio	Lower	Upper	
43	100		
61	13.5	11.0	16.4
70	10.1	8.5	12.7

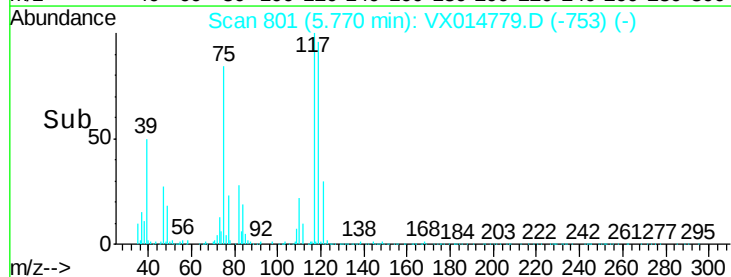
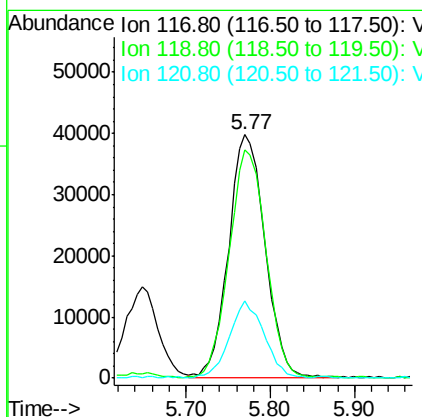
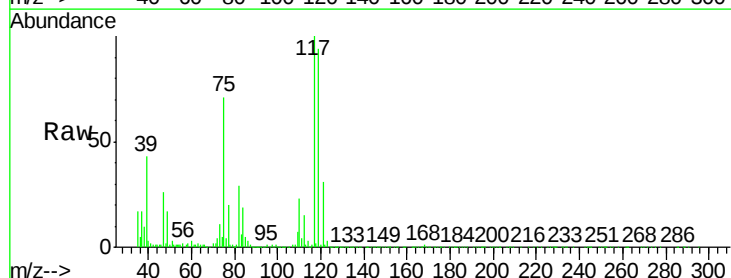
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#38
Carbon Tetrachloride
Concen: 19.406 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	117	Resp	115652
Ion Ratio	Lower	Upper	
117	100		
119	93.7	77.9	116.9
121	31.3	25.4	38.2





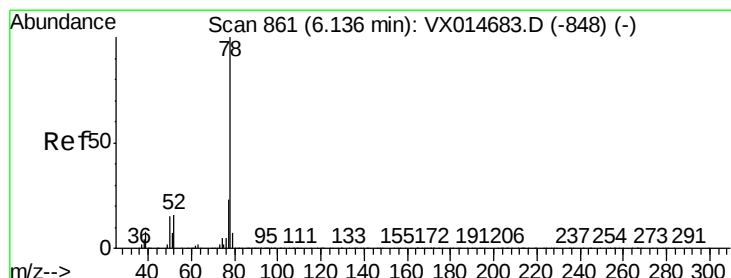
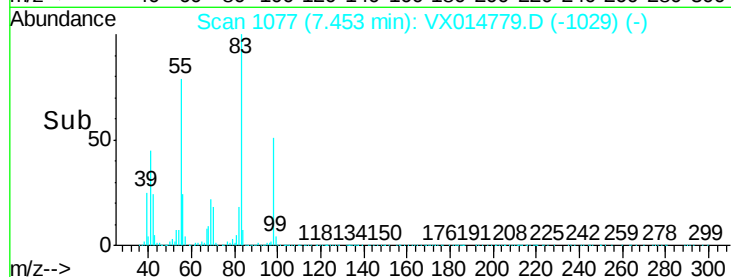
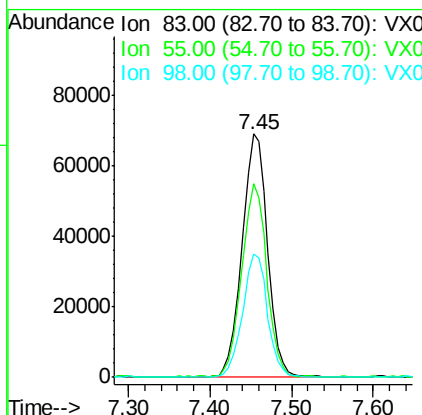
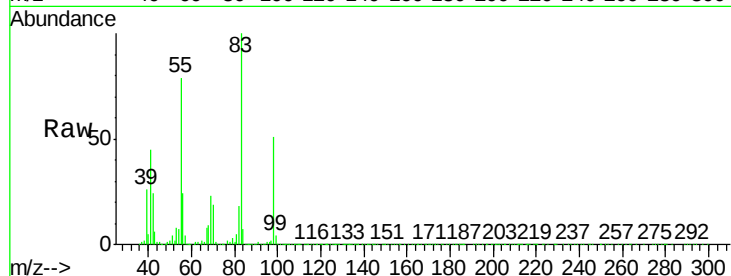
#39
Methvlcvclohexane
Concen: 19.201 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Resp Lower	Upper
83	100		
55	79.1	65.6	98.4
98	50.7	40.2	60.4

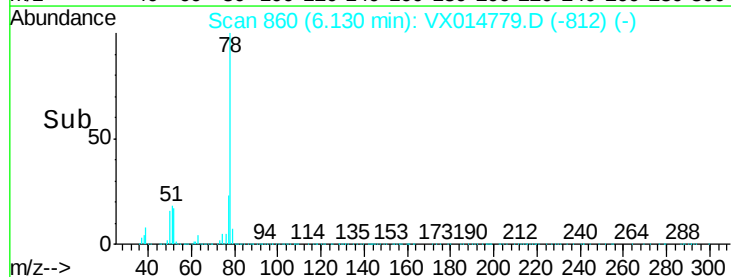
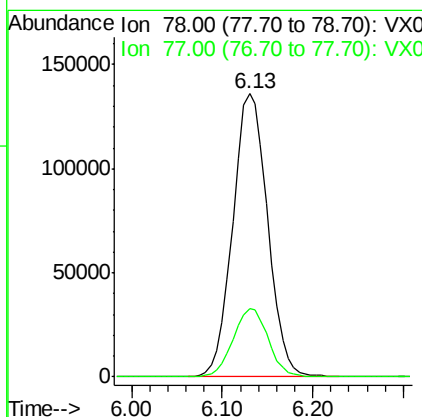
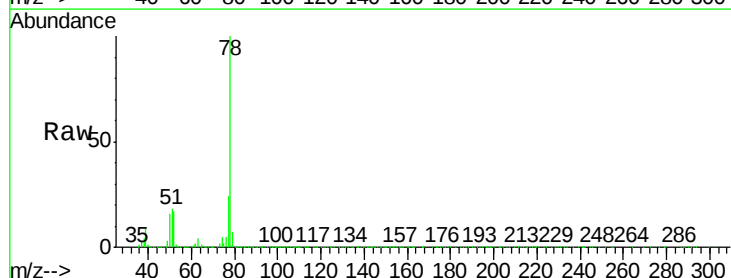
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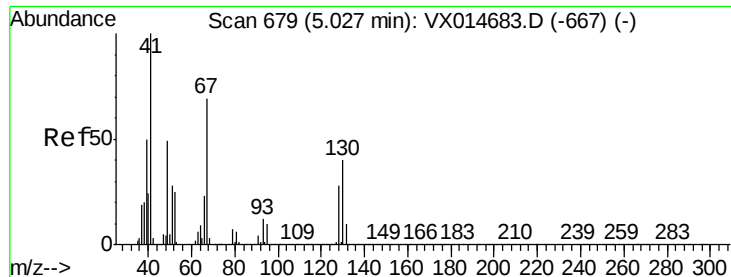
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#40
Benzene
Concen: 18.747 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Resp Lower	Upper
78	100		
77	23.8	18.7	28.1





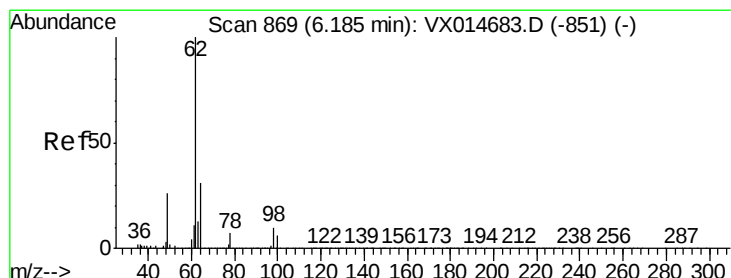
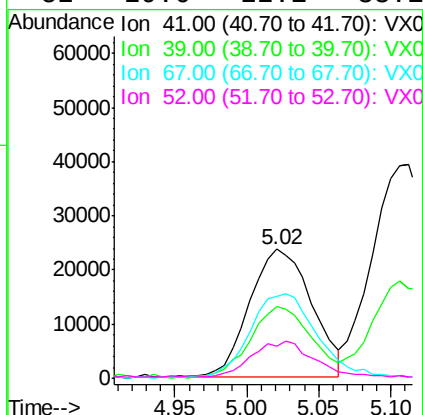
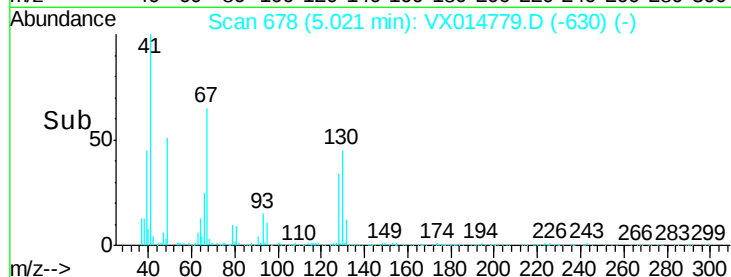
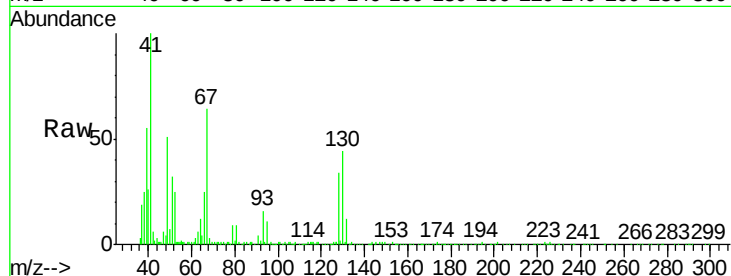
#41
Methacrylonitrile
Concen: 17.118 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	42.2	63.2	
67	72.9	55.4	83.0	
52	29.6	22.1	33.1	

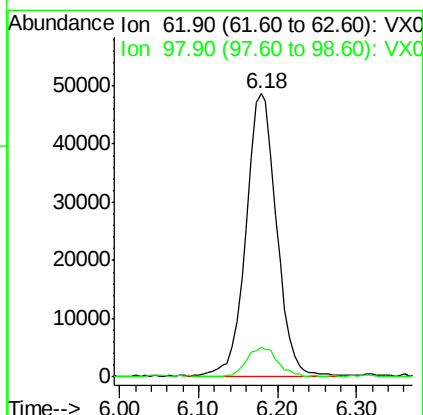
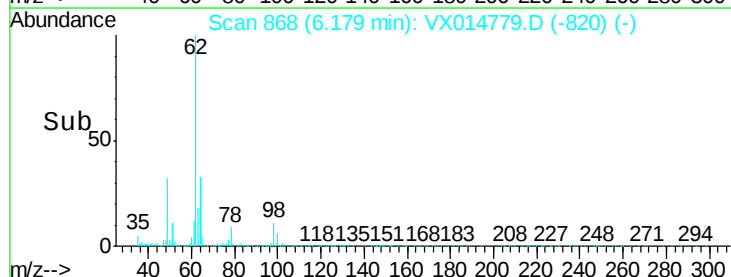
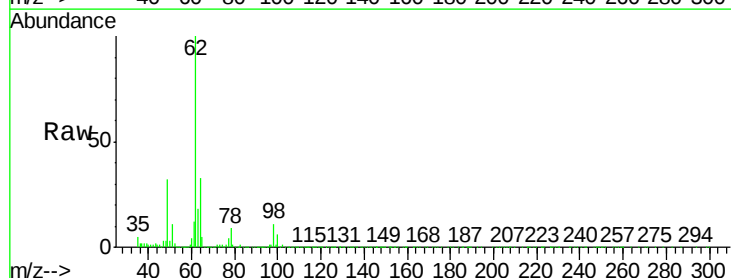
Manual Integrations
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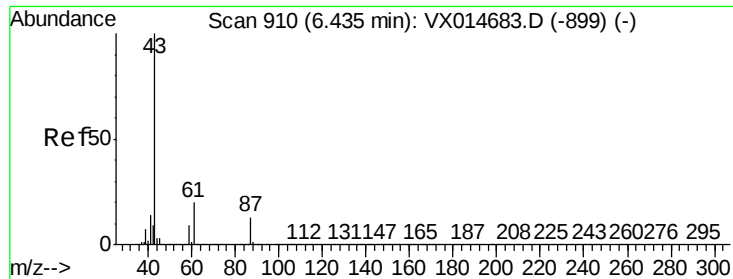
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#42
1,2-Dichloroethane
Concen: 19.518 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	20.0	





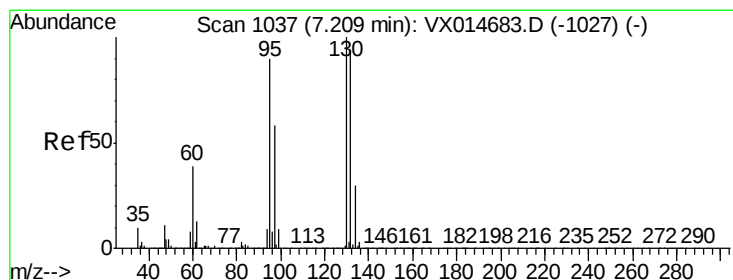
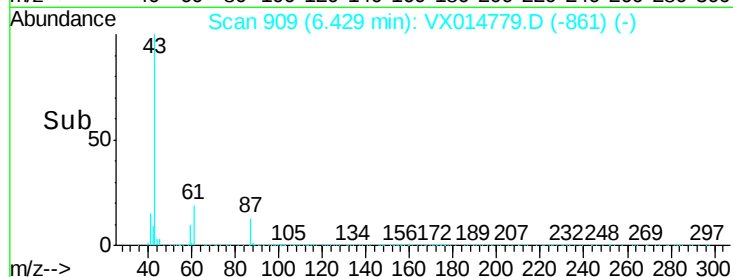
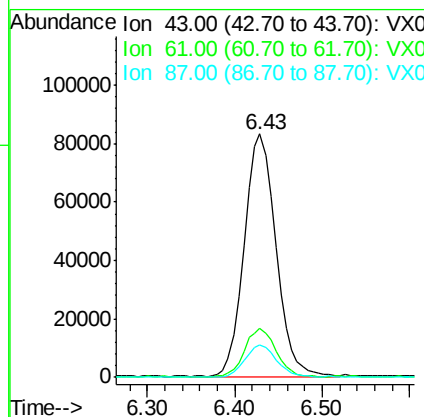
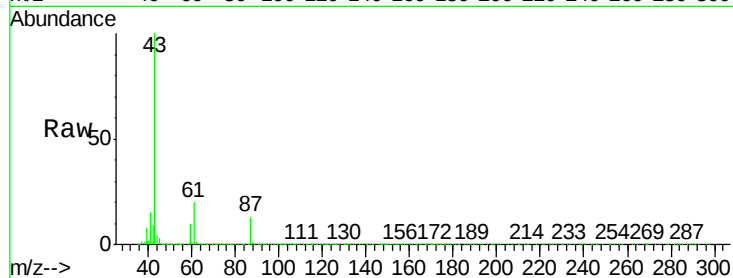
#43
Isopropyl Acetate
Concen: 17.893 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.4
87	13.2	10.5	15.7

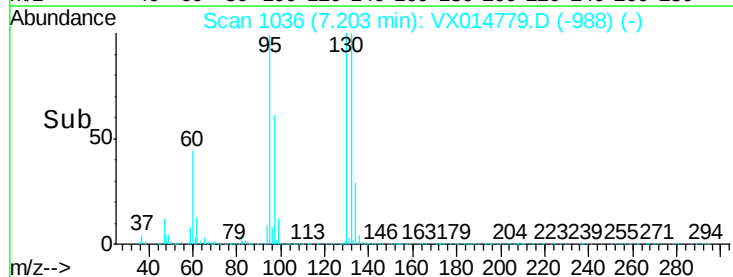
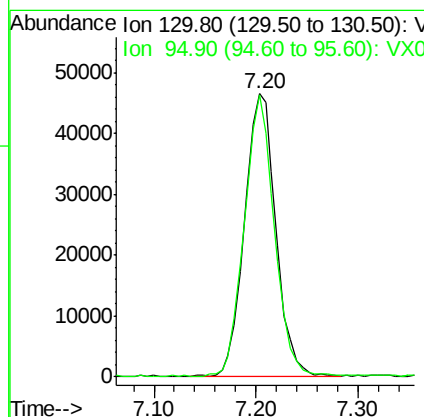
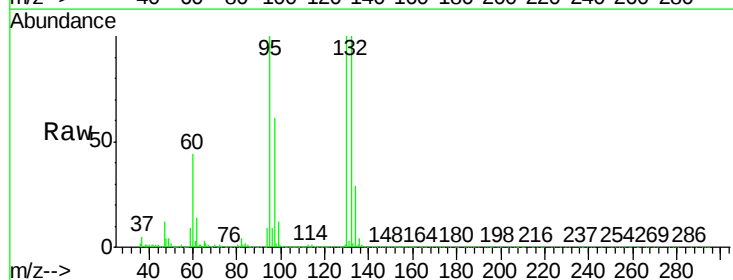
Manual Integrations
APPROVED

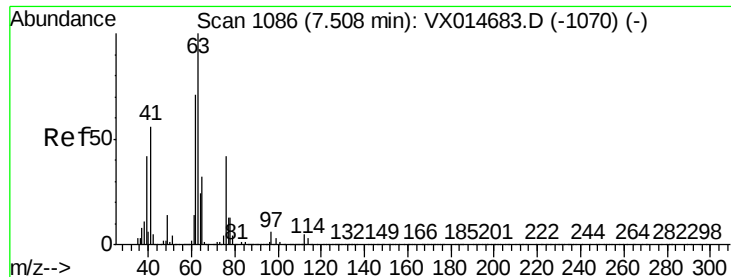
MMDadoda
2/4/2020 3:35:56 PM



#44
Trichloroethene
Concen: 18.375 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	179.8





#45

1,2-Dichloropropane

Concen: 19.400 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion: 63 Resp: 96363

