

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014881.D
 Acq On : 10 Feb 2020 11:46
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:36:20 AM

Quant Time: Feb 10 12:09:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 11:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	437427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	625492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	349409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	742770	132.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	265.98%	
35) Dibromofluoromethane	5.49	113	612322	128.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	256.80%	
50) Toluene-d8	8.71	98	2359075	146.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.52%	
62) 4-Bromofluorobenzene	11.14	95	897875	164.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	664416	166.468	ug/l	99
3) Chloromethane	1.32	50	743576	161.433	ug/l	99
4) Vinyl Chloride	1.41	62	782150	157.007	ug/l	99
5) Bromomethane	1.63	94	560446	176.031	ug/l	97
6) Chloroethane	1.70	64	472016	144.938	ug/l	100
7) Trichlorofluoromethane	1.92	101	1074153	153.172	ug/l	100
8) Diethyl Ether	2.18	74	437482	149.260	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	596647	144.041	ug/l	100
10) Methyl Iodide	2.50	142	724645	217.575	ug/l	99
11) Tert butyl alcohol	3.05	59	695065	815.459	ug/l	99
12) 1,1-Dichloroethene	2.36	96	617380	156.013	ug/l	99
13) Acrolein	2.28	56	508134	773.131	ug/l	99
14) Allyl chloride	2.72	41	1072999	151.712	ug/l	99
15) Acrylonitrile	3.14	53	1722760	791.703	ug/l	99
16) Acetone	2.44	43	1894538	616.370	ug/l	99
17) Carbon Disulfide	2.56	76	1756740	160.337	ug/l	99
18) Methyl Acetate	2.76	43	782784	161.190	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	2024532	158.044	ug/l	98
20) Methylene Chloride	2.85	84	672097	137.912	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	669707	151.894	ug/l	98
22) Diisopropyl ether	3.84	45	2087609	155.661	ug/l	94
23) Vinyl Acetate	3.81	43	8546798	769.815	ug/l	99
24) 1,1-Dichloroethane	3.69	63	1158942	152.127	ug/l	99
25) 2-Butanone	4.66	43	2565891	771.046	ug/l	99
26) 2,2-Dichloropropane	4.58	77	1006540	153.340	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	755333	154.453	ug/l	99
28) Bromochloromethane	5.01	49	450556	176.336	ug/l	100
29) Tetrahydrofuran	5.11	42	1510068	811.288	ug/l	100
30) Chloroform	5.20	83	1160938	153.263	ug/l	99
31) Cyclohexane	5.57	56	1053346	157.859	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	1027272	156.986	ug/l	99
36) 1,1-Dichloropropene	5.79	75	912547	156.950	ug/l	100
37) Ethyl Acetate	4.82	43	950061	156.435	ug/l	100
38) Carbon Tetrachloride	5.78	117	902001	160.403	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1122484	153.023	ug/l	100
40) Benzene	6.14	78	2657462	151.122	ug/l	97
41) Methacrylonitrile	5.03	41	535899	167.230	ug/l	99
42) 1,2-Dichloroethane	6.19	62	940617	146.599	ug/l	99
43) Isopropyl Acetate	6.43	43	1625399	164.371	ug/l	99
44) Trichloroethene	7.21	130	776148	152.196	ug/l	100
45) 1,2-Dichloropropane	7.51	63	682548	152.633	ug/l	99
46) Dibromomethane	7.65	93	462801	150.860	ug/l	99
47) Bromodichloromethane	7.89	83	953244	159.384	ug/l	97
48) Methyl methacrylate	7.76	41	821358	171.403	ug/l	99
49) 1,4-Dioxane	7.73	88	290780	3131.468	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	4877359	814.929	ug/l	98
52) Toluene	8.78	92	1712698	154.482	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1109650	173.773	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1181290	164.685	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	693368	154.257	ug/l	99
56) Ethyl methacrylate	9.17	69	1151774	178.244	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1165892	153.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	2757004	787.966	ug/l	99
59) 2-Hexanone	9.49	43	3895156	833.978	ug/l	98
60) Dibromochloromethane	9.58	129	802908	172.184	ug/l	98
61) 1,2-Dibromoethane	9.67	107	747853	153.762	ug/l	100
64) Tetrachloroethene	9.33	164	896399	156.332	ug/l	98
65) Chlorobenzene	10.14	112	1908146	150.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	726590	161.387	ug/l	99
67) Ethyl Benzene	10.25	91	3362774	158.536	ug/l	100
68) m/p-Xylenes	10.36	106	2607805	320.072	ug/l	96
69) o-Xylene	10.70	106	1272672	163.010	ug/l	99
70) Styrene	10.71	104	2226404	171.918	ug/l	100
71) Bromoform	10.85	173	658232	182.535	ug/l	99
73) Isopropylbenzene	11.01	105	3293485	151.057	ug/l	99
74) N-amyl acetate	10.89	43	1534006	178.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1081201	150.601	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1018555m	134.863	ug/l	
77) Bromobenzene	11.25	156	911111	148.803	ug/l	99
78) n-propylbenzene	11.35	91	3839589	152.848	ug/l	99
79) 2-Chlorotoluene	11.42	91	2233884	150.291	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2875142	160.778	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	411322	194.894	ug/l	97
82) 4-Chlorotoluene	11.51	91	2700980	154.419	ug/l	100
83) tert-Butylbenzene	11.77	119	2712858	158.294	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	2869063	158.319	ug/l	99
85) sec-Butylbenzene	11.94	105	3305165	155.604	ug/l	100
86) p-Isopropyltoluene	12.06	119	3148689	159.088	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1669378	152.609	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1671552	152.382	ug/l	99
89) n-Butylbenzene	12.39	91	2873943	164.029	ug/l	98
90) Hexachloroethane	12.59	117	577542	171.223	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1640213	153.410	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	248783	146.331	ug/l	97

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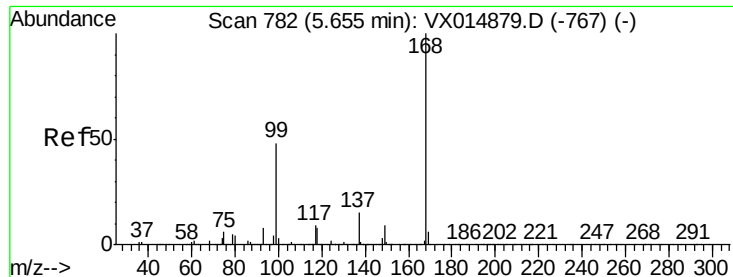
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1256405	161.857	ug/l	98
94) Hexachlorobutadiene	13.78	225	591530	154.758	ug/l	99
95) Naphthalene	13.83	128	3466087	172.578	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1201100	159.637	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion:168 Resp: 437427

Ion Ratio Lower Upper

168 100

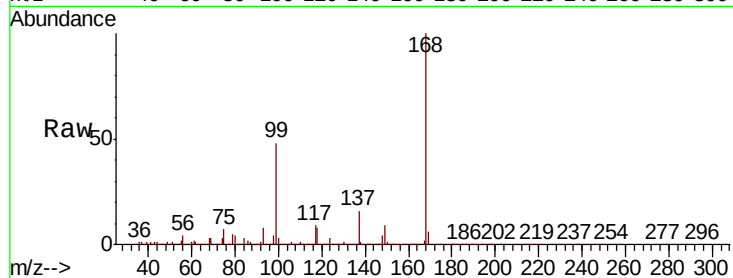
99 48.2 38.7 58.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

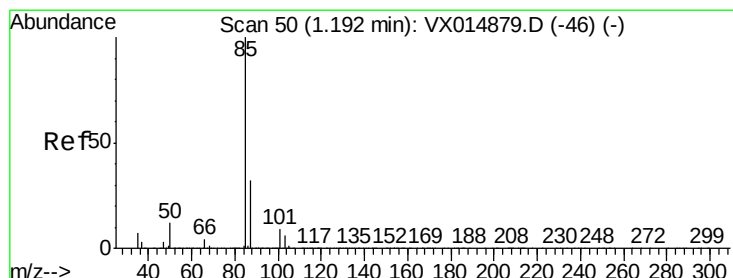
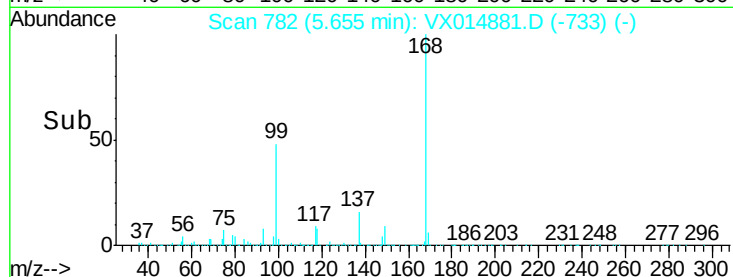
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 166.468 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014881.D