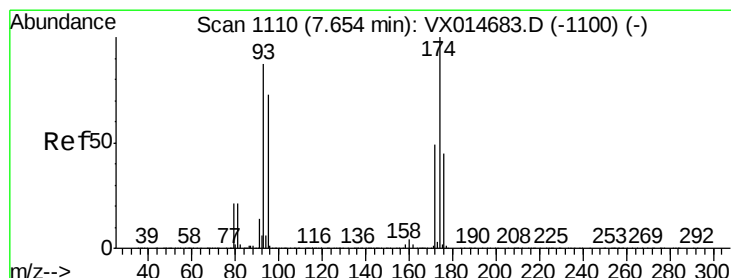
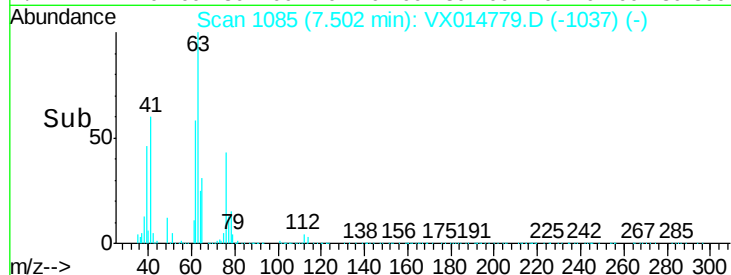
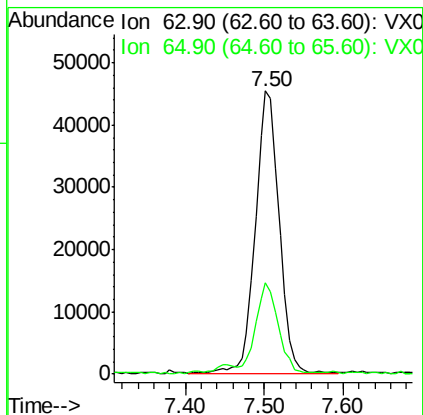
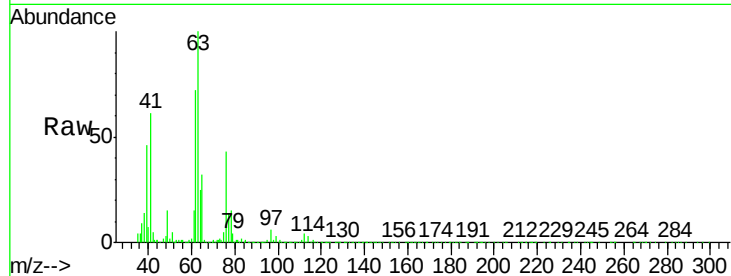
Ion Ratio Lower Upper

63 100

65 31.8 25.2 37.8

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:35:56 PM



#46

Dibromomethane

Concen: 18.965 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

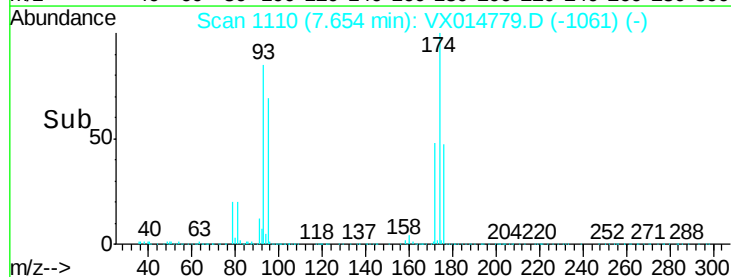
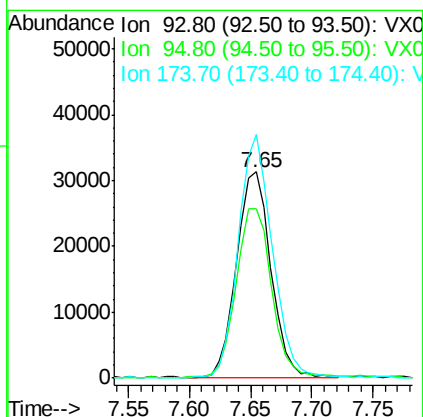
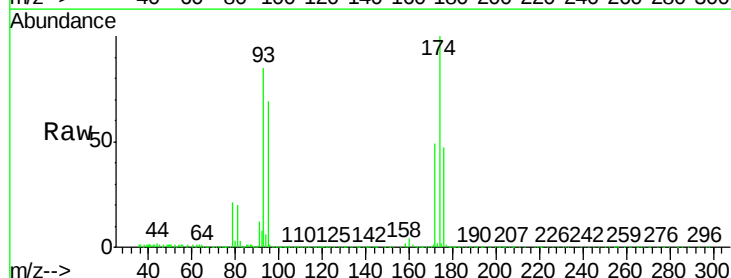
Tgt Ion: 93 Resp: 61013

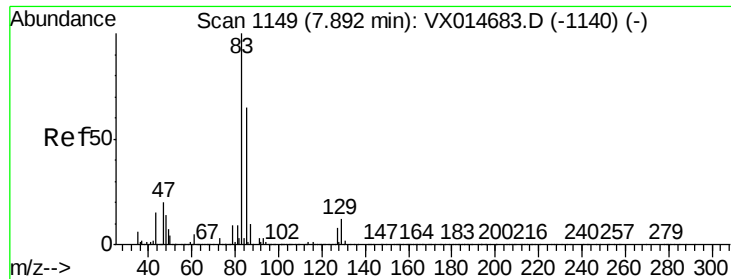
Ion Ratio Lower Upper

93 100

95 85.9 67.0 100.4

174 117.7 90.2 135.2





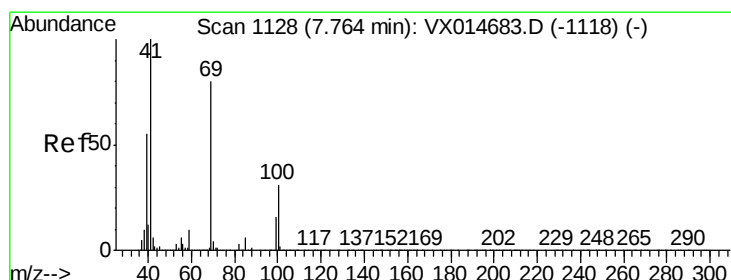
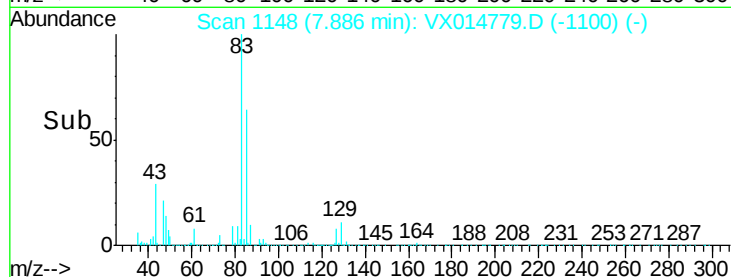
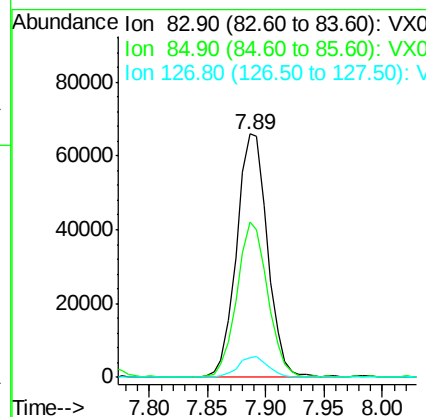
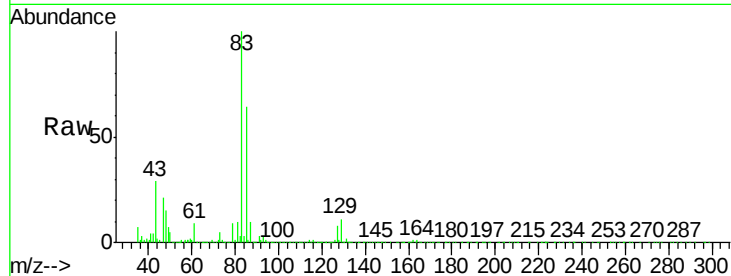
#47
Bromodichloromethane
Concen: 19.290 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	121713		
85	63.4	52.2	78.2	
127	7.9	6.4	9.6	

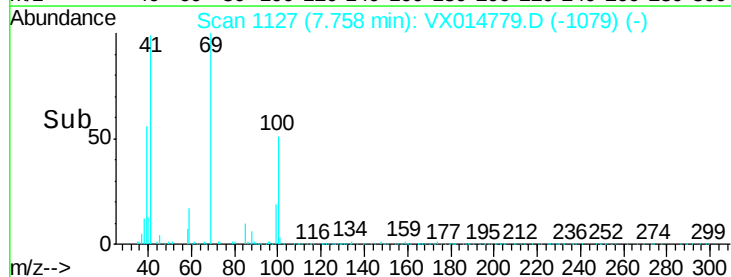
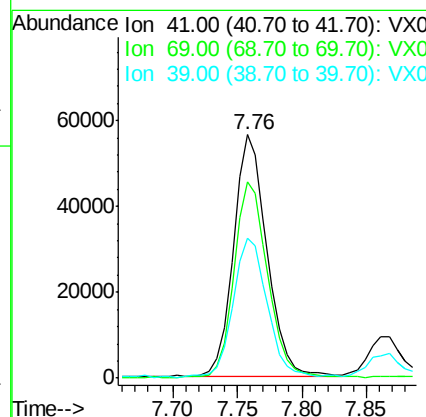
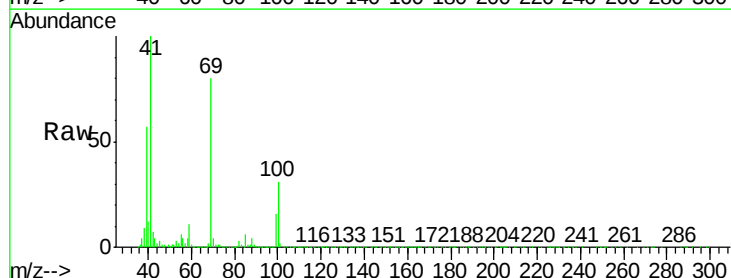
Manual Integrations
APPROVED

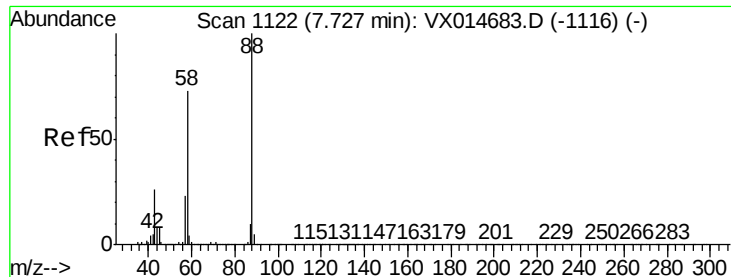
MMDadoda
2/4/2020 3:35:56 PM



#48
Methyl methacrylate
Concen: 18.166 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	101586		
69	81.7	63.5	95.3	
39	58.7	43.7	65.5	





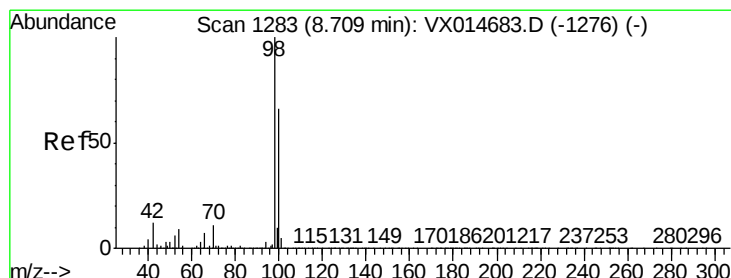
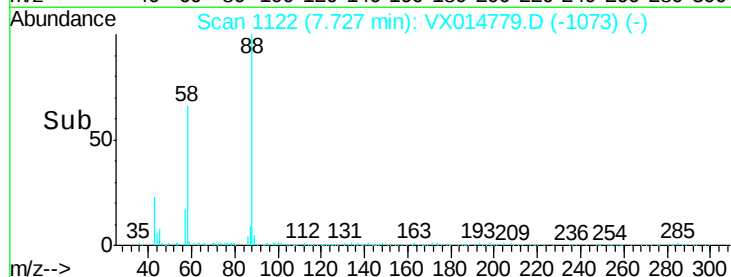
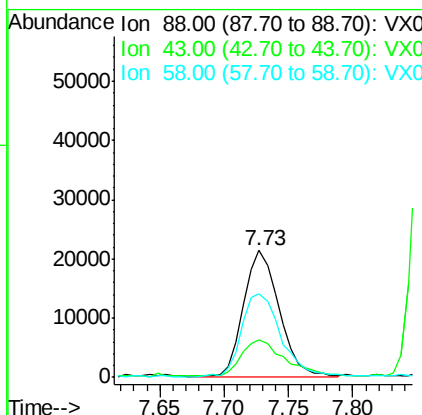
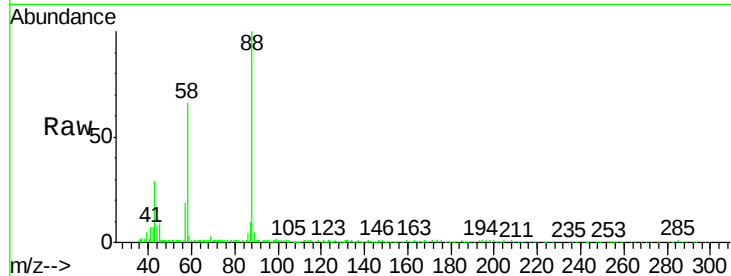
#49
1,4-Dioxane
Concen: 351.556 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.2	39.2
58	73.3	56.6	85.0

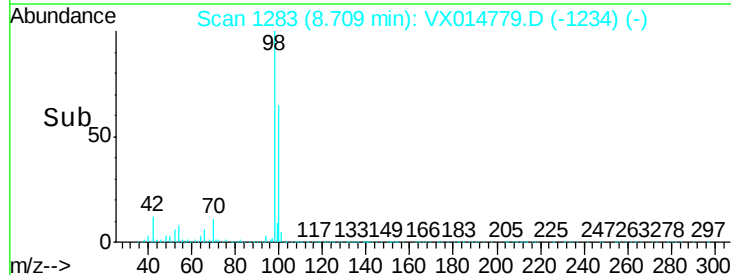
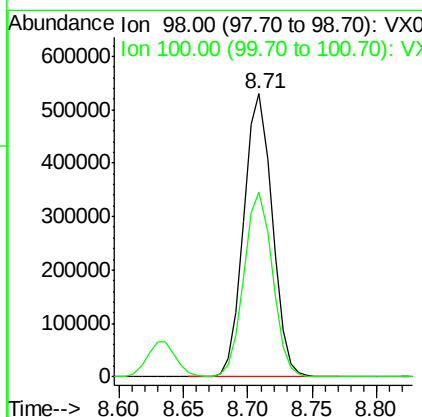
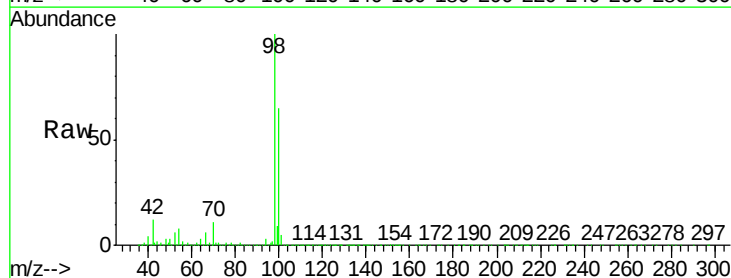
Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:35:56 PM



#50
Toluene-d8
Concen: 49.560 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 89.418 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion: 43 Resp: 660528

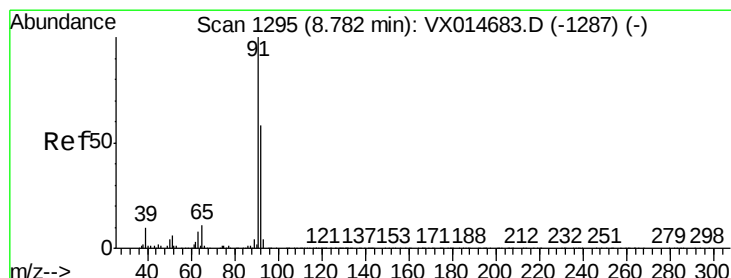
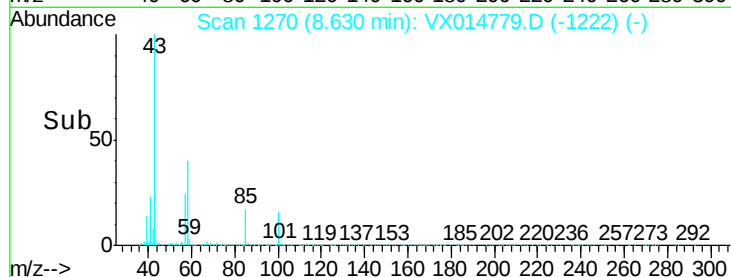
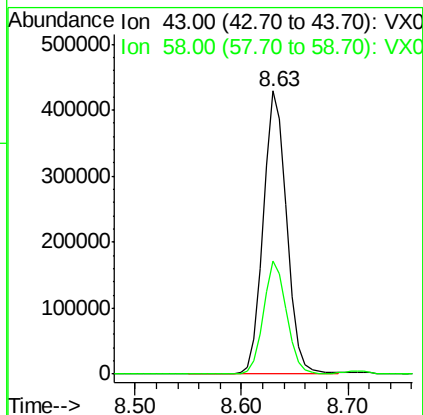
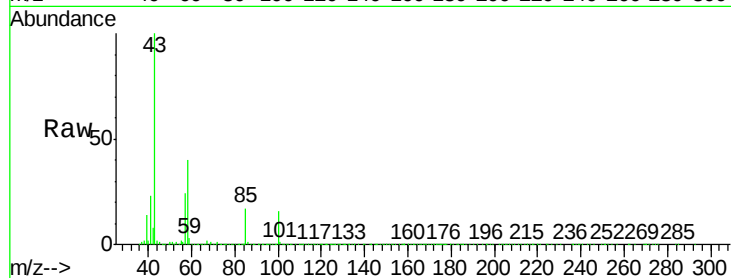
Ion Ratio Lower Upper

43 100

58 39.3 31.6 47.4

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:35:56 PM



#52

Toluene

Concen: 19.234 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014779.D

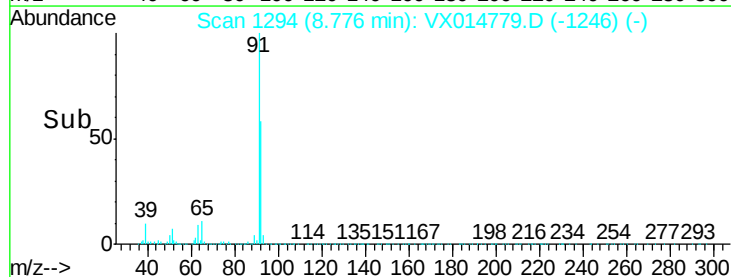
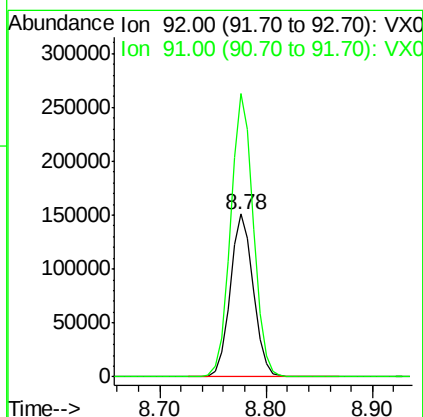
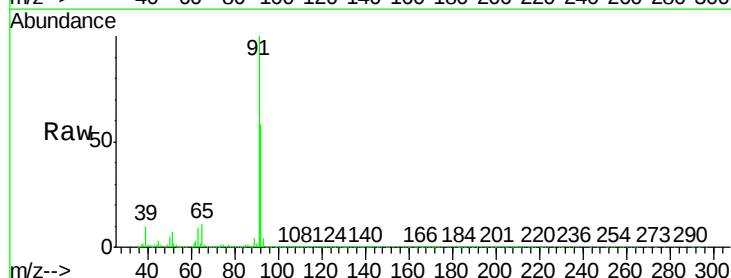
Acq: 31 Jan 2020 13:08

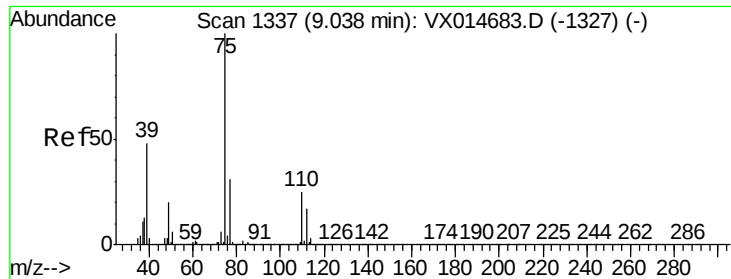
Tgt Ion: 92 Resp: 227967

Ion Ratio Lower Upper

92 100

91 172.4 135.9 203.9





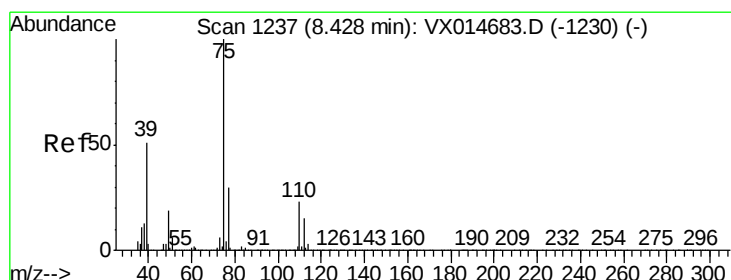
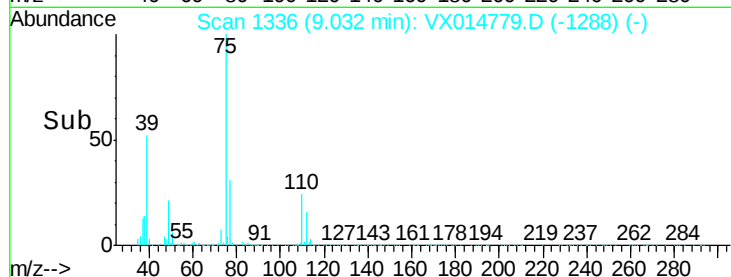
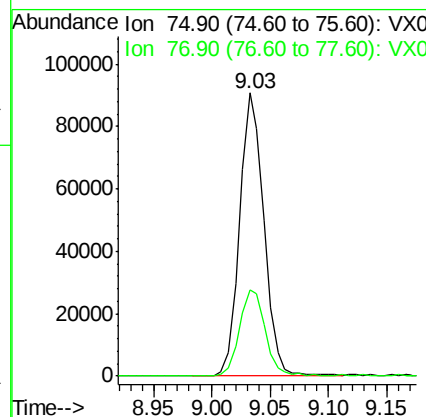
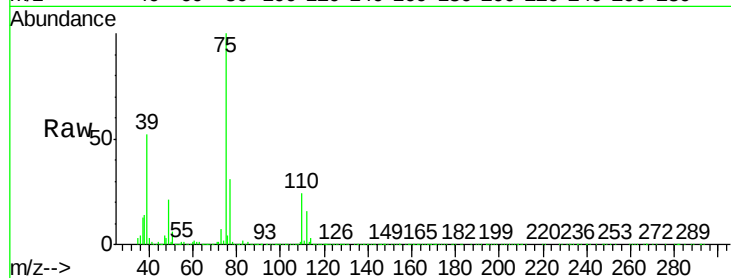
#53
t-1,3-Dichloropropene
Concen: 19.363 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	24.9	37.3

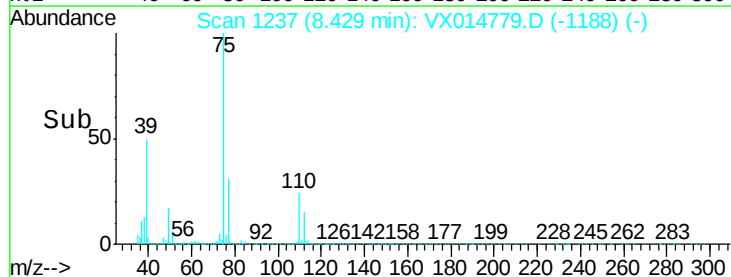
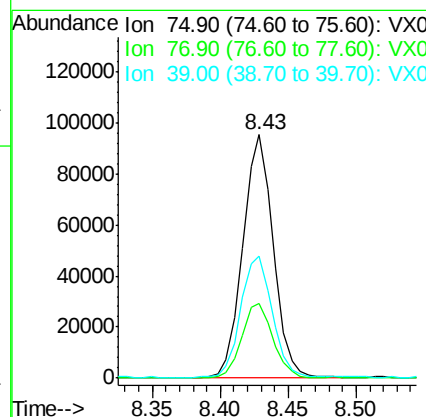
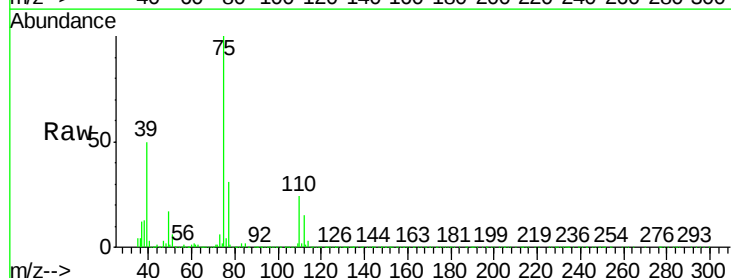
Manual Integrations
APPROVED

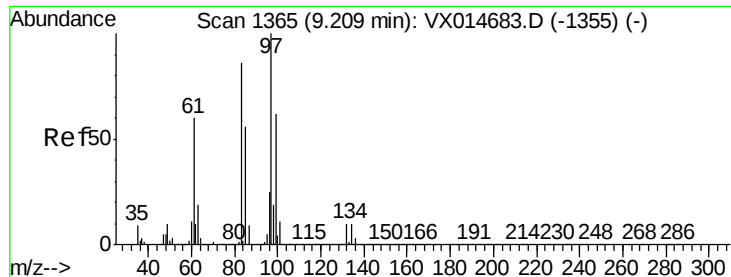
MMDadoda
2/4/2020 3:35:56 PM



#54
cis-1,3-Dichloropropene
Concen: 19.890 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	23.9	35.9
39	50.1	40.9	61.3





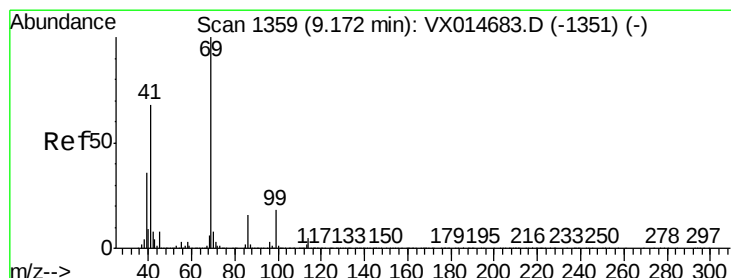
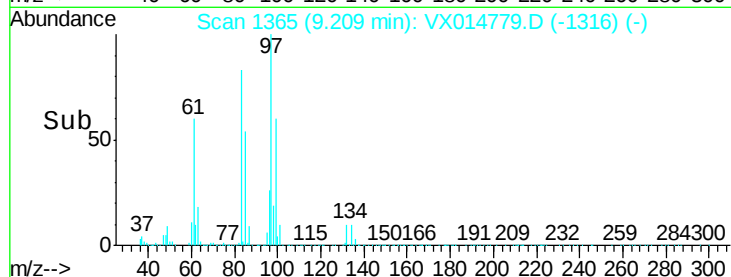
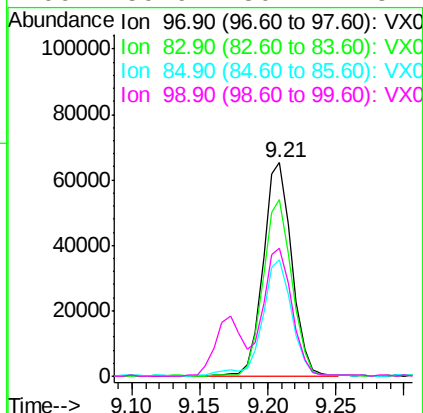
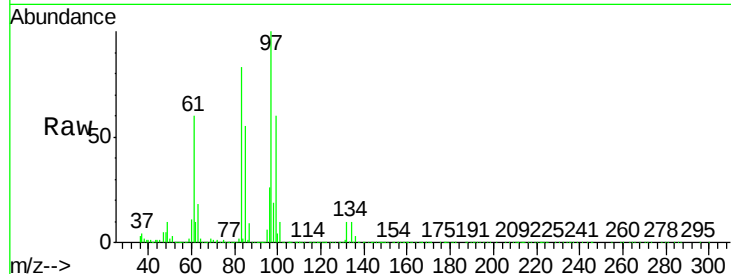
#55
 1,1,2-Trichloroethane
 Concen: 19.781 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		95988		
83	82.7	69.2	103.8		
85	54.4	44.6	67.0		
99	59.9	50.1	75.1		

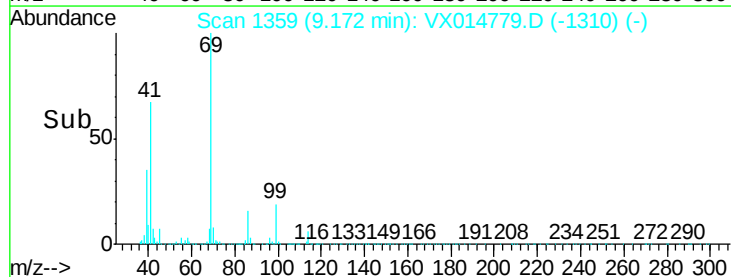
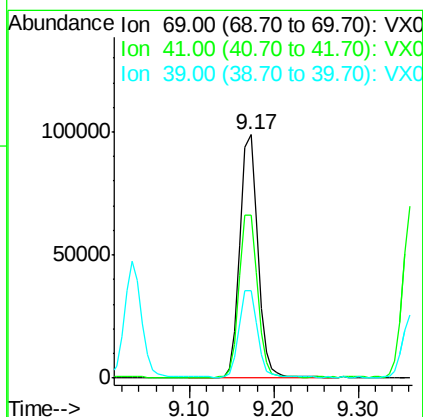
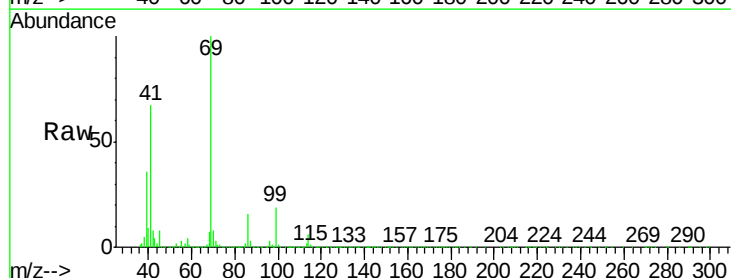
Manual Integrations
 APPROVED

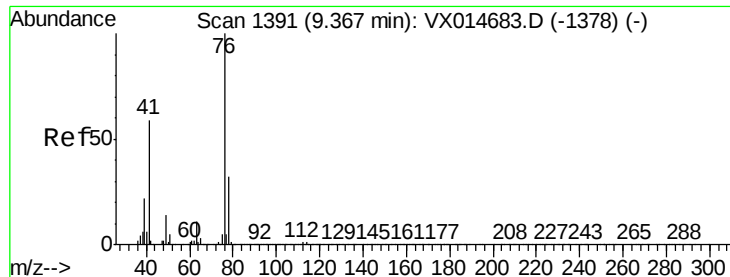
MMDadoda
 2/4/2020 3:35:56 PM



#56
 Ethyl methacrylate
 Concen: 18.193 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		139982		
41	68.6	54.9	82.3		
39	36.1	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 18.944 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion: 76 Resp: 157143

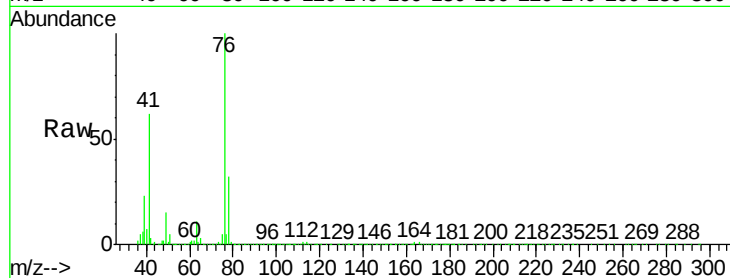
Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:35:56 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

120000

100000

80000

60000

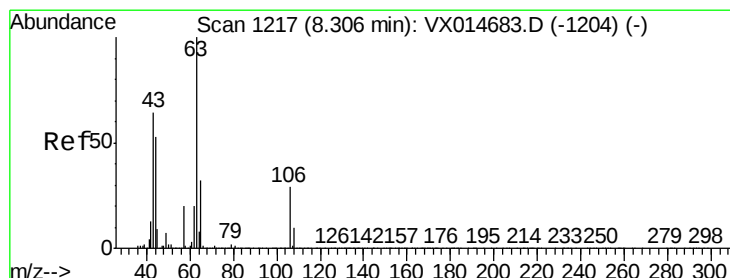
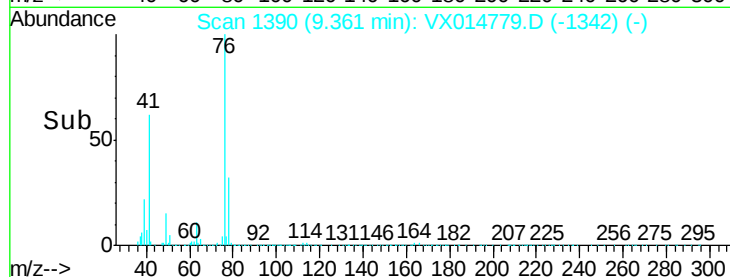
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 97.991 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014779.D

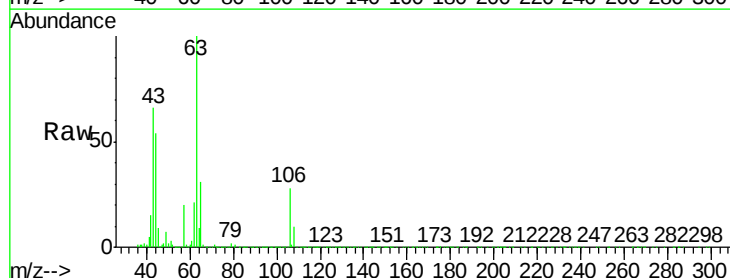
Acq: 31 Jan 2020 13:08

Tgt Ion: 63 Resp: 239139

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

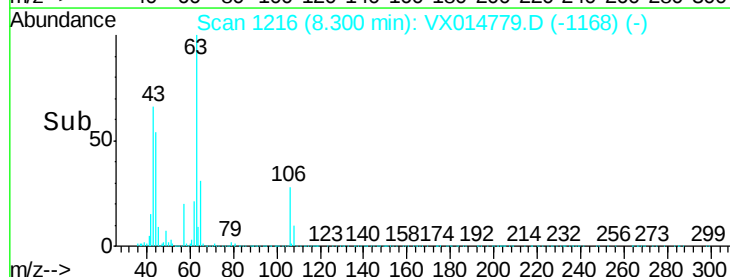
100000

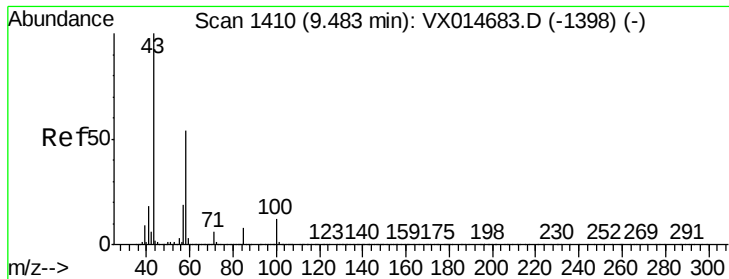
50000

0

8.20 8.30 8.40

Time-->





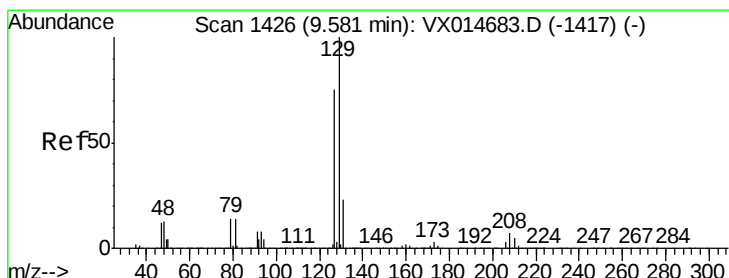
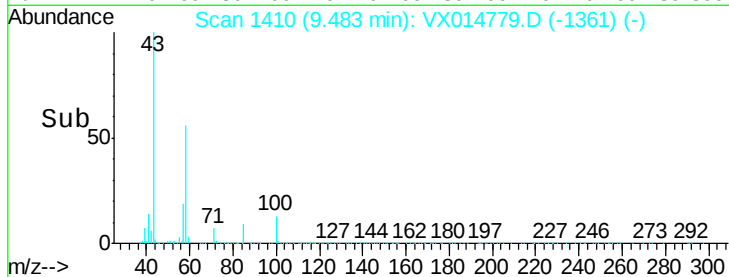
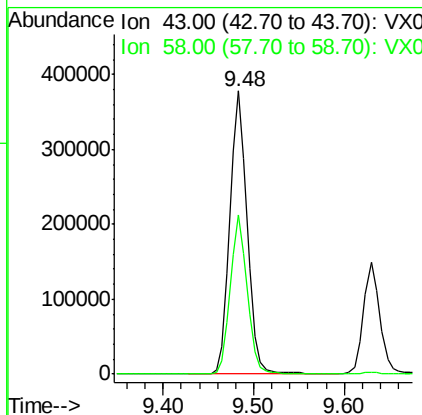
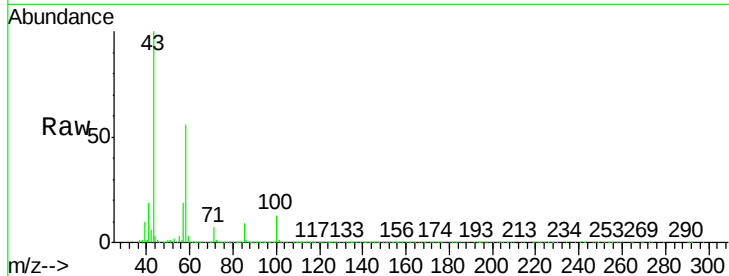
#59
2-Hexanone
Concen: 87.505 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.2	81.5