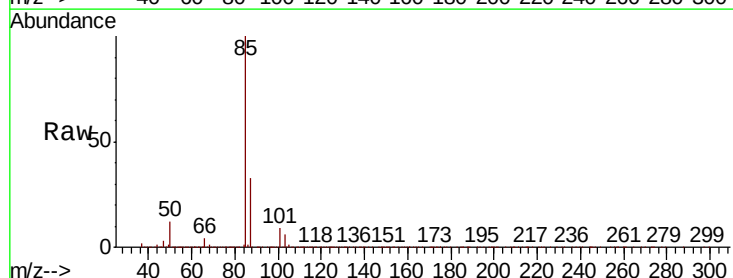
Acq: 10 Feb 2020 11:46

Tgt Ion: 85 Resp: 664416

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

800000

600000

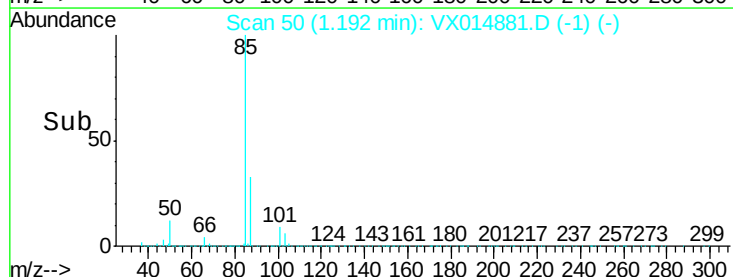
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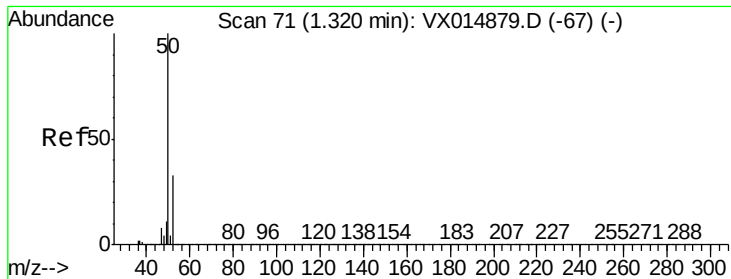
200000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 161.433 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 743576

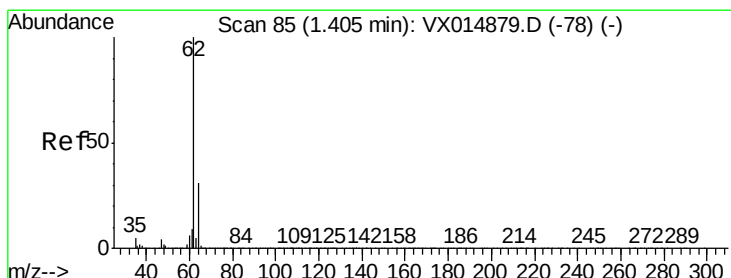
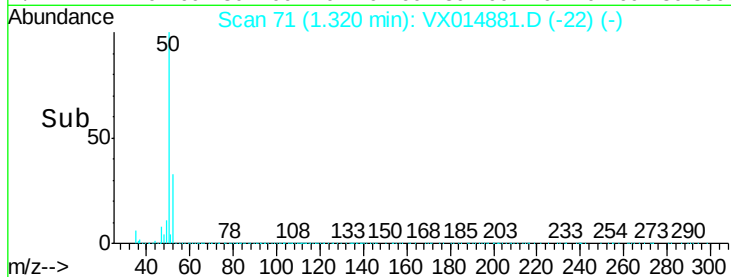
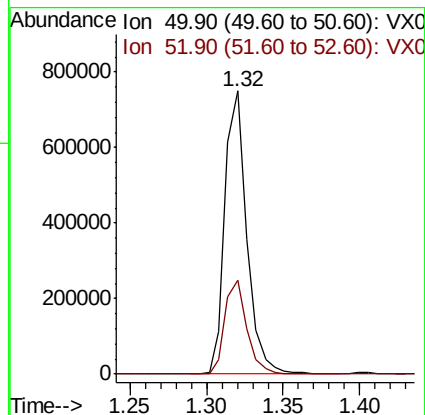
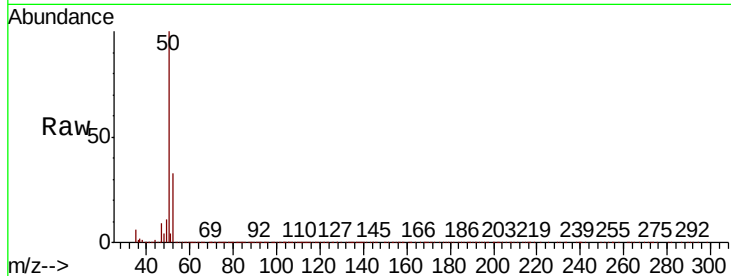
Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2

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#4

Vinyl Chloride

Concen: 157.007 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.00 min

Lab File: VX014881.D

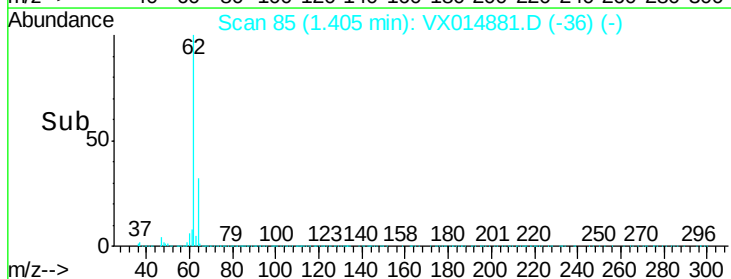
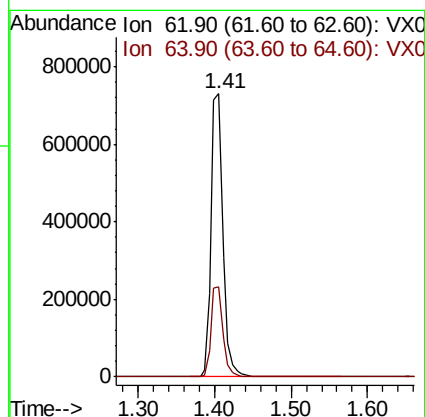
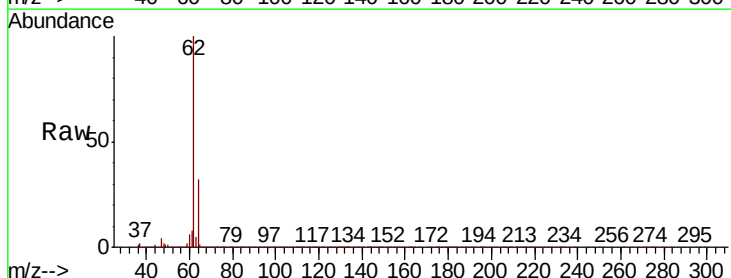
Acq: 10 Feb 2020 11:46