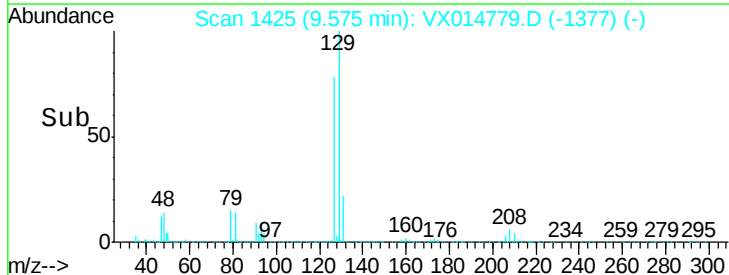
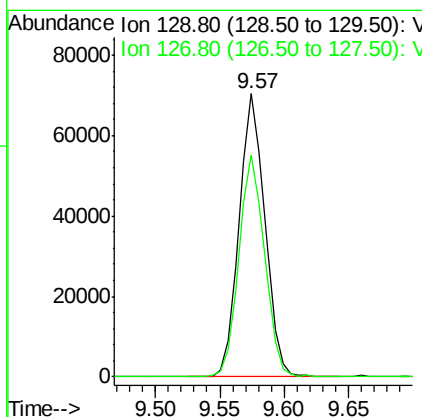
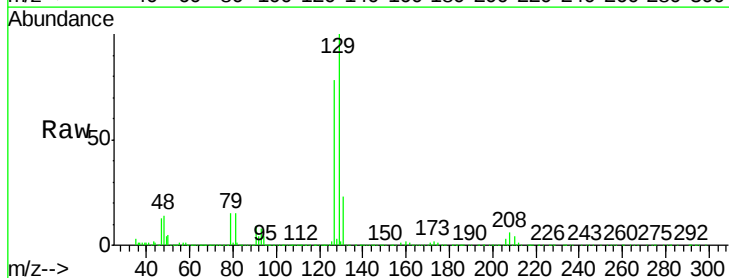
Manual Integrations
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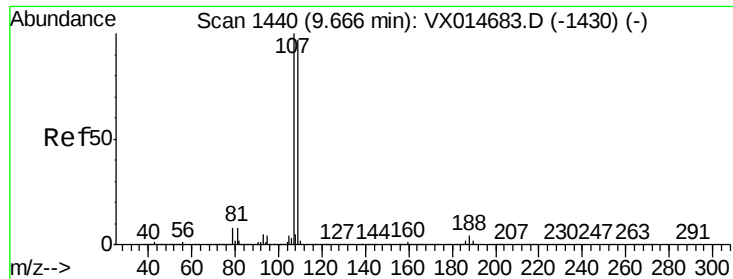
MMDadoda
2/4/2020 3:35:56 PM



#60
Dibromochloromethane
Concen: 19.327 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.5	115.5





#61

1,2-Dibromoethane

Concen: 18.805 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion: 107 Resp: 96483

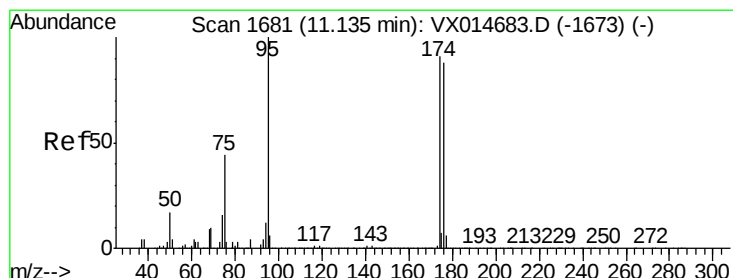
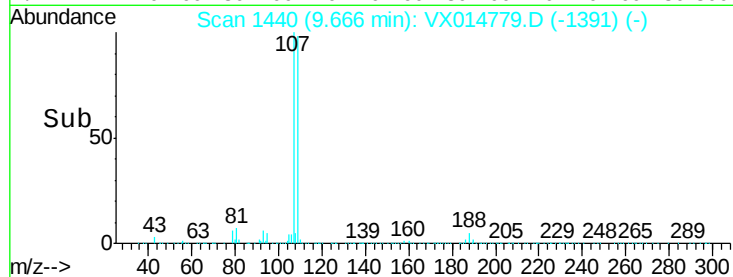
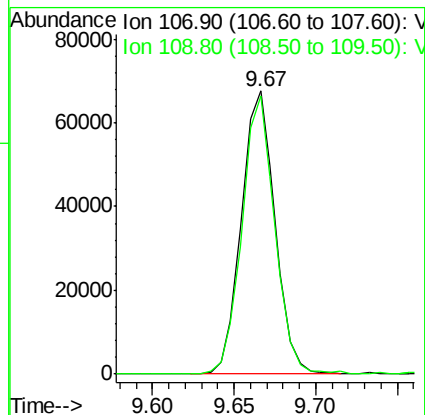
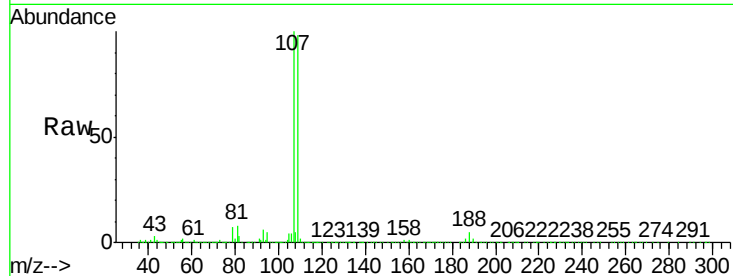
Ion Ratio Lower Upper

107 100

109 95.9 76.2 114.2

Manual Integrations
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2/4/2020 3:35:56 PM



#62

4-Bromofluorobenzene

Concen: 48.875 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

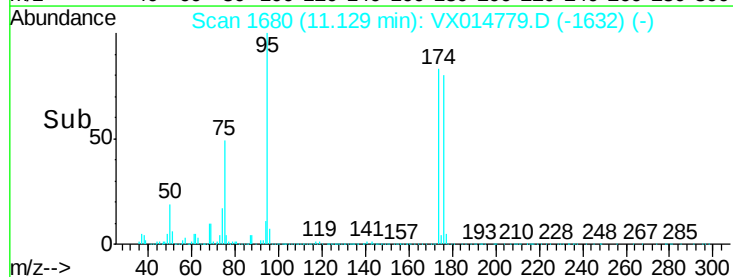
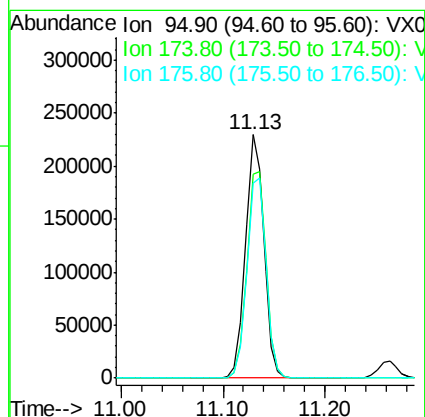
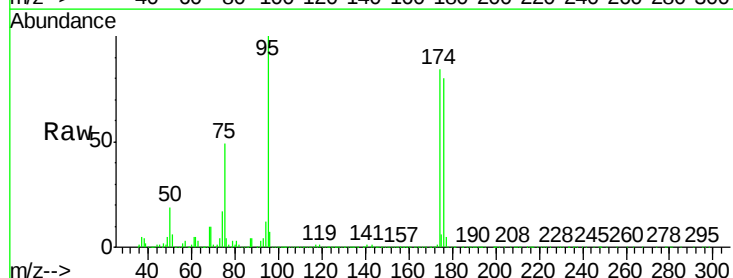
Tgt Ion: 95 Resp: 283633

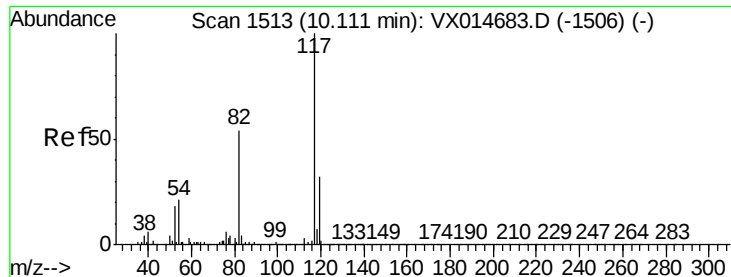
Ion Ratio Lower Upper

95 100

174 89.4 0.0 176.0

176 86.5 0.0 172.2





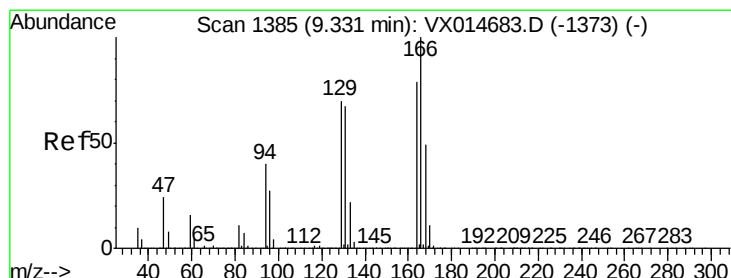
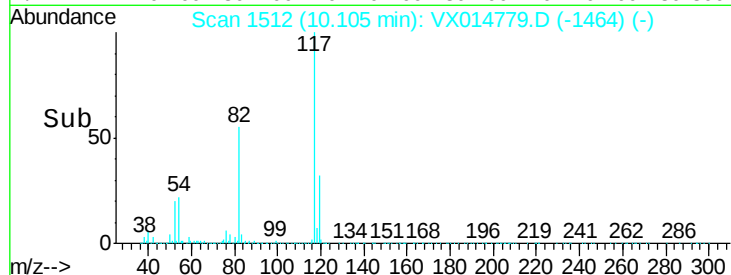
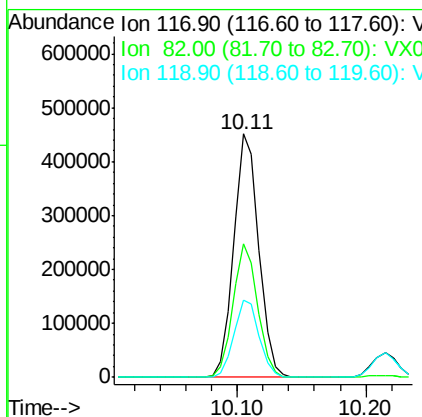
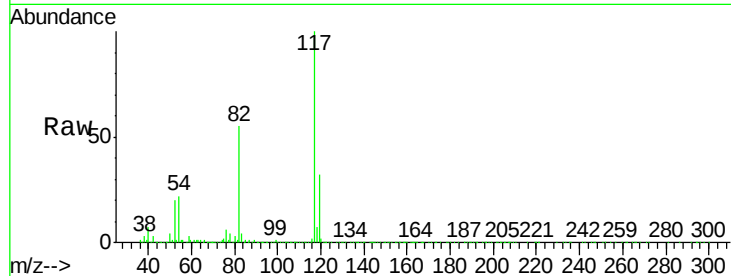
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	609059		
82	54.9	43.2	64.8	
119	31.6	25.8	38.6	

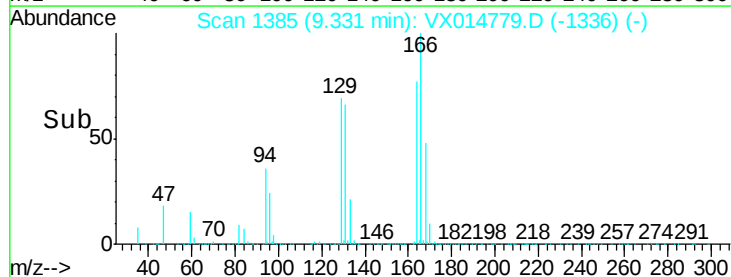
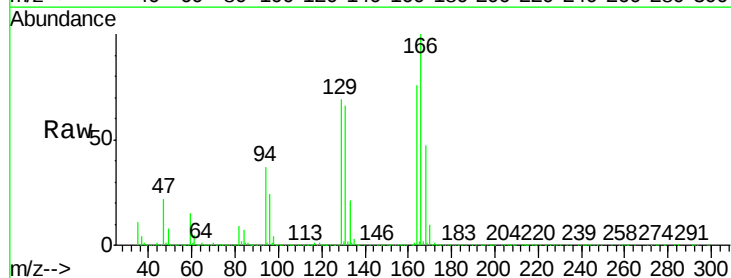
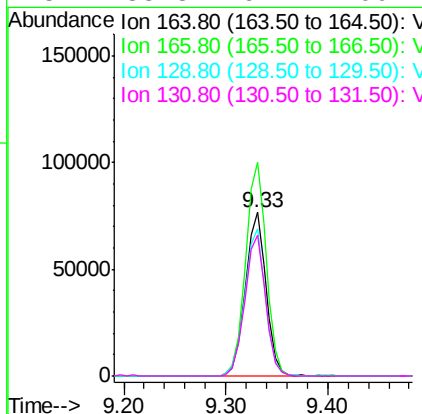
Manual Integrations
APPROVED

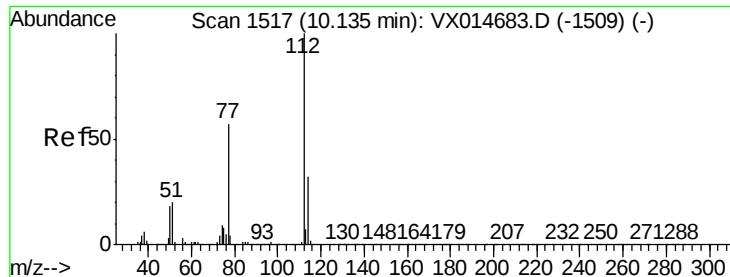
MMDadoda
2/4/2020 3:35:56 PM



#64
Tetrachloroethene
Concen: 17.856 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107652		
166	130.5	100.9	151.3	
129	90.1	71.0	106.6	
131	85.8	67.1	100.7	





#65

Chlorobenzene

Concen: 18.846 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion:112 Resp: 245509

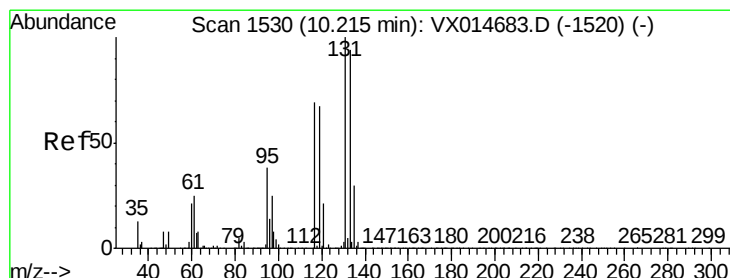
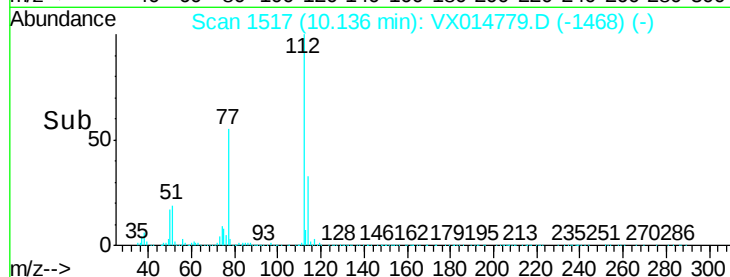
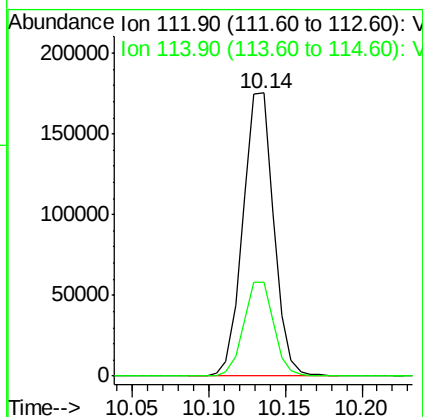
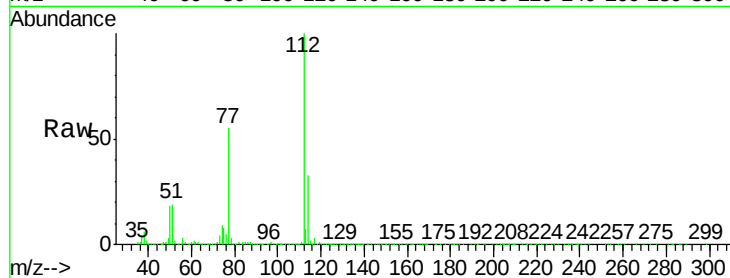
Ion Ratio Lower Upper

112 100

114 33.0 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.205 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

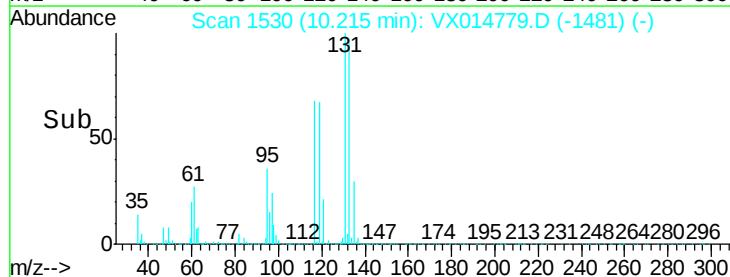
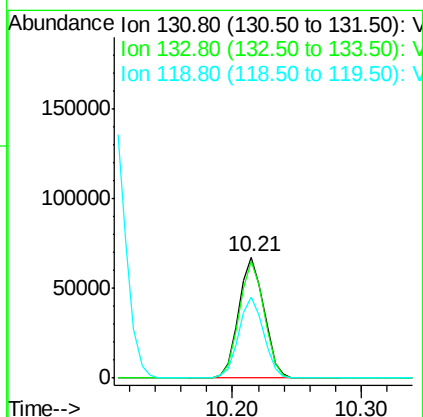
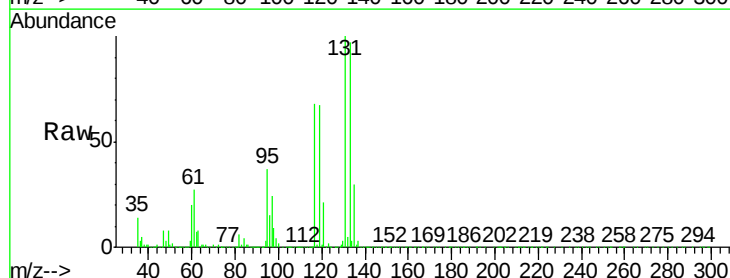
Tgt Ion:131 Resp: 92246

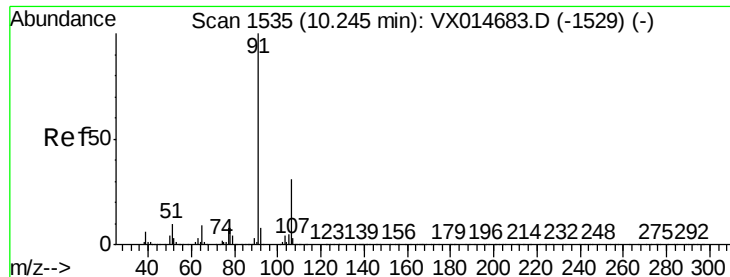
Ion Ratio Lower Upper

131 100

133 95.5 47.4 142.3

119 64.9 33.3 99.8





#67

Ethyl Benzene

Concen: 19.380 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion: 91 Resp: 431093

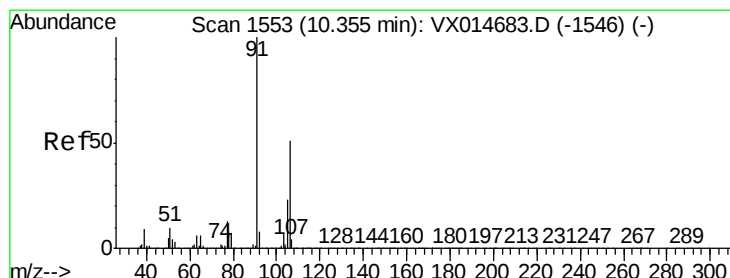
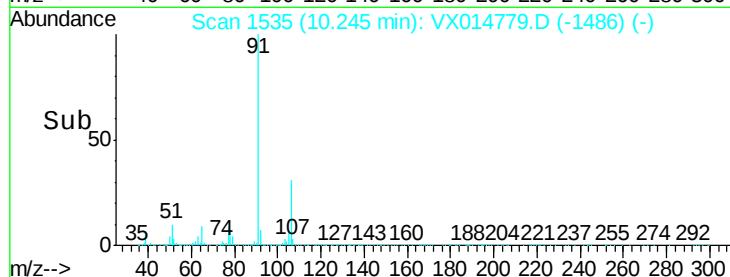
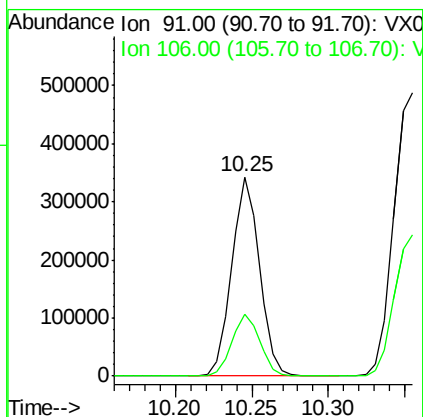
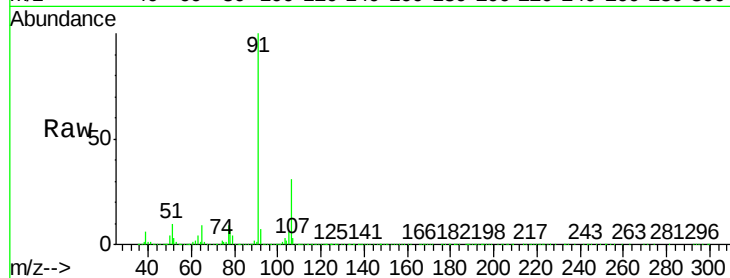
Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.340 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014779.D

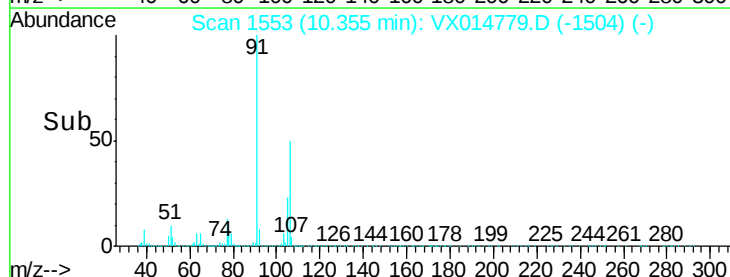
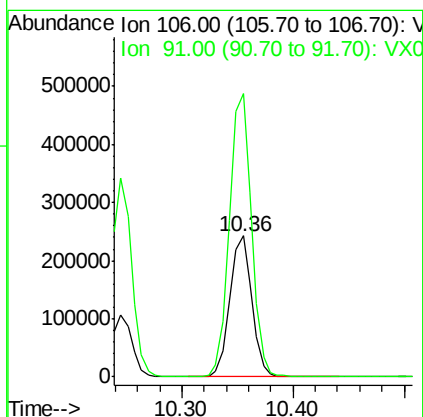
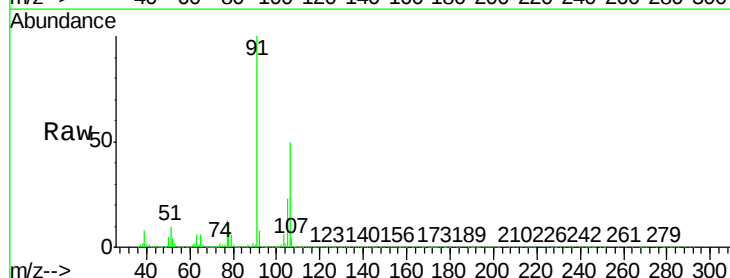
Acq: 31 Jan 2020 13:08

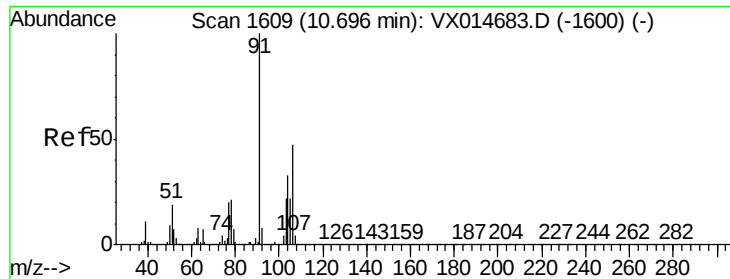
Tgt Ion: 106 Resp: 331527

Ion Ratio Lower Upper

106 100

91 201.6 159.4 239.2





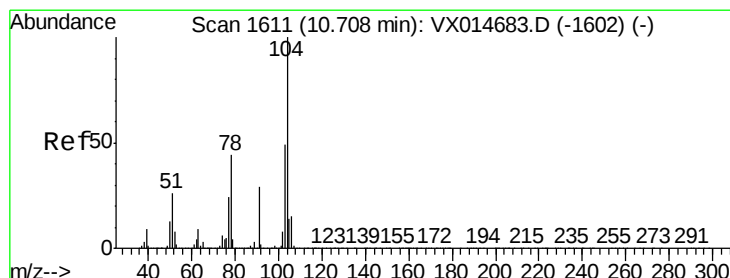
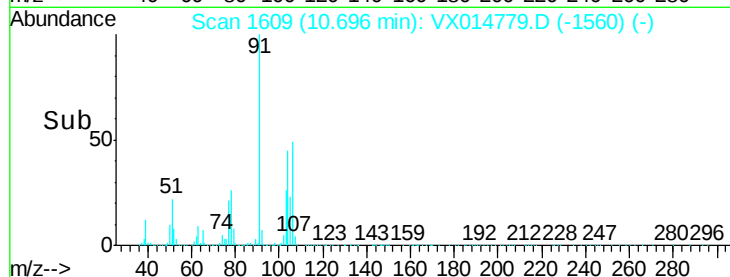
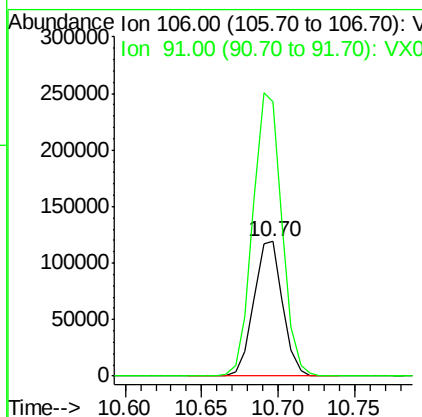
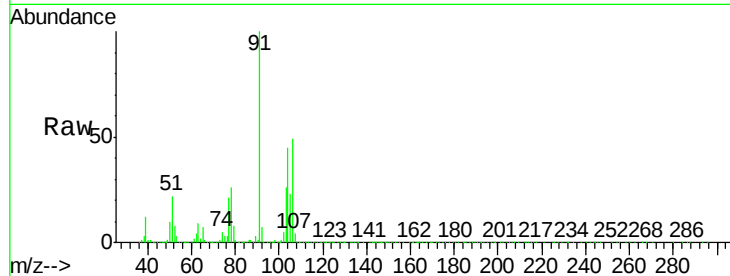
#69
o-Xylene
Concen: 19.126 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.7	106.2	318.6

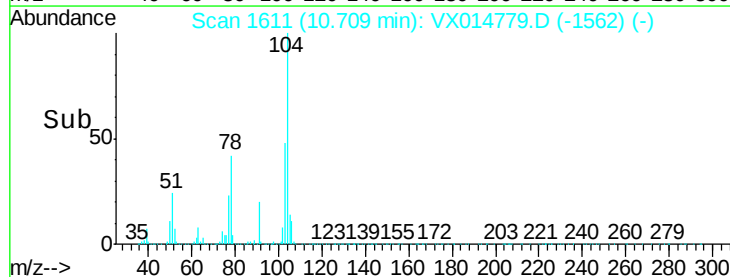
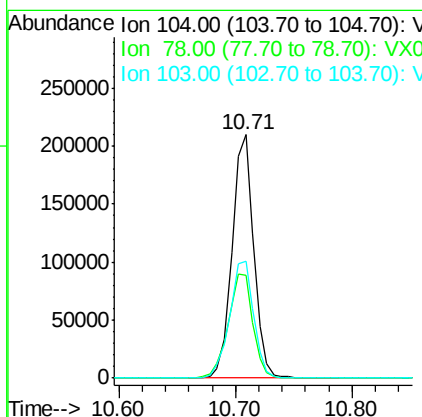
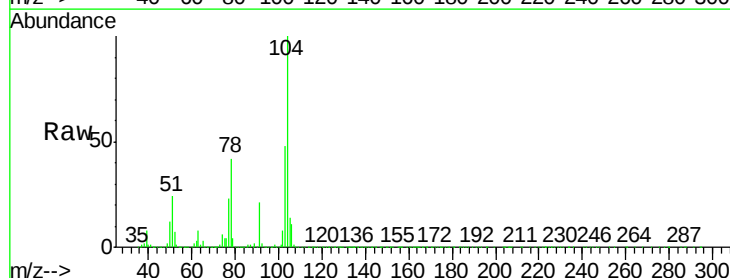
Manual Integrations
APPROVED

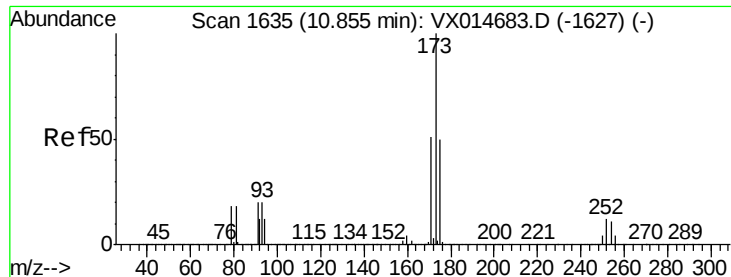
MMDadoda
2/4/2020 3:35:56 PM



#70
Styrene
Concen: 19.878 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.3	58.9
103	54.0	43.5	65.3





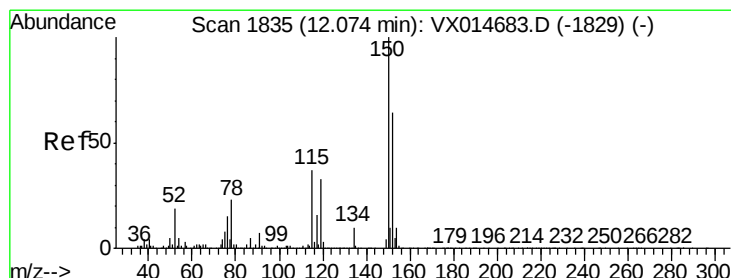
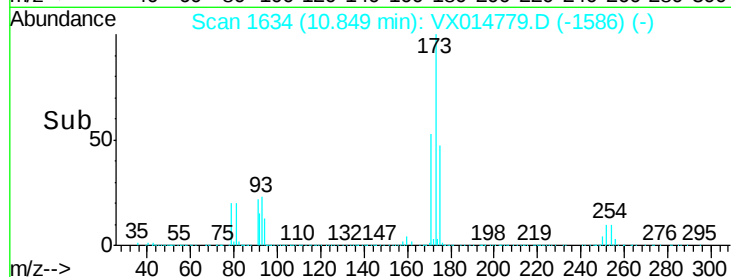
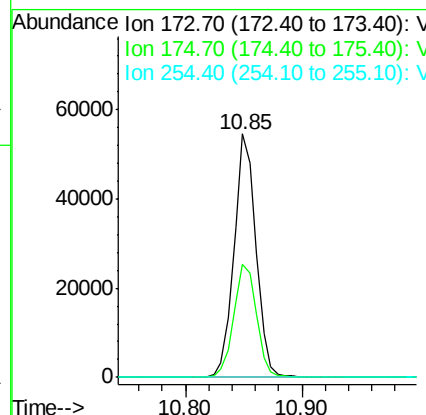
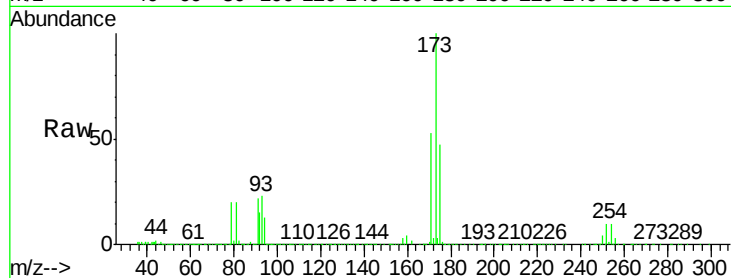
#71
Bromoform
Concen: 18.670 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.6
254	0.5	0.1	0.1#

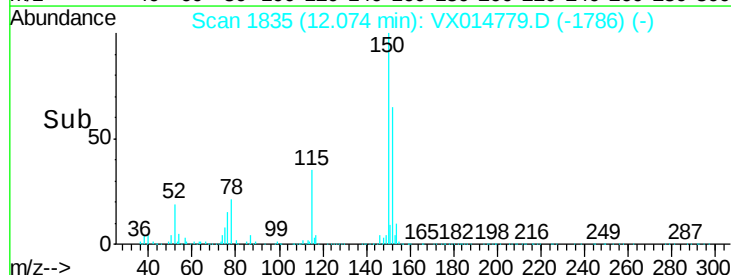
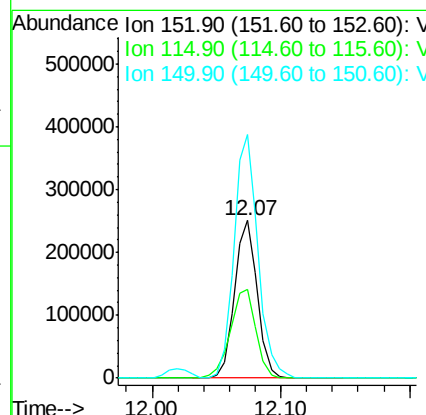
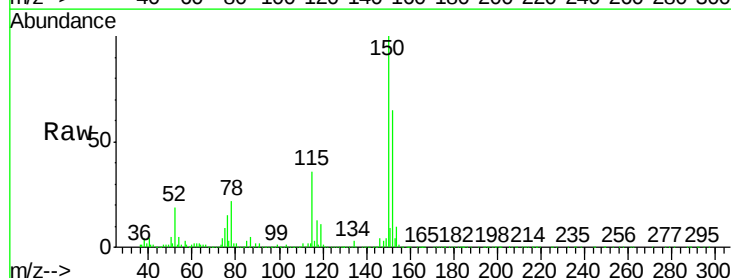
Manual Integrations
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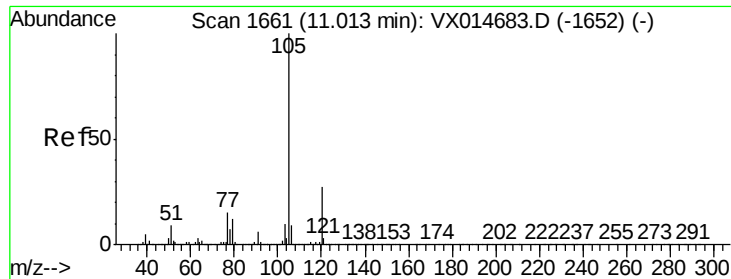
MMDadoda
2/4/2020 3:35:56 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	39.4	118.1
150	162.4	0.0	351.2





#73

Isopropylbenzene

Concen: 19.810 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion: 105 Resp: 430587

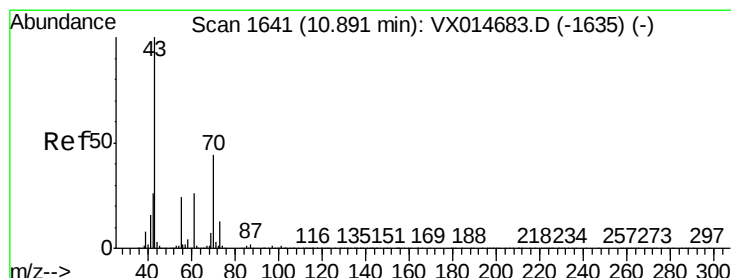
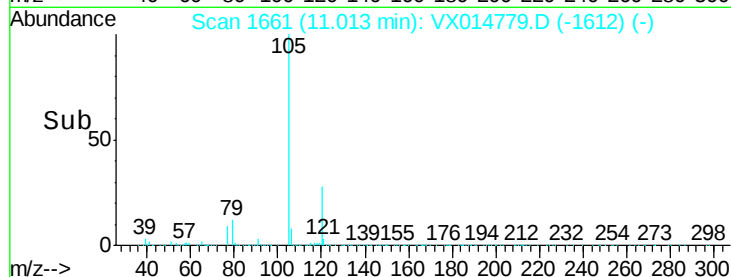
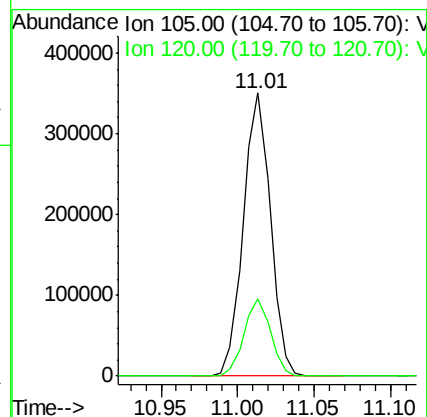
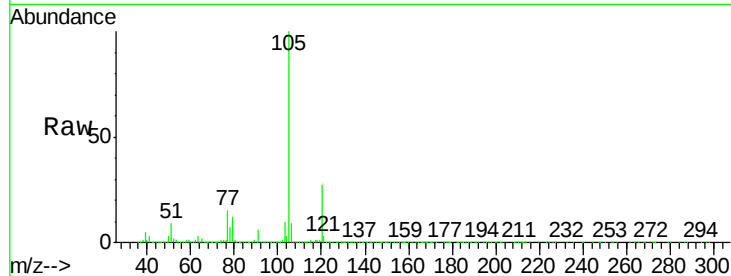
Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.345 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Tgt Ion: 43 Resp: 174736