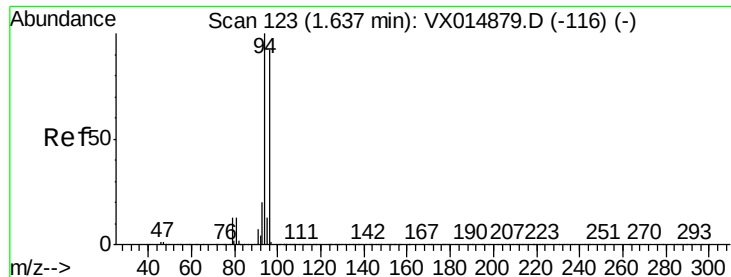
Tgt Ion: 62 Resp: 782150

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2





#5

Bromomethane

Concen: 176.031 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 560446

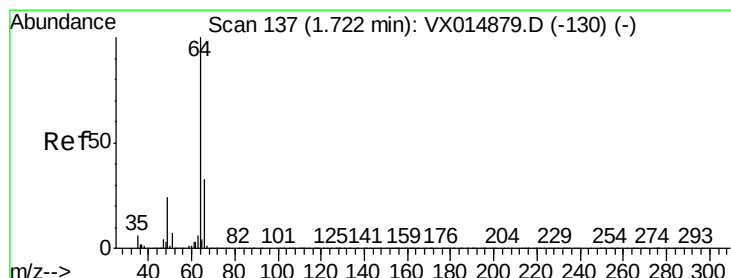
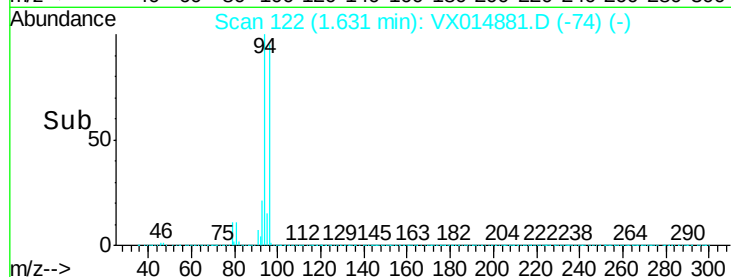
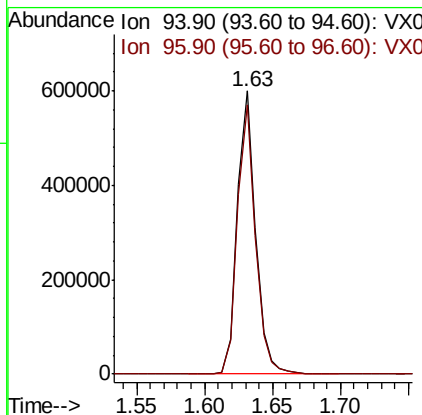
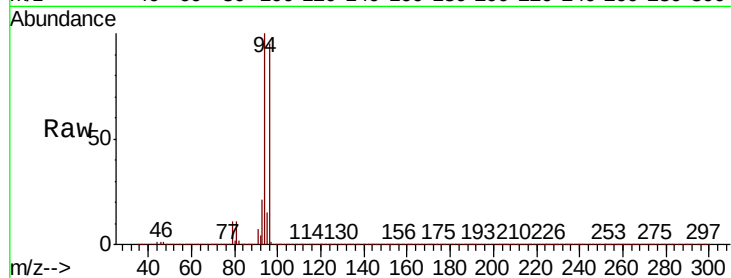
Ion Ratio Lower Upper

94 100

96 95.3 73.7 110.5

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#6

Chloroethane

Concen: 144.938 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.02 min

Lab File: VX014881.D

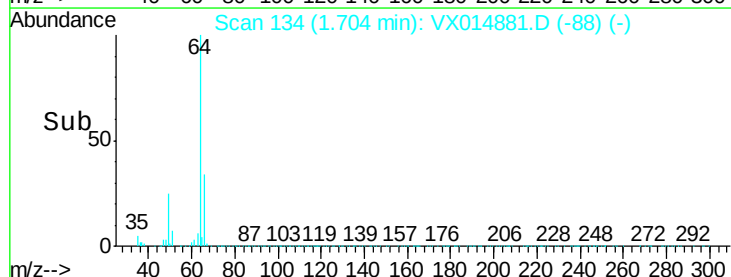
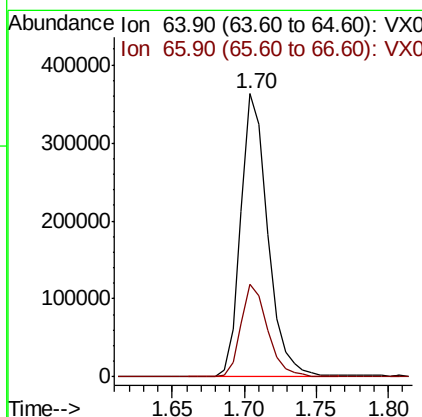
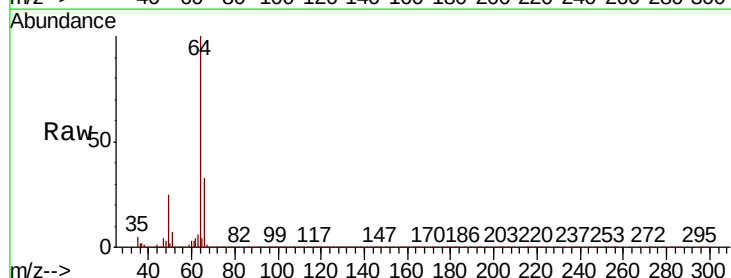
Acq: 10 Feb 2020 11:46

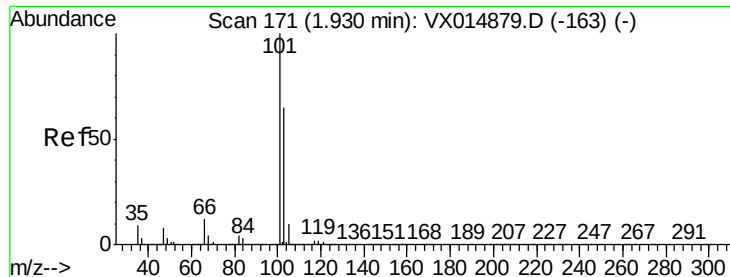
Tgt Ion: 64 Resp: 472016

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.4





#7

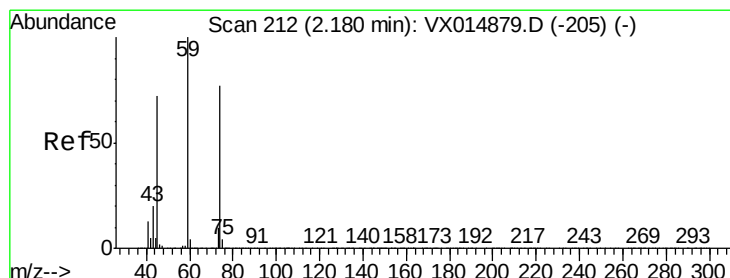
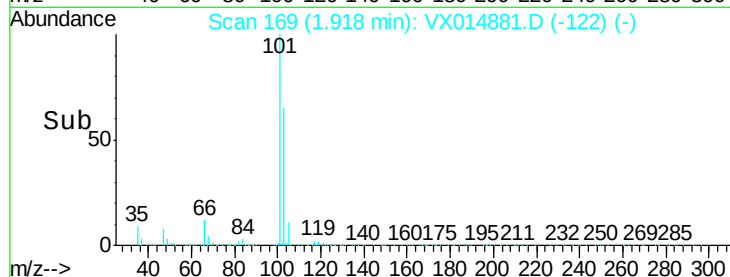
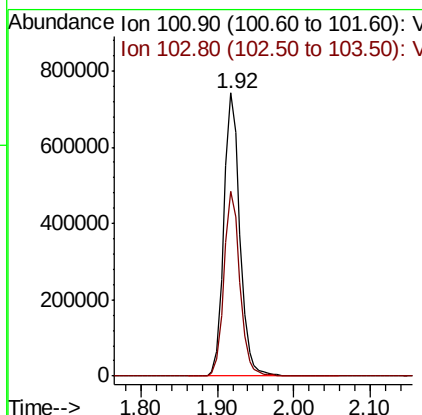
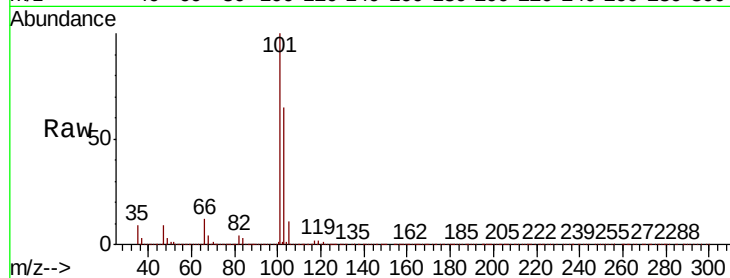
Trichlorofluoromethane
Concen: 153.172 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 1074153
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

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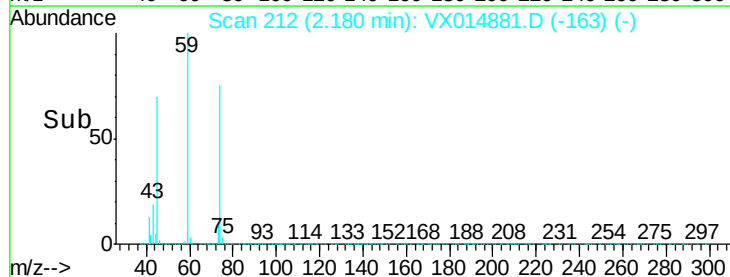
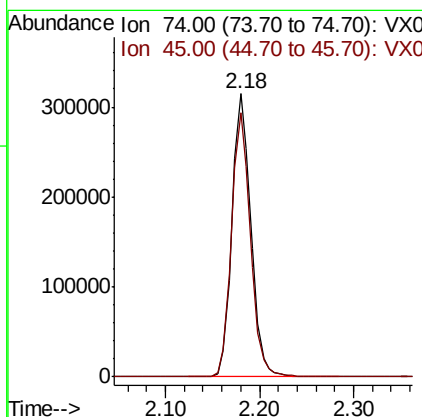
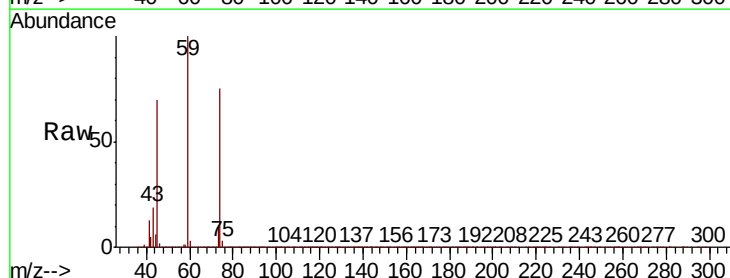
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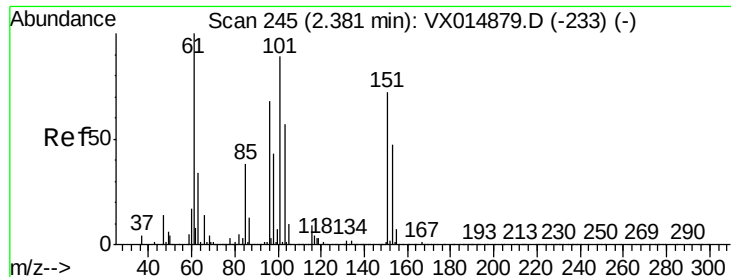


#8

Diethyl Ether
Concen: 149.260 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 74 Resp: 437482
Ion Ratio Lower Upper
74 100
45 93.7 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.041 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

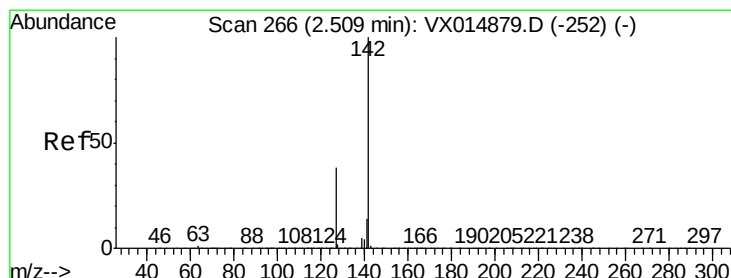
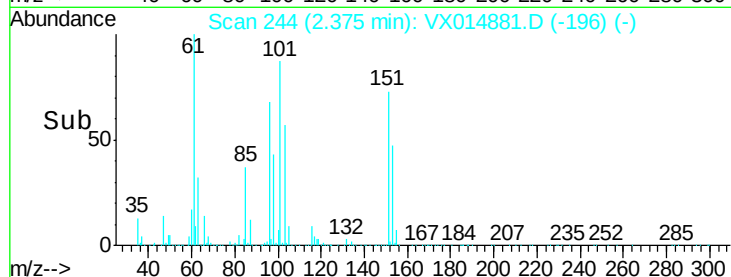
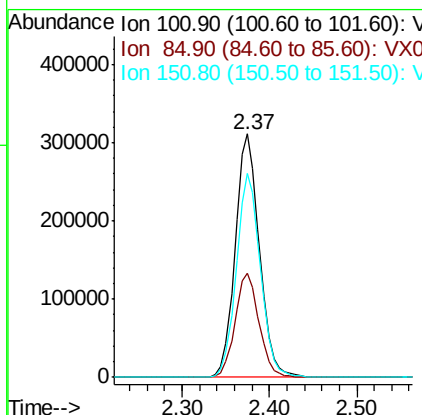
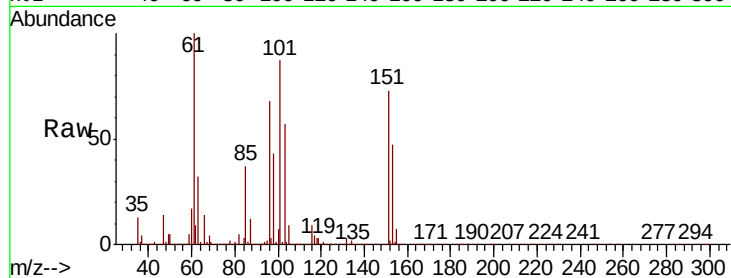
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	596647
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.1	51.1
151	83.5	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 217.575 ug/l

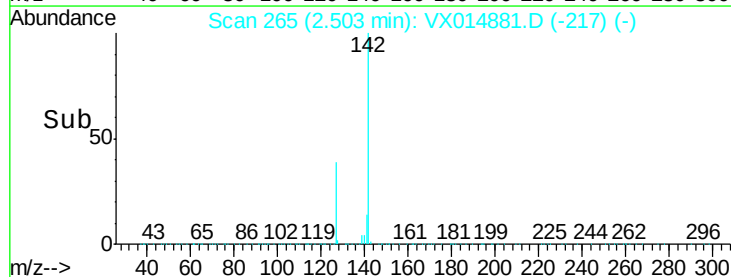
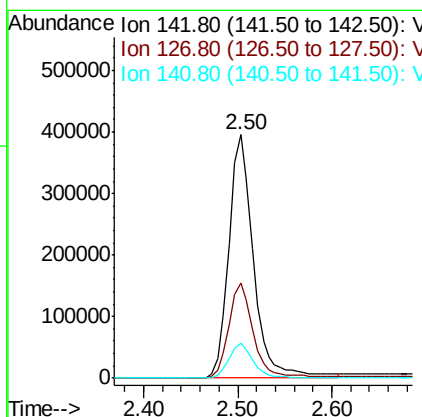
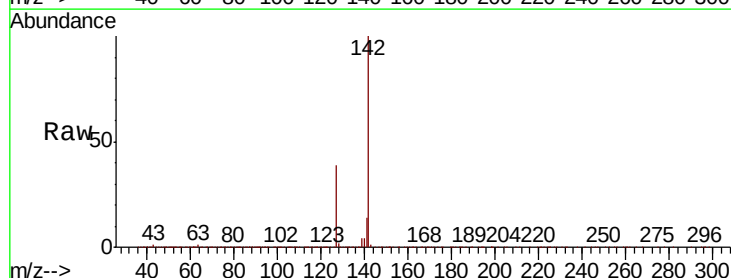
RT: 2.50 min Scan# 265

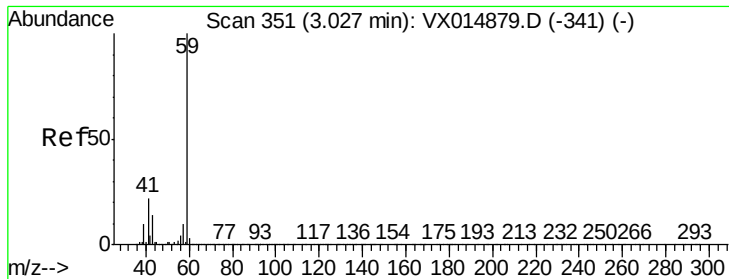
Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Tgt Ion:	142	Resp:	724645
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.1	46.7
141	14.0	11.3	16.9