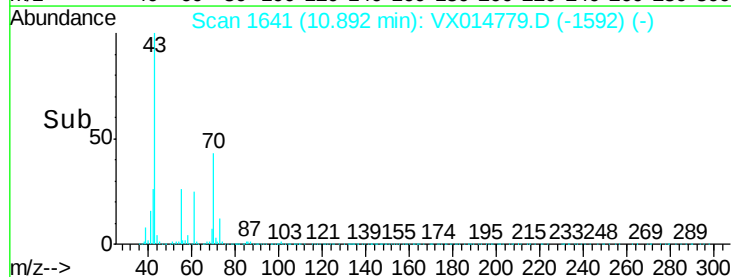
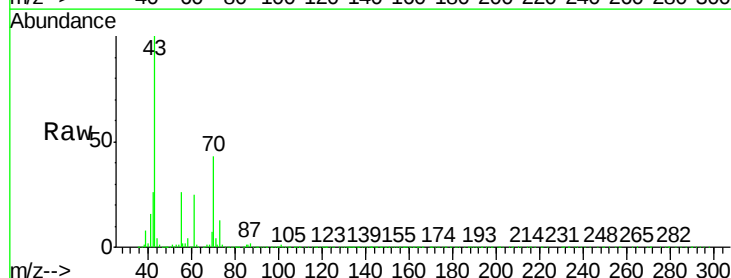
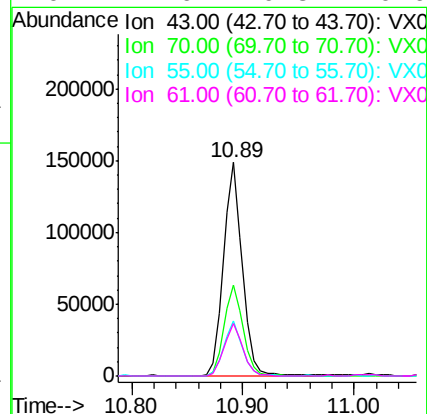
Ion Ratio Lower Upper

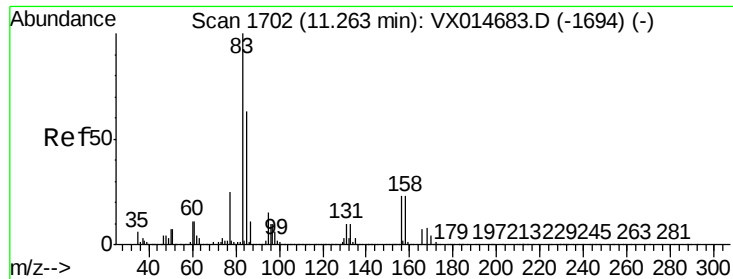
43 100

70 42.8 34.6 52.0

55 24.9 19.4 29.2

61 24.6 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.752 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

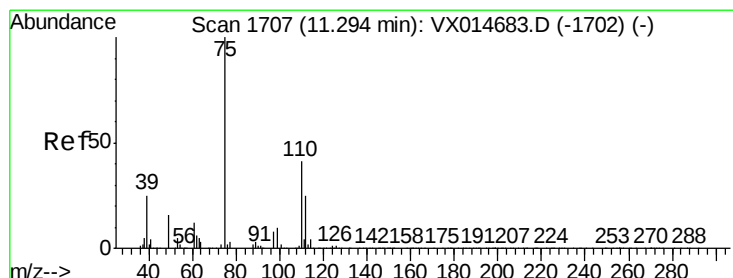
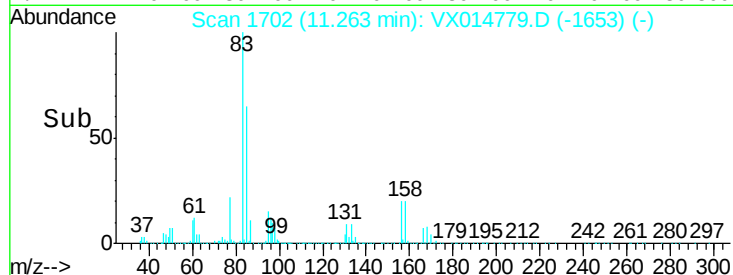
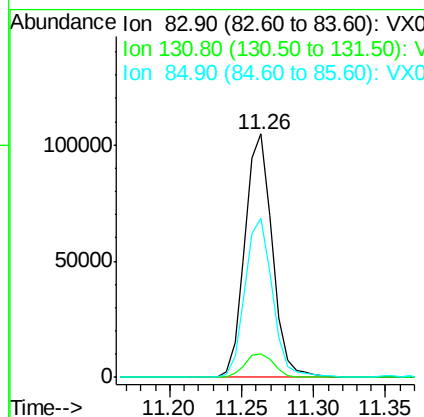
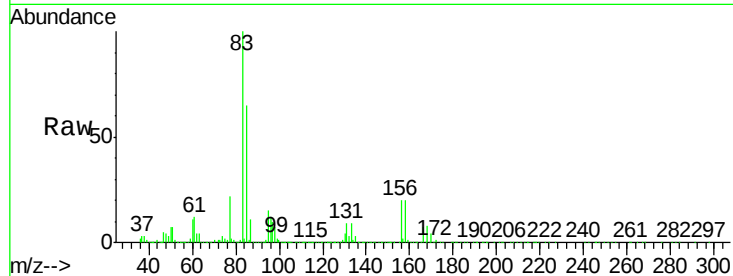
ClientSampleId :

VX0131WBSD02

Tot Ion:	83	Resp:	137770
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	65.1	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.217 ug/l m

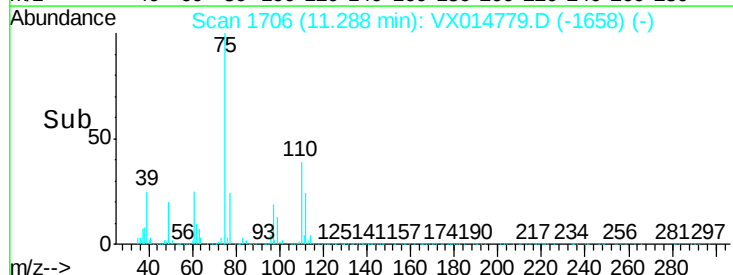
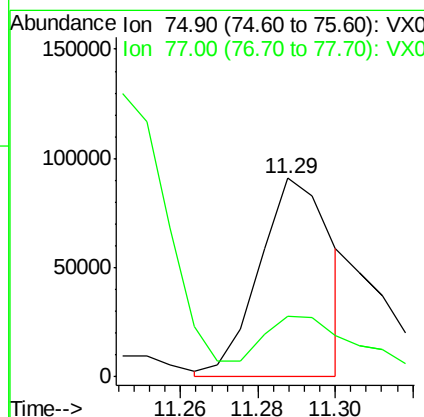
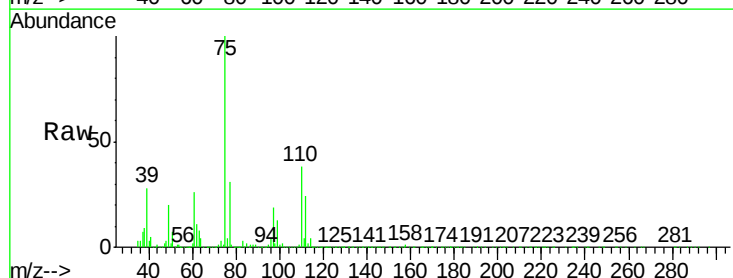
RT: 11.29 min Scan# 1706

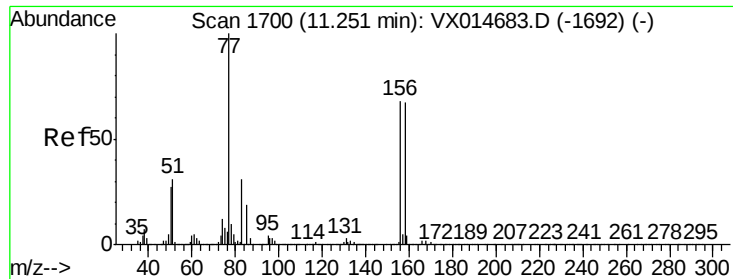
Delta R.T. -0.01 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Tgt Ion:	75	Resp:	116637
Ion Ratio	Lower	Upper	
75	100		
77	42.4	18.7	56.1





#77

Bromobenzene

Concen: 19.191 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

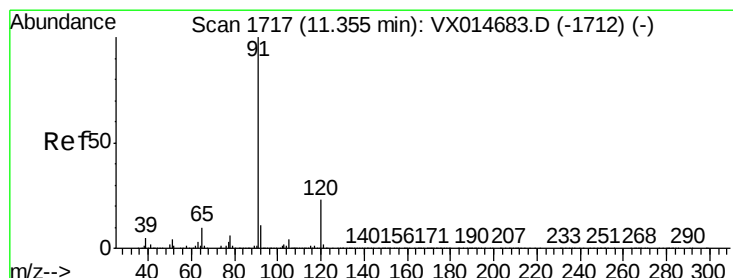
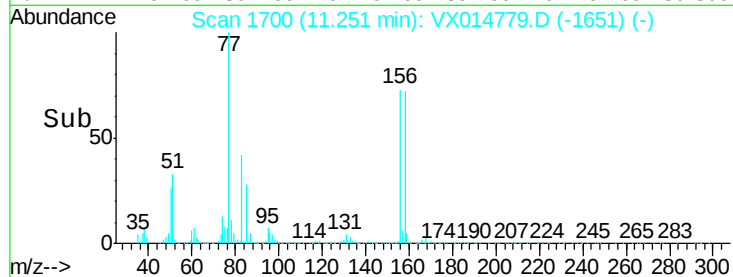
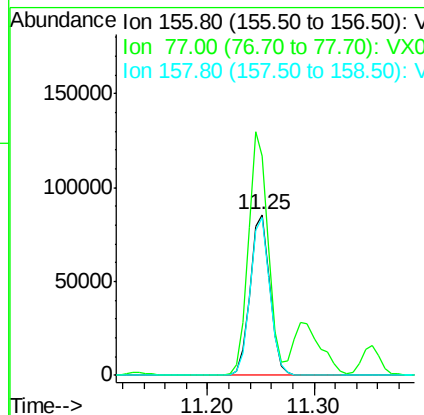
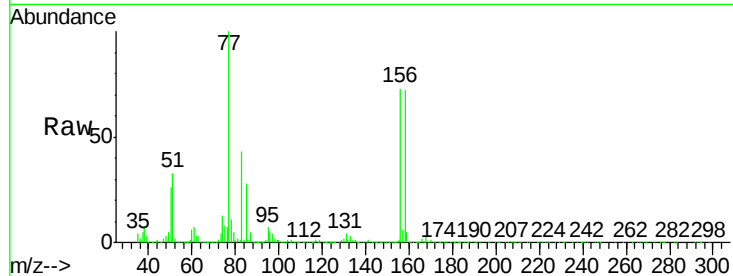
ClientSampleId :

VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.2	77.5	232.5
158	97.2	49.1	147.3

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#78

n-propylbenzene

Concen: 19.618 ug/l

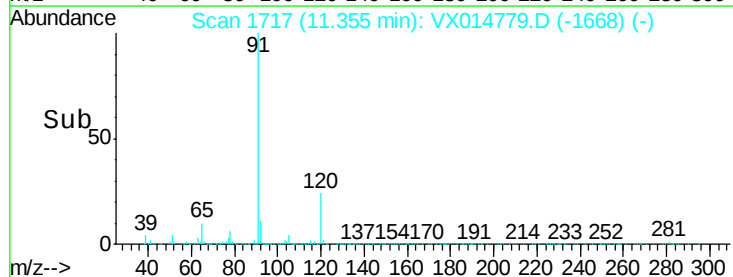
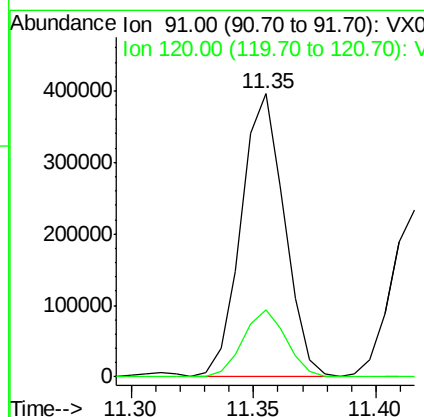
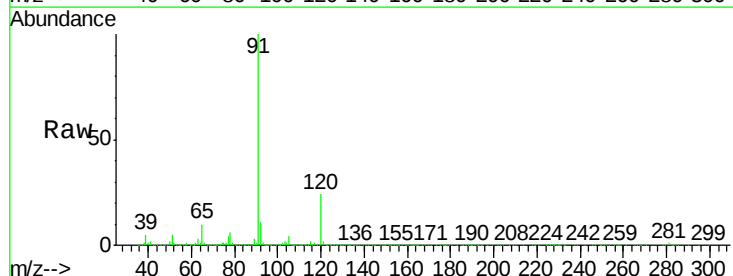
RT: 11.35 min Scan# 1717

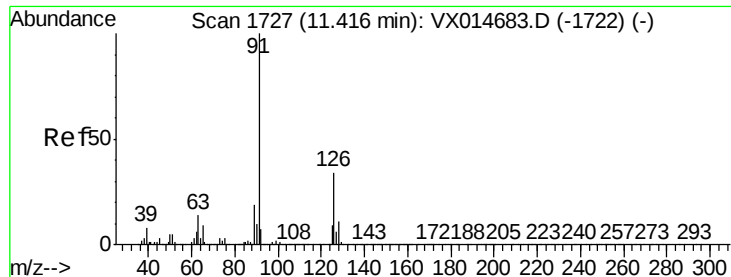
Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.7	35.0





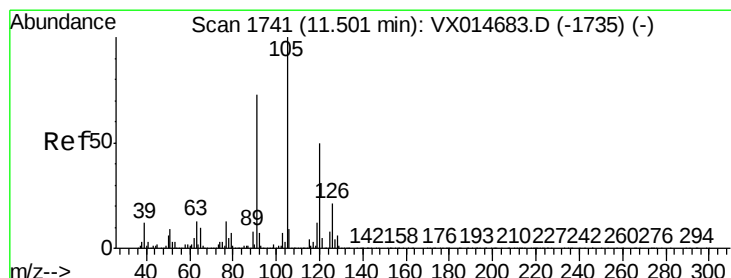
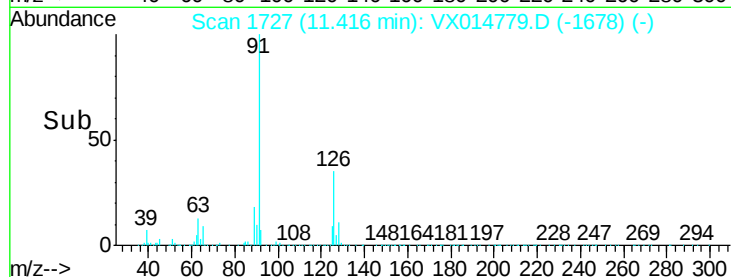
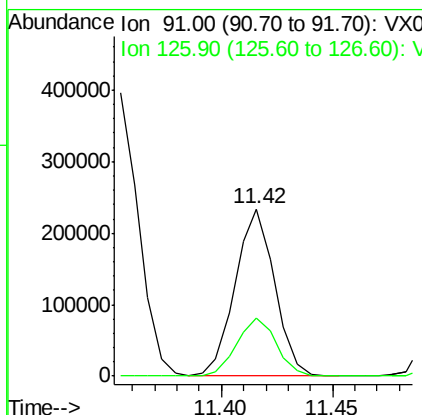
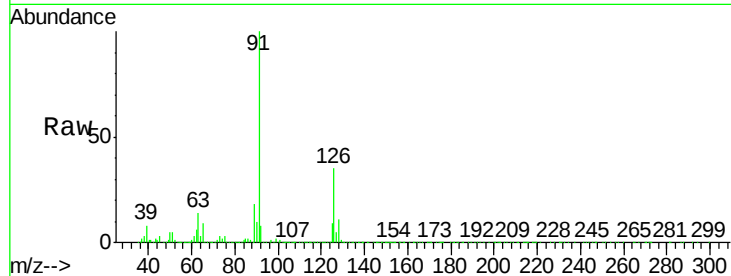
#79
2-Chlorotoluene
Concen: 19.215 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion: 91 Resp: 286842
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.9

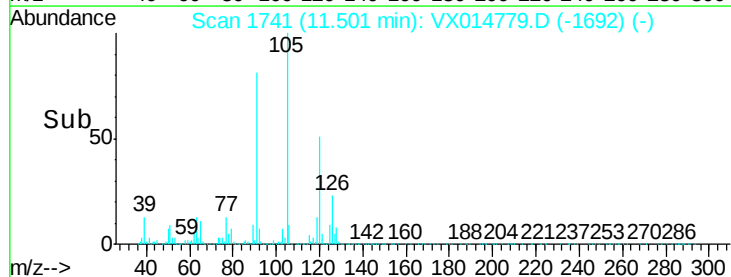
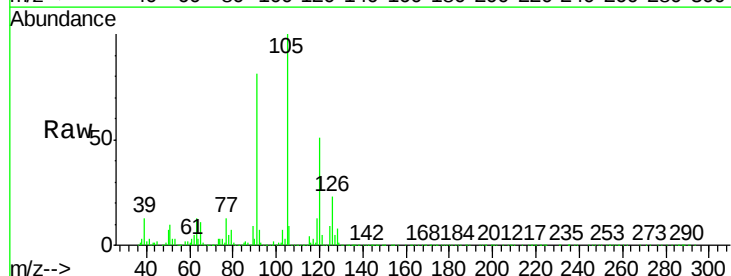
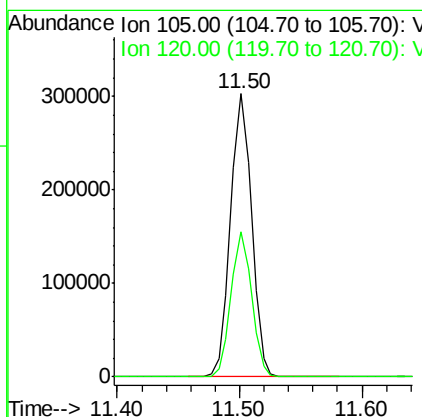
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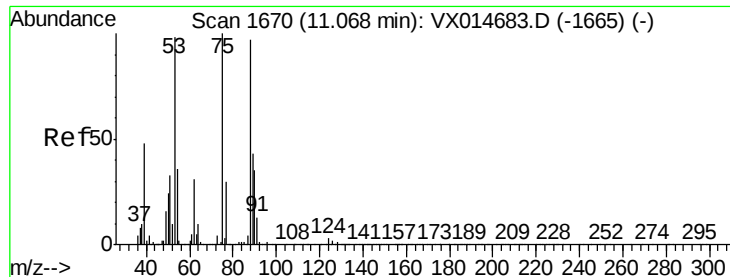
MMDadoda
2/4/2020 3:35:56 PM



#80
1,3,5-Trimethylbenzene
Concen: 19.891 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion: 105 Resp: 358829
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6