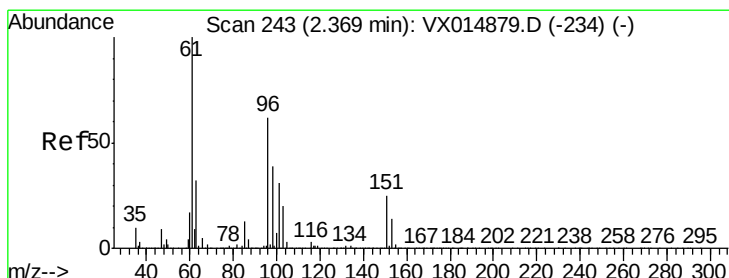
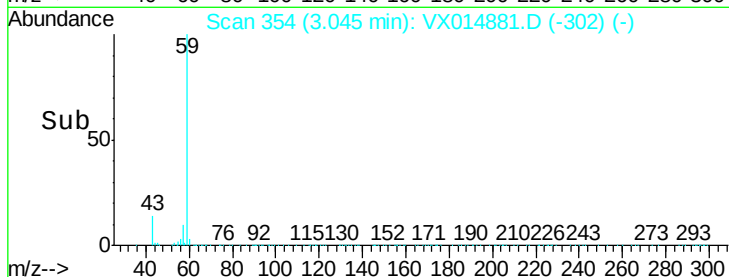
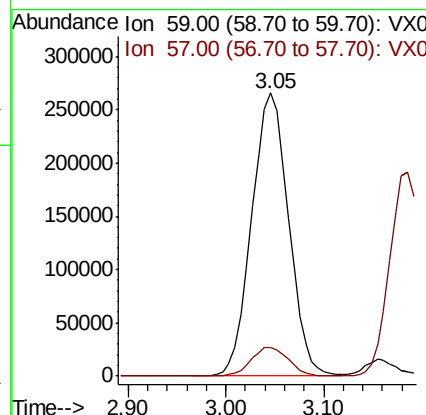
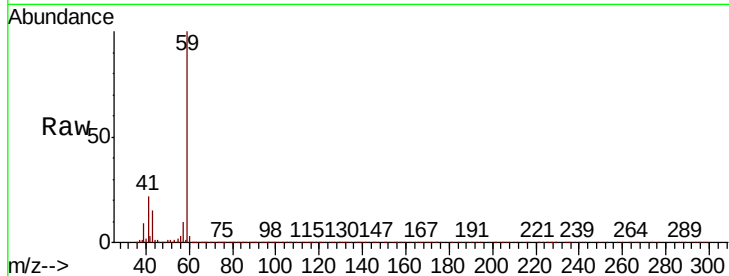
#11
Tert butyl alcohol
Concen: 815.459 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.02 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.4

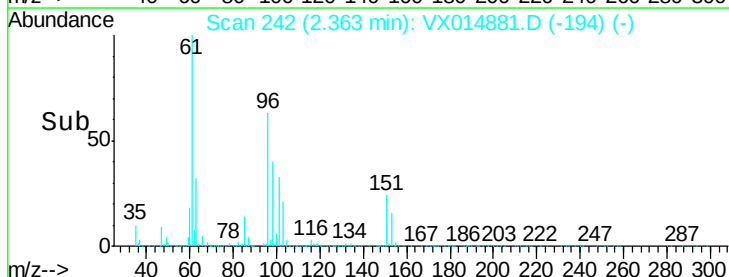
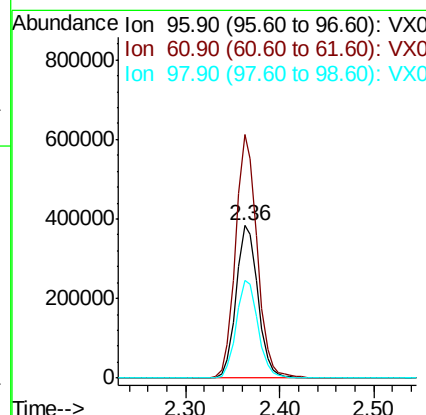
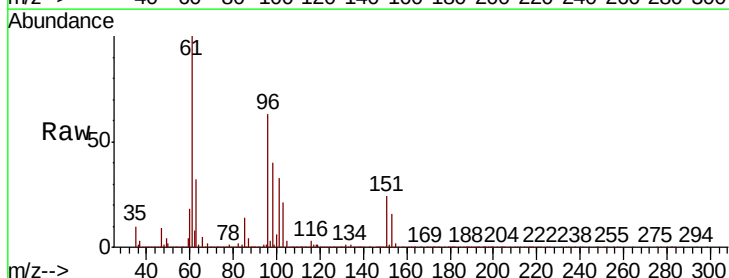
Manual Integrations
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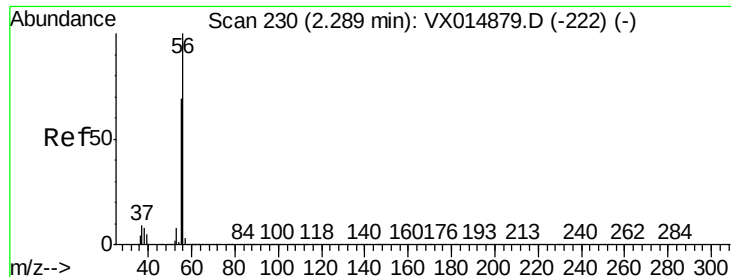
MMDadoda
2/11/2020 10:36:20 AM



#12
1,1-Dichloroethene
Concen: 156.013 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	129.5	194.3
98	63.7	50.6	76.0





#13

Acrolein

Concen: 773.131 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 508134

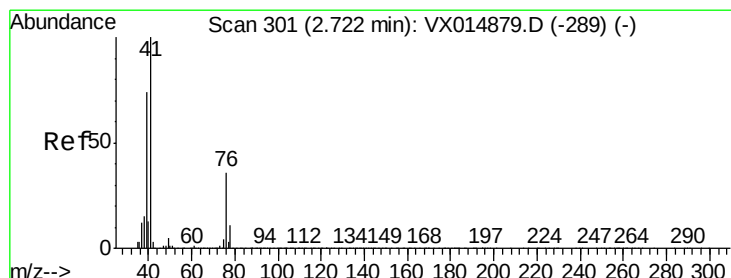
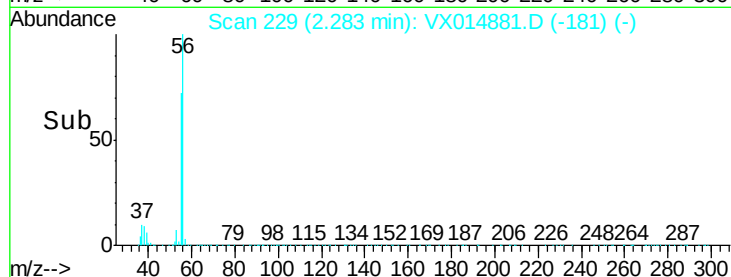
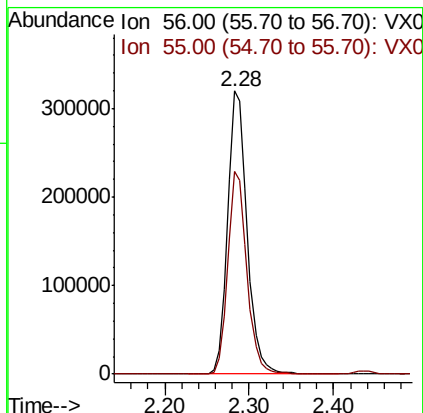
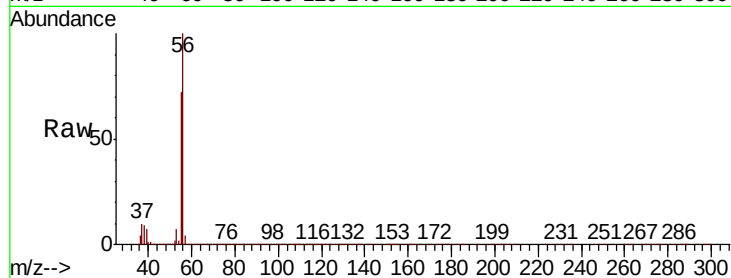
Ion Ratio Lower Upper

56 100

55 69.6 55.0 82.4

Manual Integrations
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2/11/2020 10:36:20 AM



#14

Allyl chloride

Concen: 151.712 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

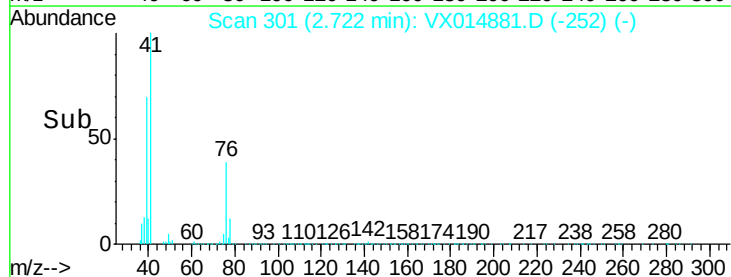
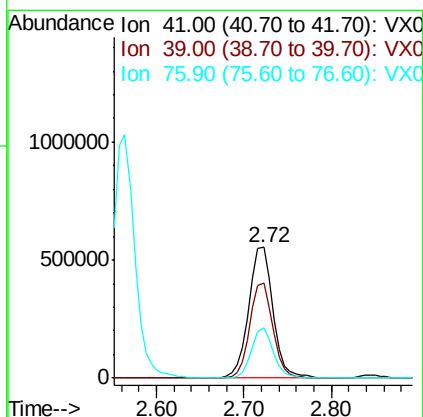
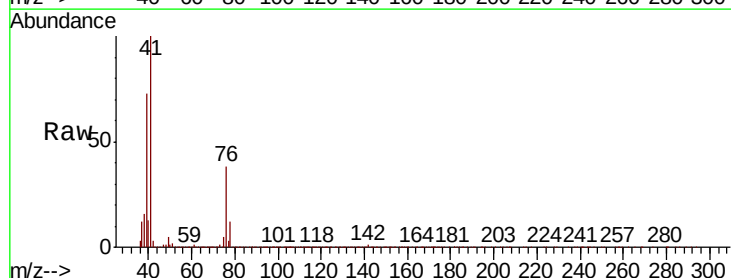
Tgt Ion: 41 Resp: 1072999

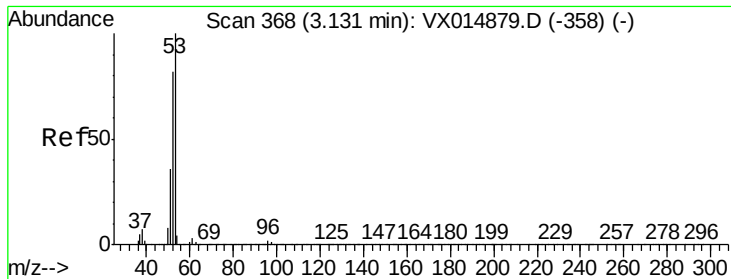
Ion Ratio Lower Upper

41 100

39 68.2 55.2 82.8

76 34.3 26.8 40.2





#15

Acrylonitrile

Concen: 791.703 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

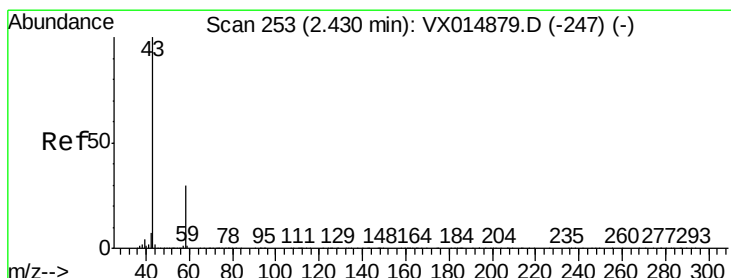
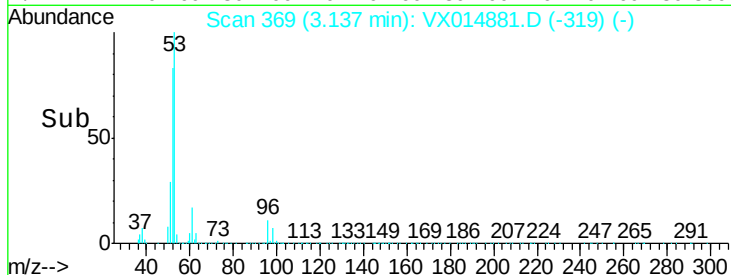
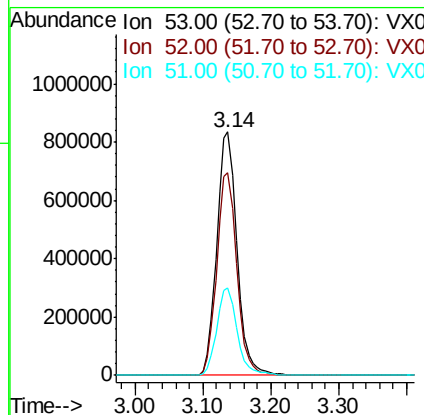
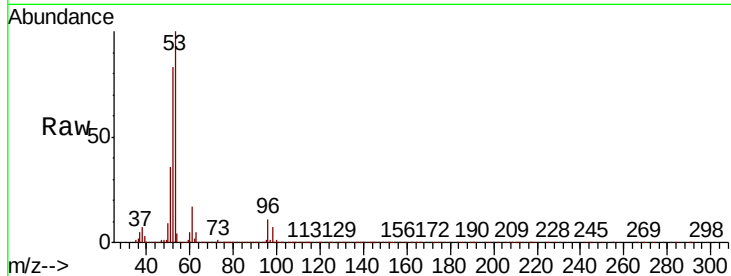
ClientSampleId :

VSTDICC150

Tot Ion:	53	Resp:	1722760
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.6
51	36.1	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 616.370 ug/l

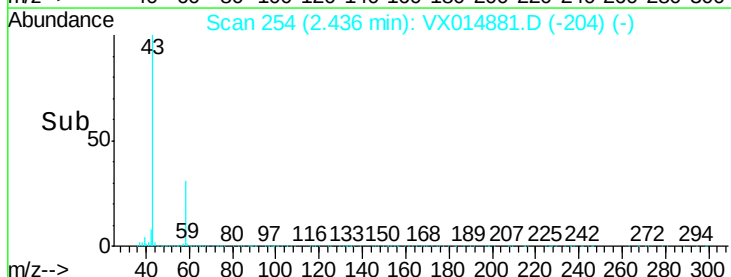
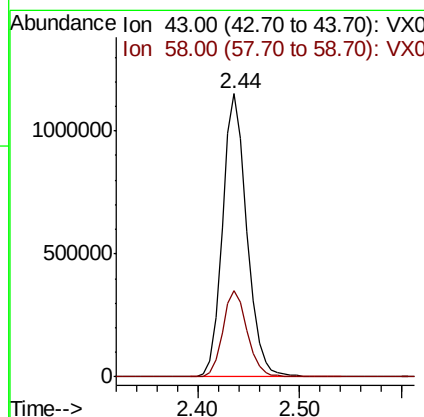
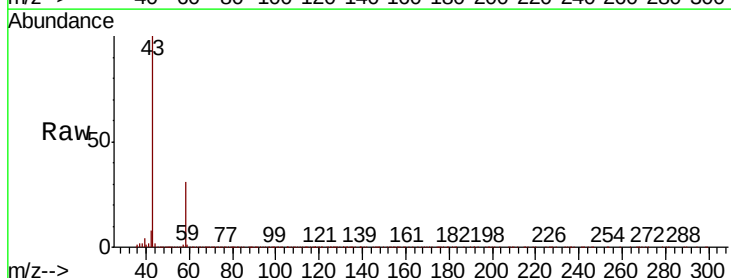
RT: 2.44 min Scan# 254

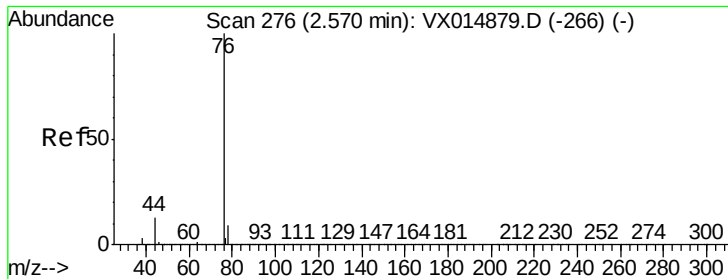
Delta R.T. 0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Tgt Ion:	43	Resp:	1894538
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.1	36.1





#17

Carbon Disulfide

Concen: 160.337 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 76 Resp: 1756740

Ion Ratio Lower Upper

76 100

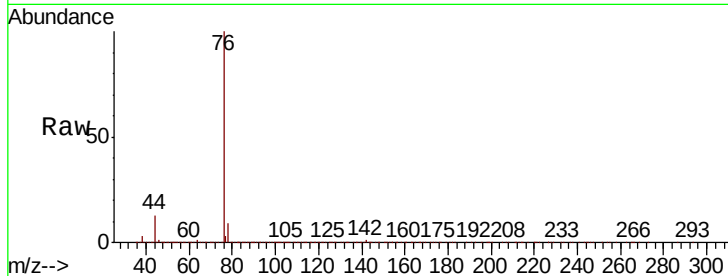
78 9.0 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