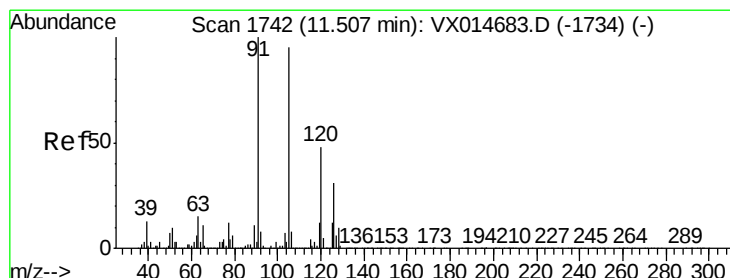
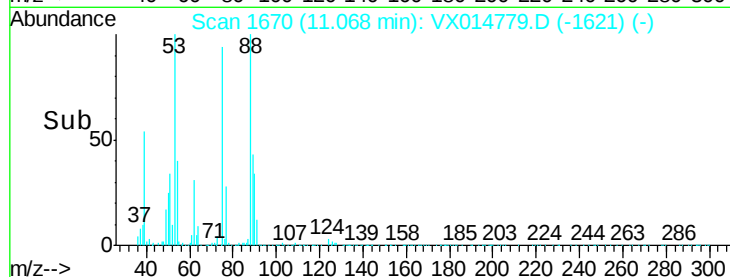
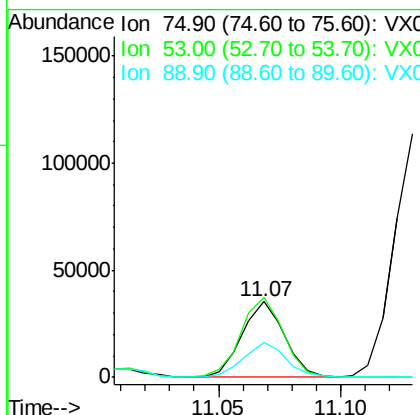
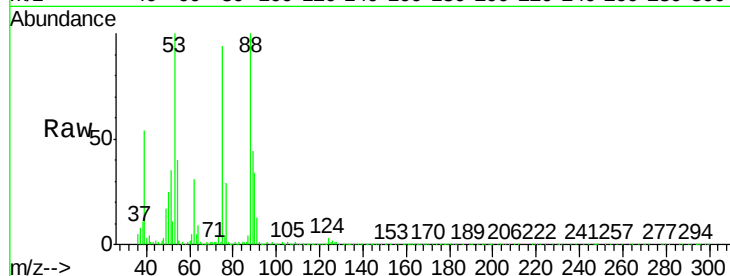
#81
trans-1,4-Dichloro-2-butene
Concen: 16.815 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.2	78.8	118.2
89	47.4	35.4	53.0

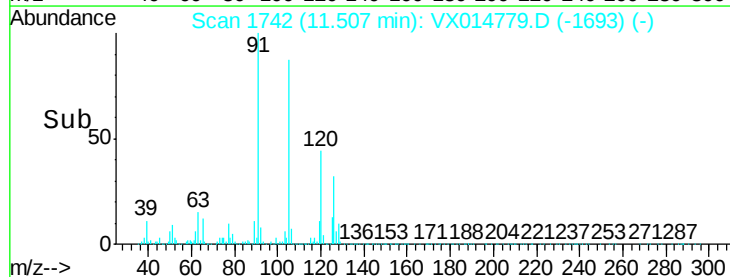
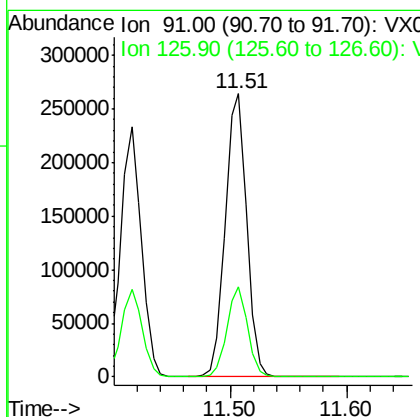
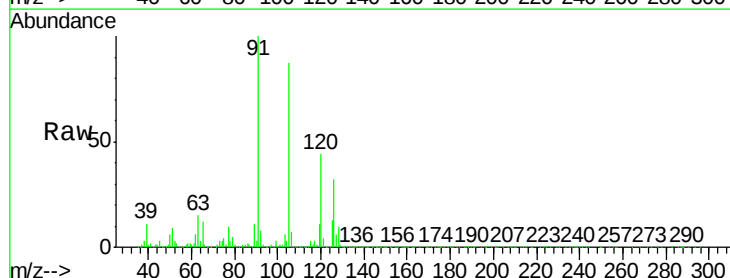
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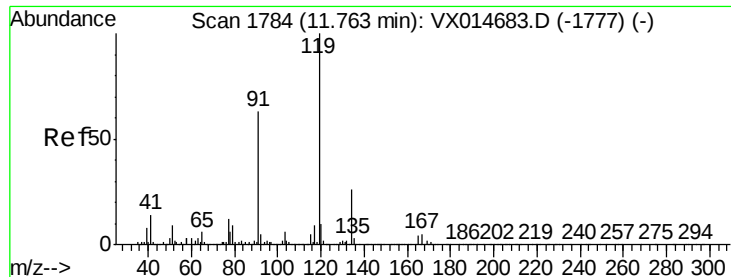
MMDadoda
2/4/2020 3:35:56 PM



#82
4-Chlorotoluene
Concen: 19.745 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.4	46.4





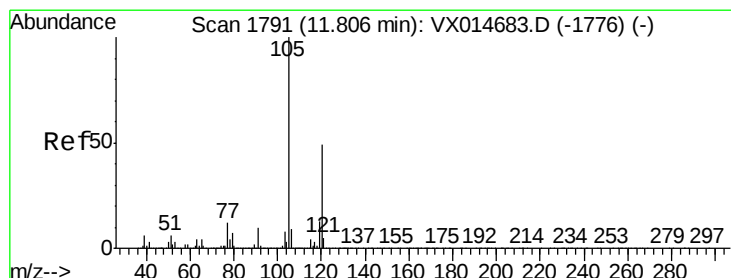
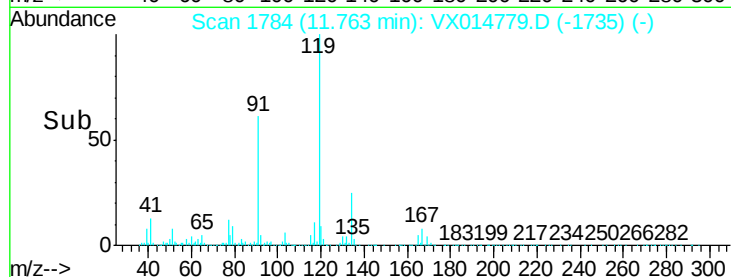
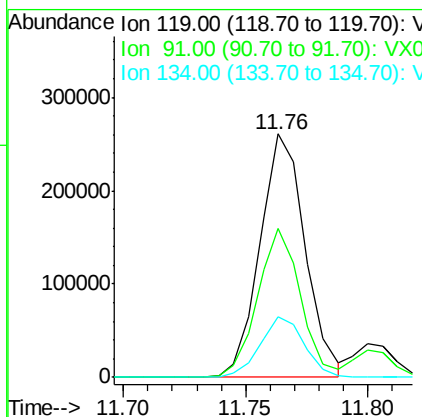
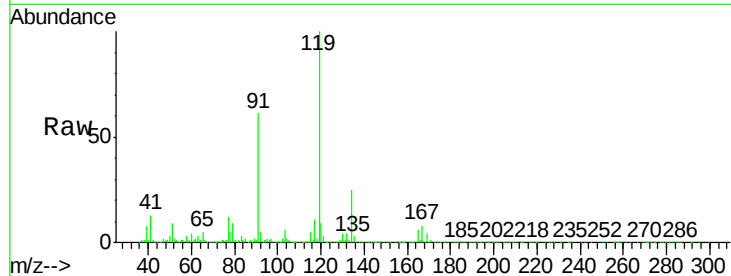
#83
tert-Butylbenzene
Concen: 19.936 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	30.0	90.0
134	24.6	12.7	38.0

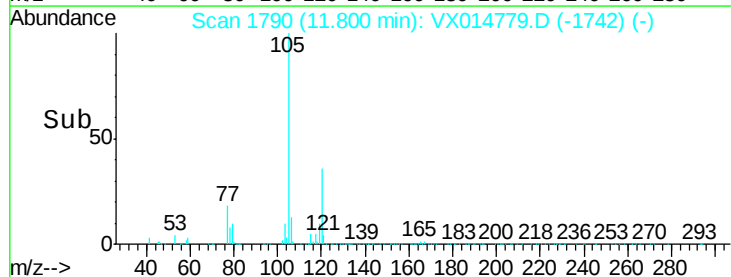
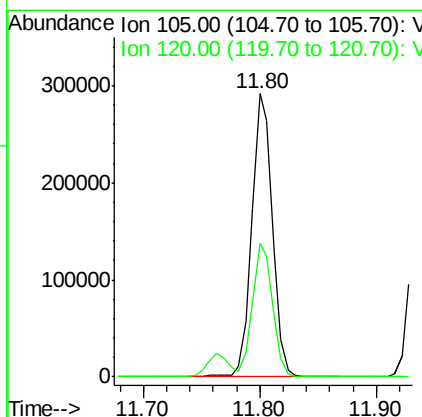
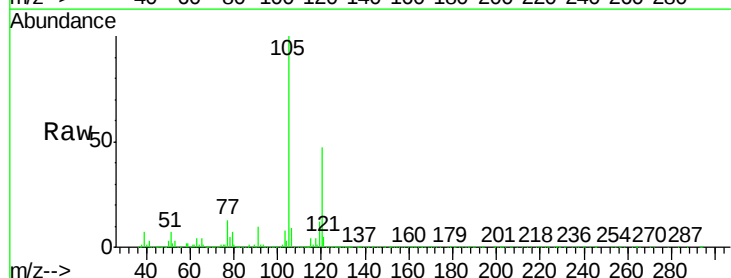
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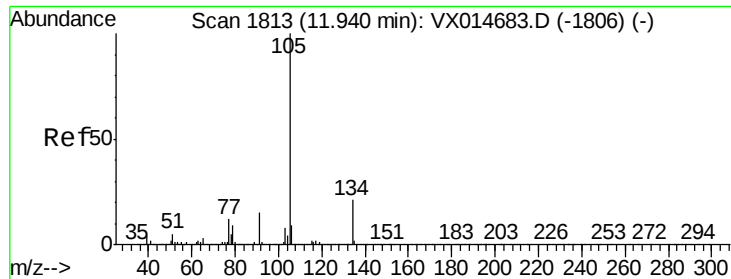
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#84
1,2,4-Trimethylbenzene
Concen: 19.787 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.4	70.0





#85

sec-Butylbenzene

Concen: 19.851 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBSD02

Tot Ion:105 Resp: 412249

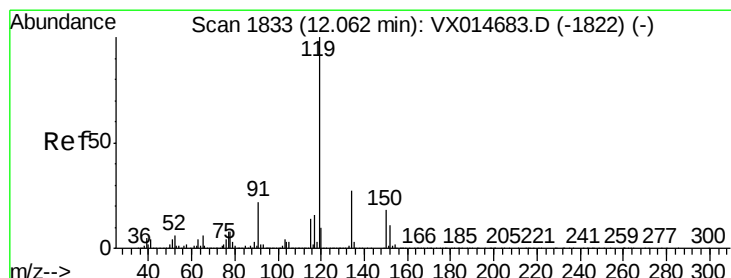
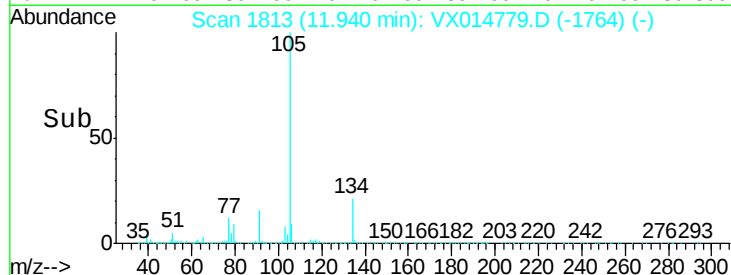
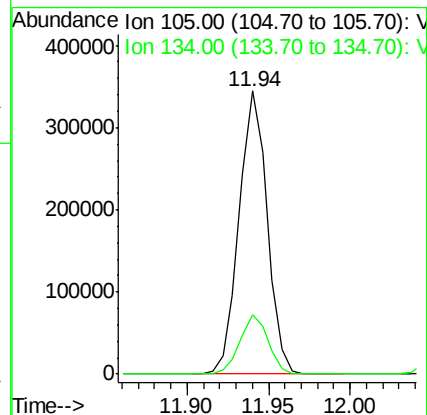
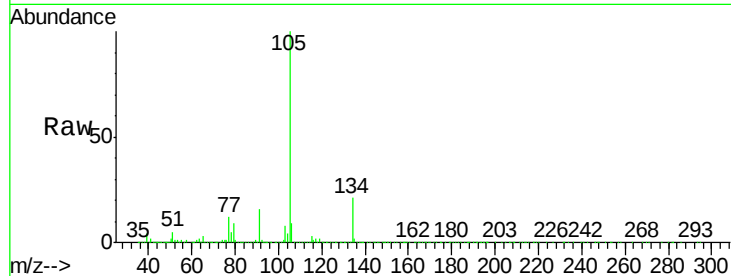
Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.799 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014779.D

Acq: 31 Jan 2020 13:08

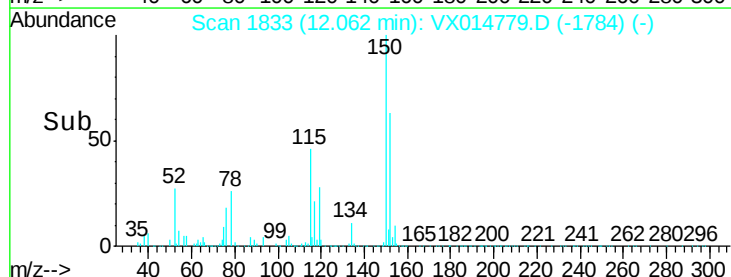
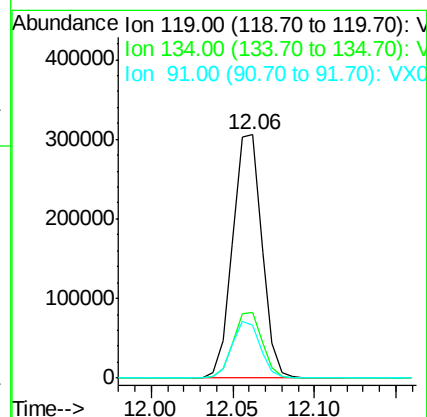
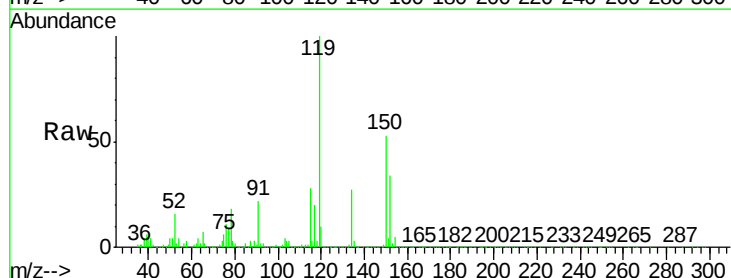
Tgt Ion:119 Resp: 379985

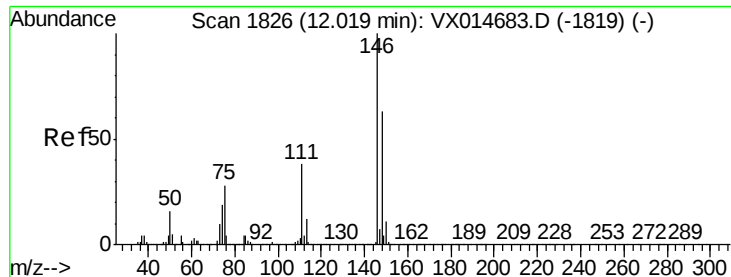
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.7 11.3 33.8





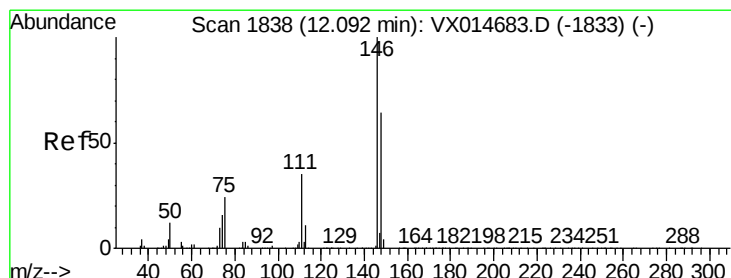
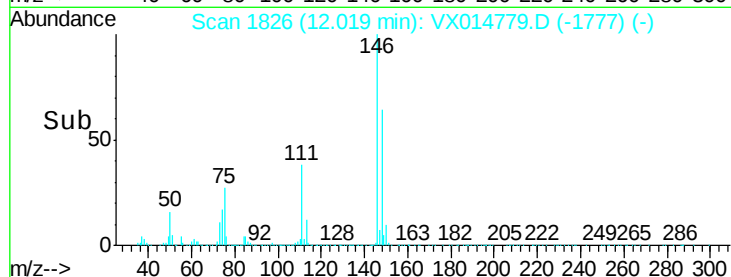
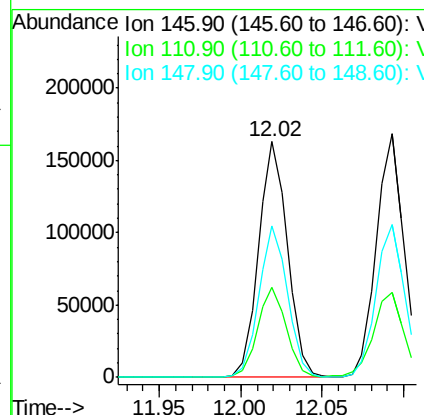
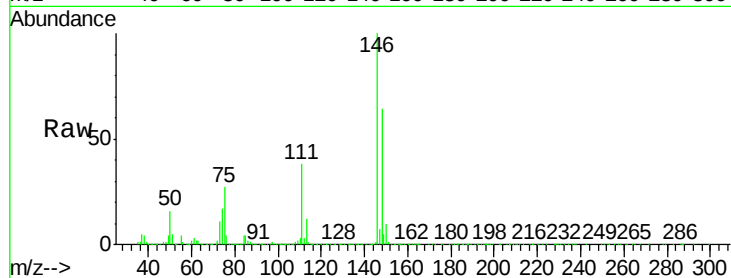
#87
 1,3-Dichlorobenzene
 Concen: 19.184 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	63.4	31.6	95.0

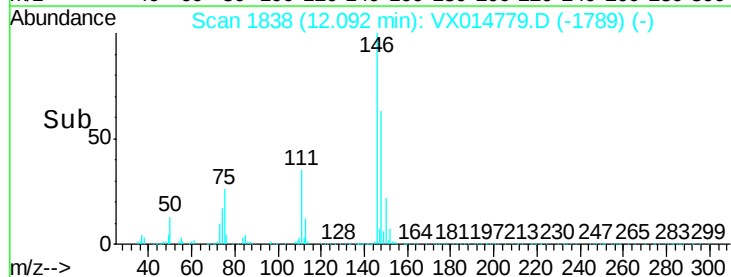
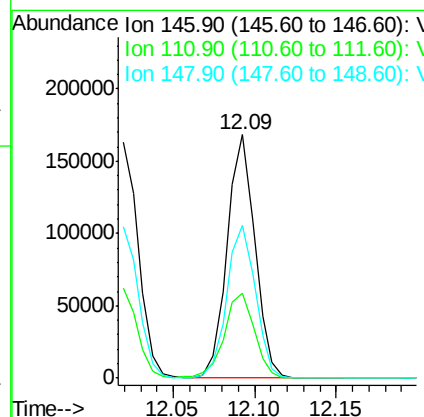
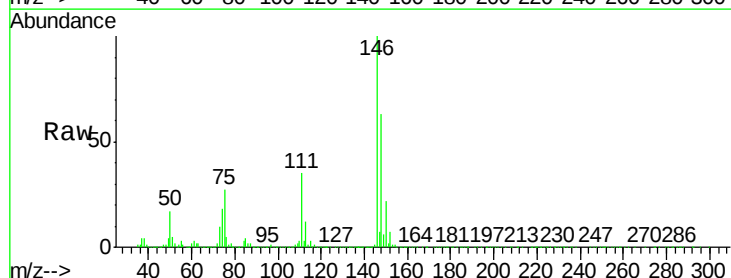
Manual Integrations
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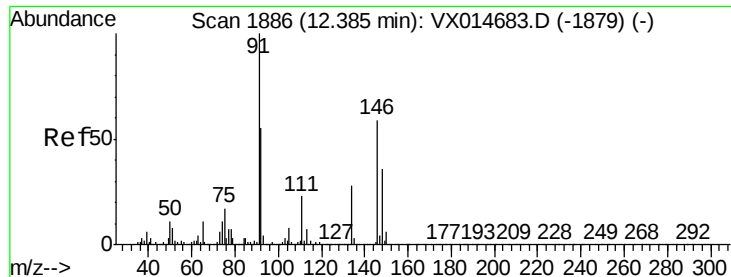
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#88
 1,4-Dichlorobenzene
 Concen: 18.975 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.8
148	65.1	32.0	96.2