1200000 Ion 77.90 (77.60 to 78.60): VX0

1000000

800000

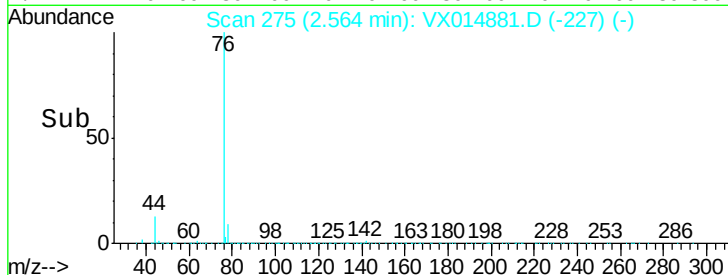
600000

400000

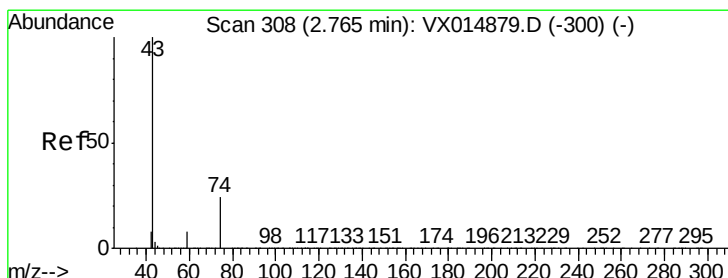
200000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 161.190 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014881.D

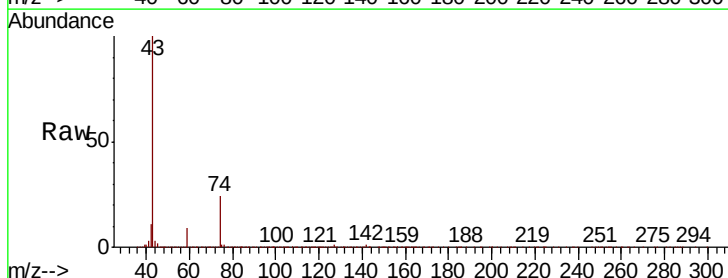
Acq: 10 Feb 2020 11:46

Tgt Ion: 43 Resp: 782784

Ion Ratio Lower Upper

43 100

74 24.6 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

500000 Ion 74.00 (73.70 to 74.70): VX0

400000

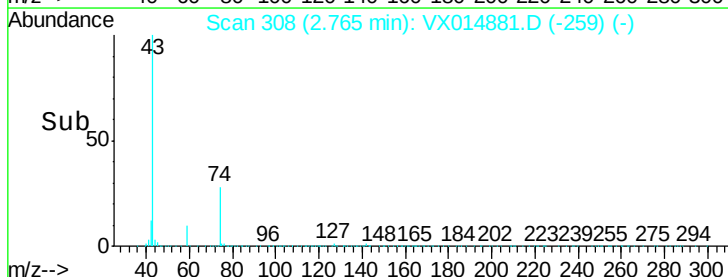
300000

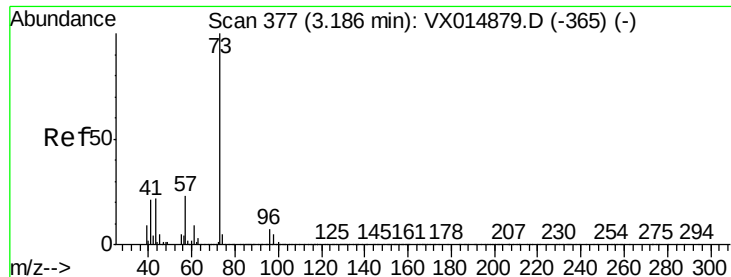
200000

100000

0

Time-->





#19

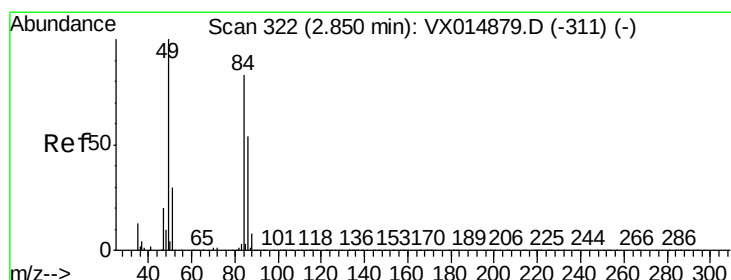
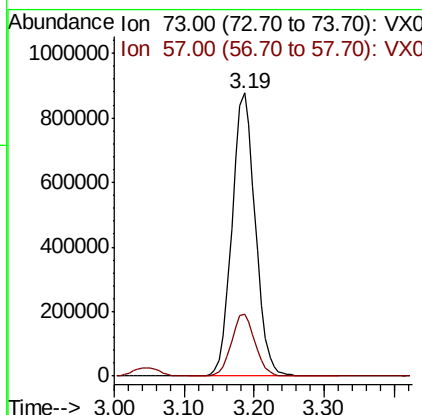
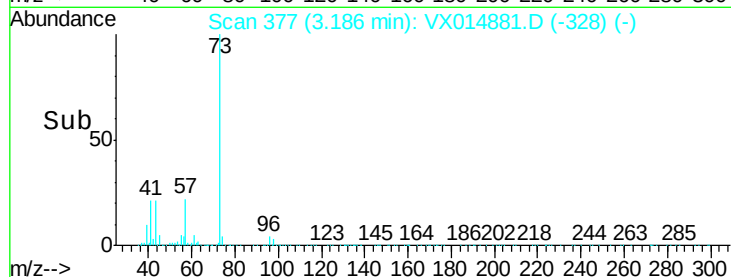
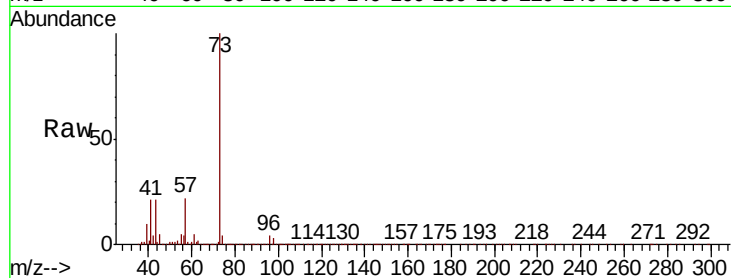
Methyl tert-butyl Ether
Concen: 158.044 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	18.2	27.4

Manual Integrations
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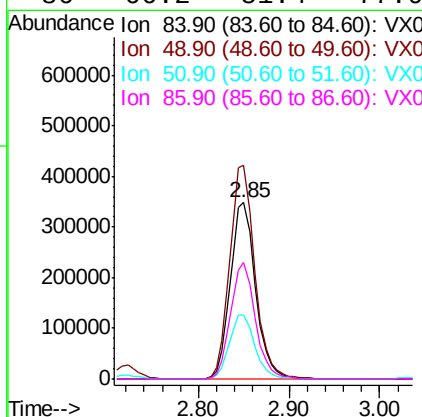
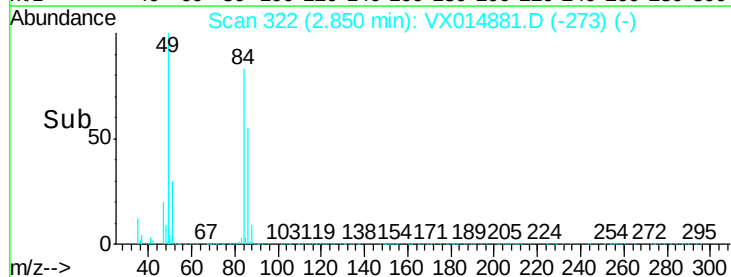
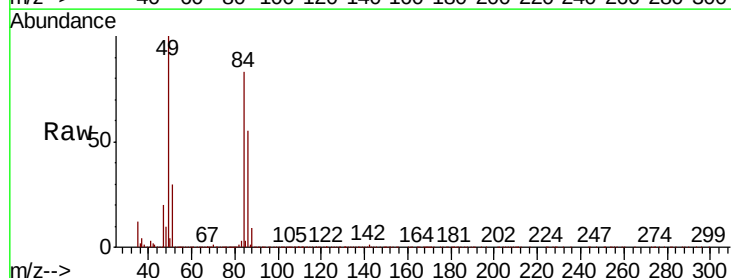
MMDadoda
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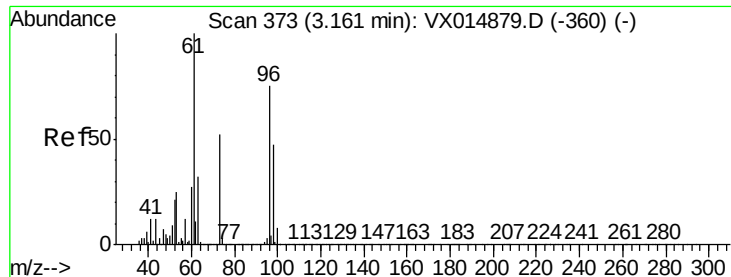