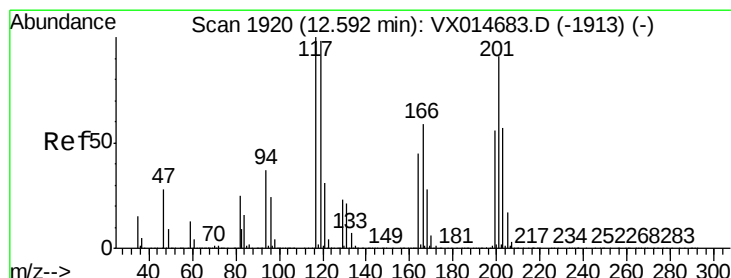
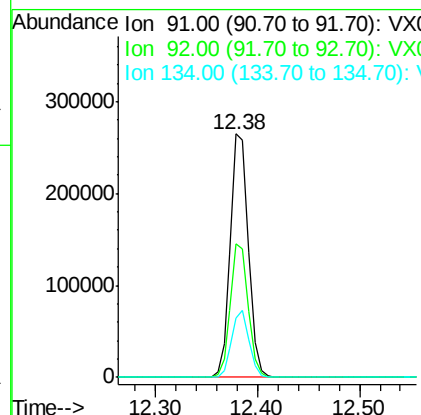
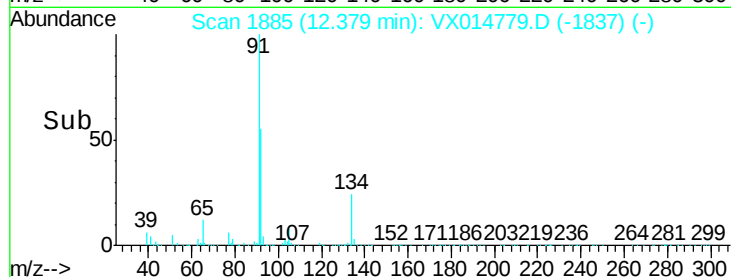
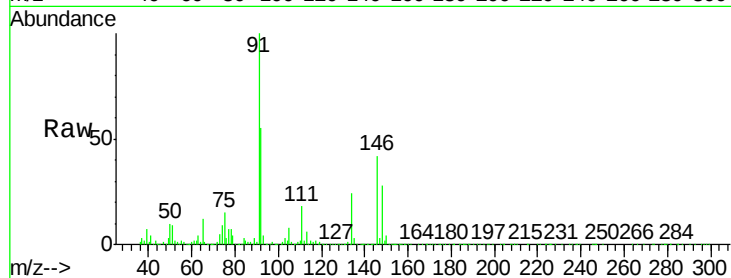
#89
n-Butylbenzene
Concen: 19.379 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.6	82.7
134	26.4	13.3	39.8

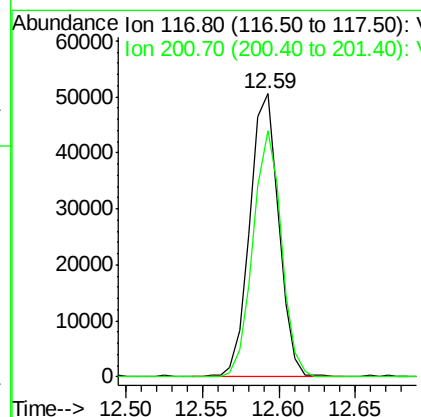
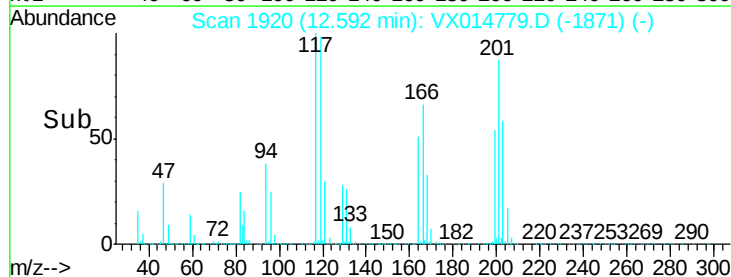
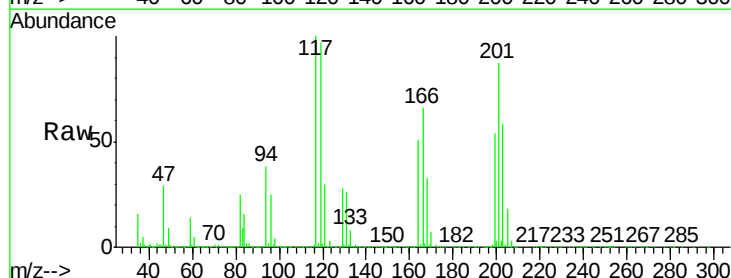
Manual Integrations
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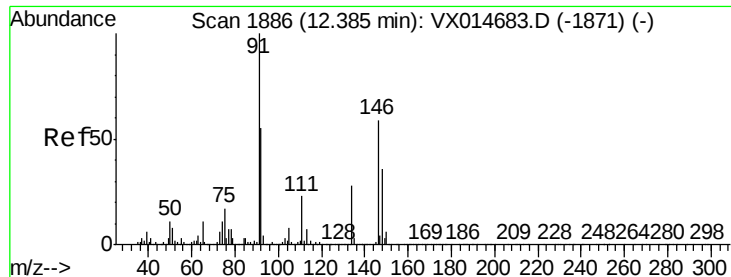
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2/4/2020 3:35:56 PM



#90
Hexachloroethane
Concen: 18.755 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.2	44.4	133.1





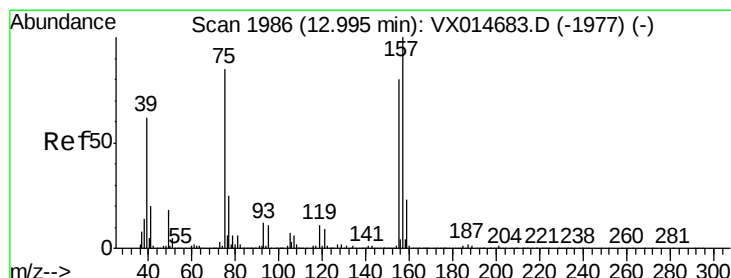
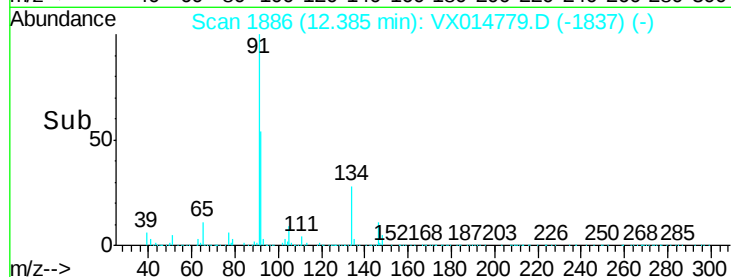
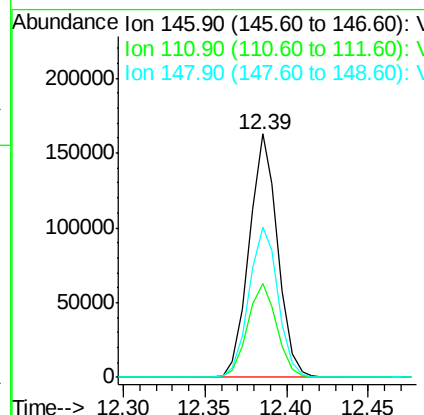
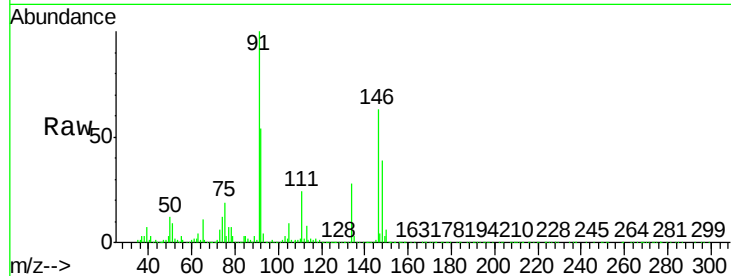
#91
 1,2-Dichlorobenzene
 Concen: 18.971 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.8
148	63.2	31.9	95.9

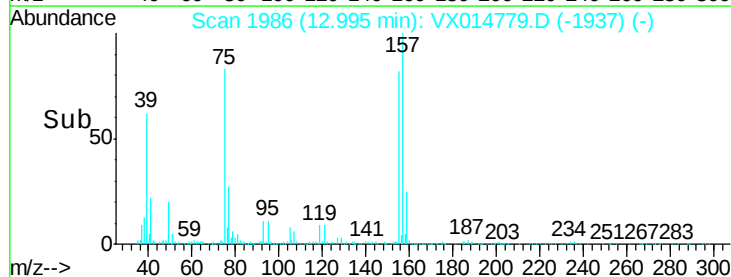
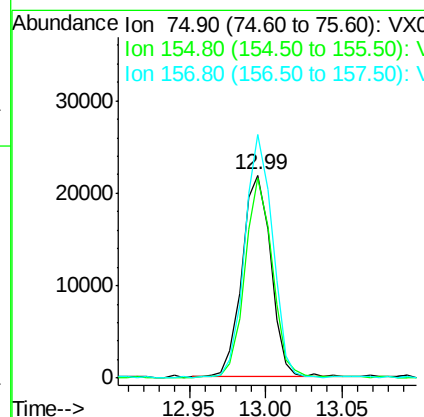
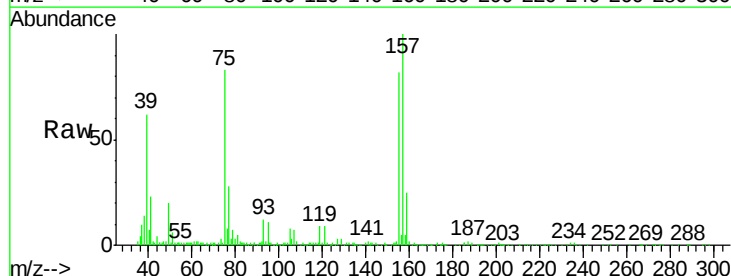
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.241 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	45.6	136.9
157	115.4	60.3	180.9





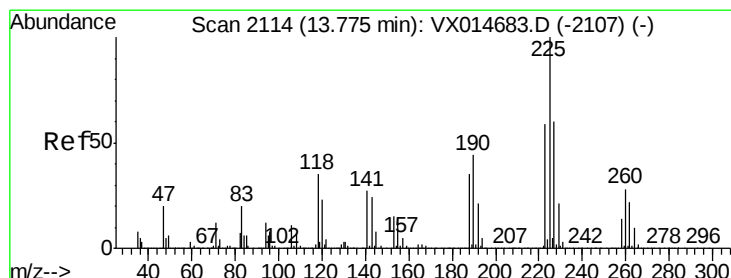
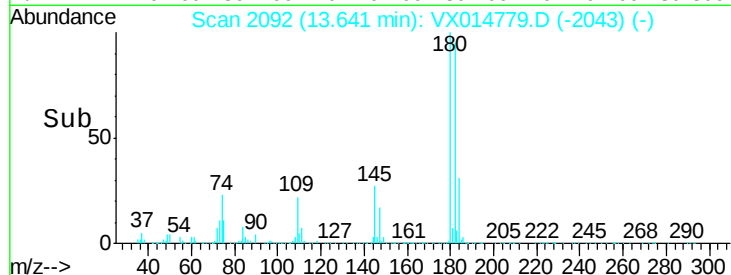
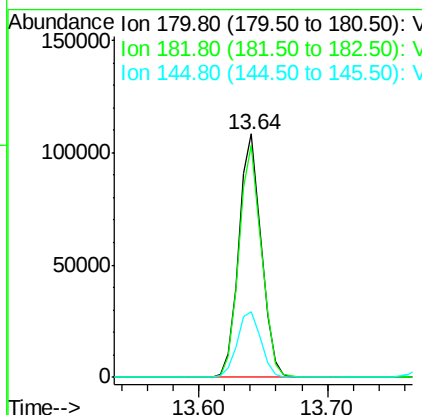
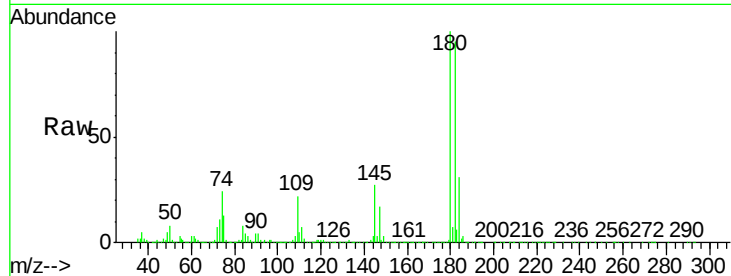
#93
 1,2,4-Trichlorobenzene
 Concen: 19.548 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	131356		
182	95.4	48.5	145.6	
145	28.2	14.0	41.9	

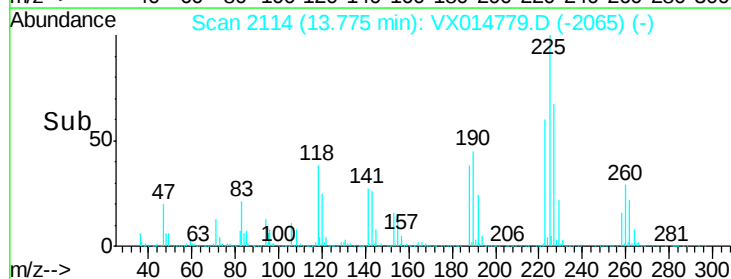
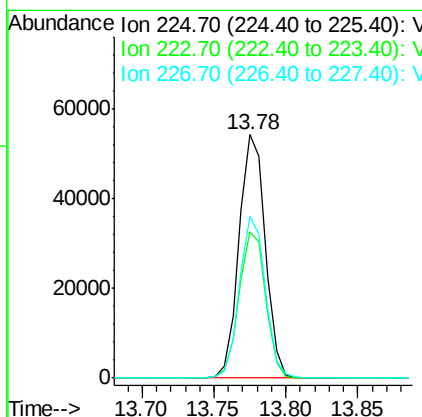
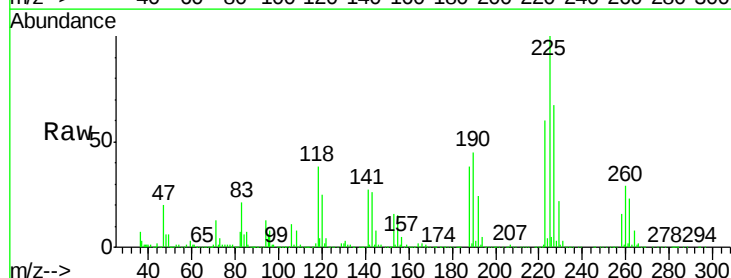
Manual Integrations
 APPROVED

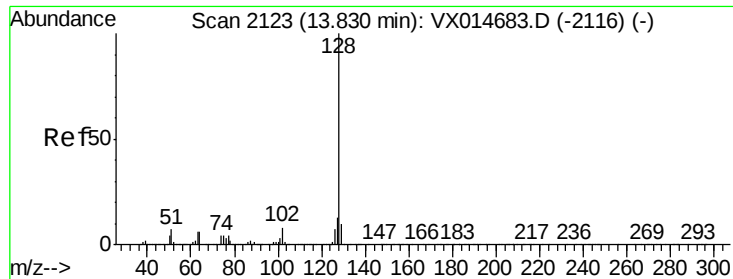
MMDadoda
 2/4/2020 3:35:56 PM



#94
 Hexachlorobutadiene
 Concen: 19.896 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014779.D
 Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68813		
223	60.9	30.6	91.8	
227	65.6	31.4	94.0	





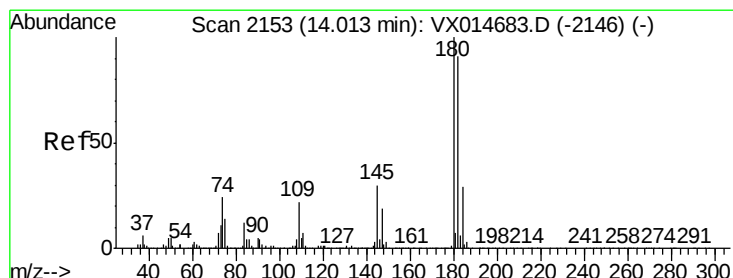
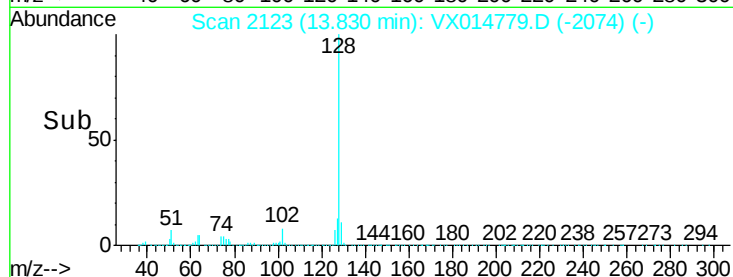
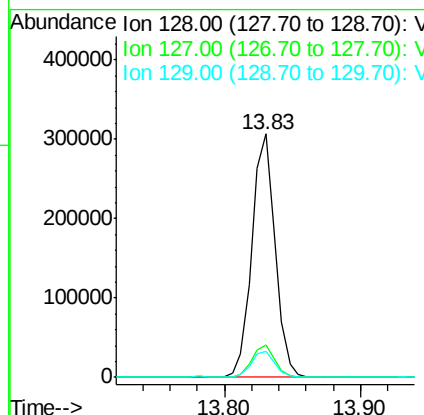
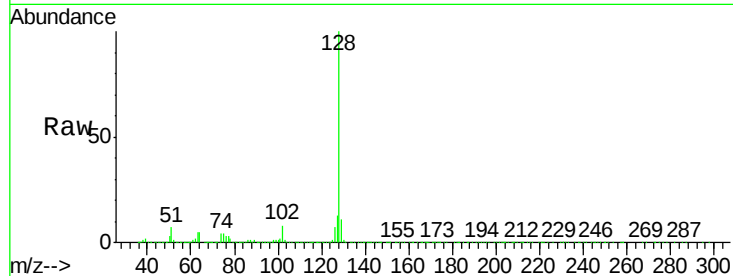
#95
Naphthalene
Concen: 17.634 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:35:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.714 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014779.D
Acq: 31 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.6	139.7
145	30.9	14.7	44.1