#20

Methylene Chloride
Concen: 137.912 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.1	95.6	143.4
51	36.6	29.0	43.6
86	66.2	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 151.894 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

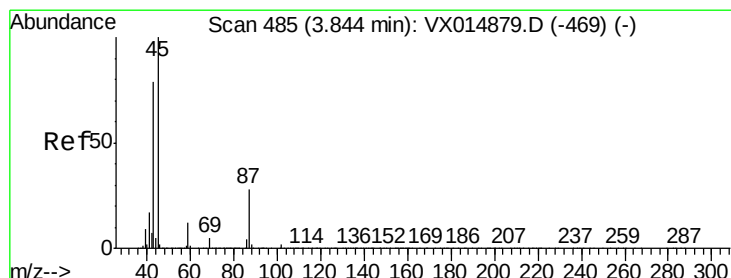
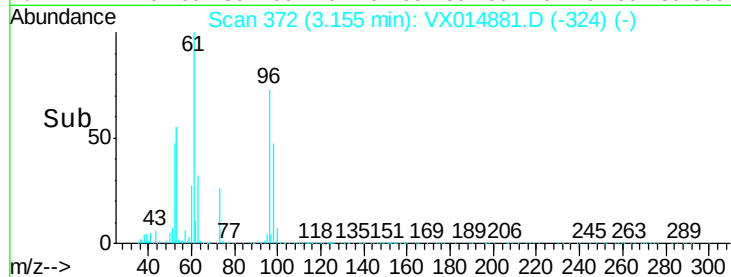
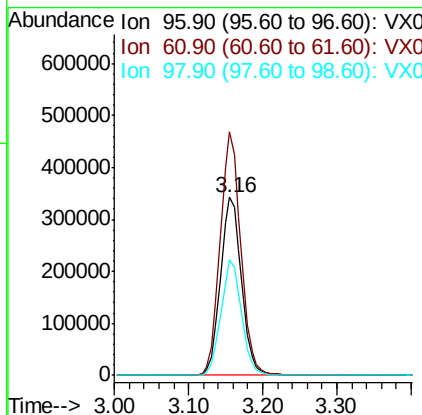
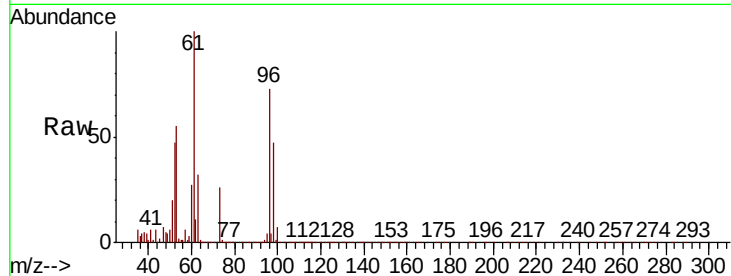
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	669707
Ion Ratio	Lower	Upper	
96	100		
61	136.6	106.9	160.3
98	64.7	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 155.661 ug/l

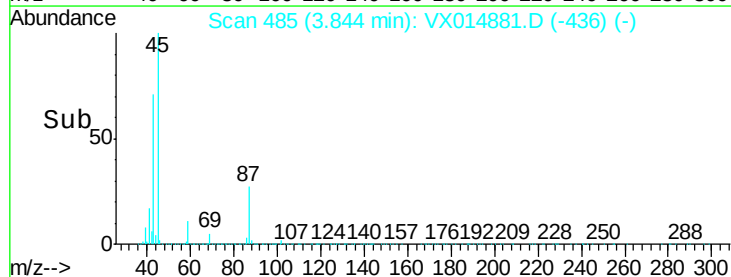
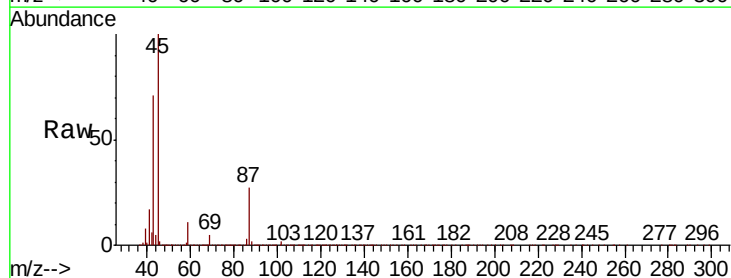
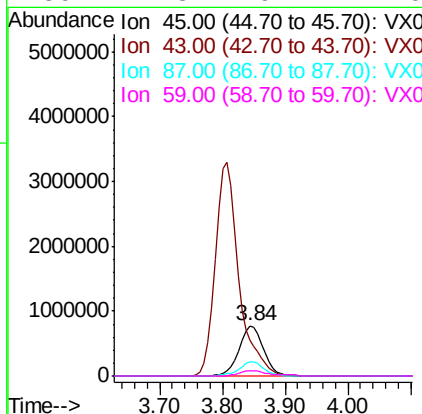
RT: 3.84 min Scan# 485

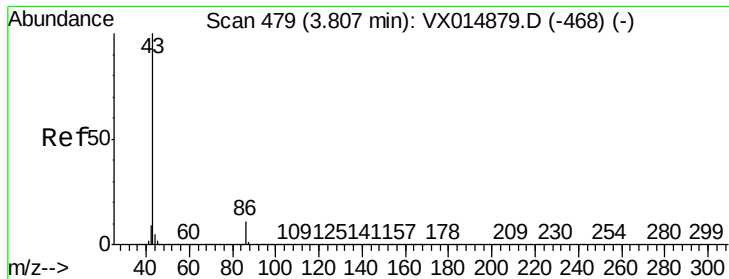
Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Tgt Ion:	45	Resp:	2087609
Ion Ratio	Lower	Upper	
45	100		
43	71.3	63.5	95.3
87	27.4	22.2	33.4
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 769.815 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Tot Ion: 43 Resp: 8546798

Ion Ratio Lower Upper

43 100

86 11.4 8.9 13.3

Instrument :

MSVOA_X

ClientSampleId :

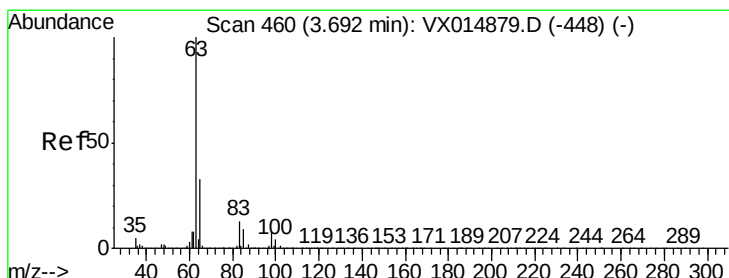
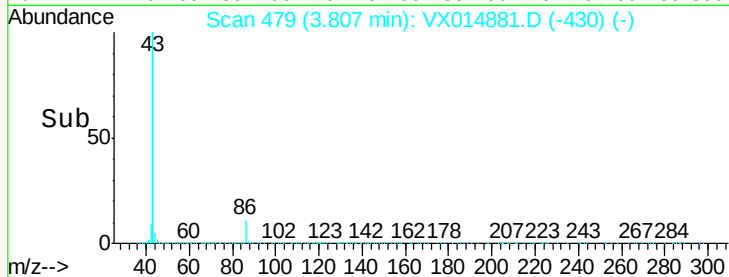
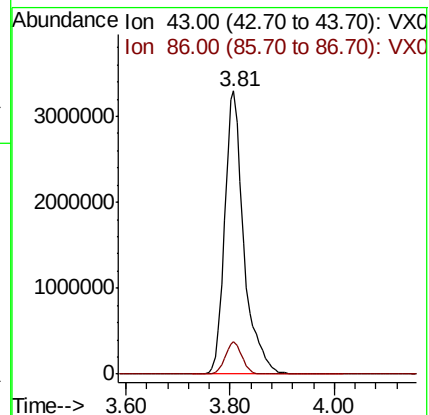
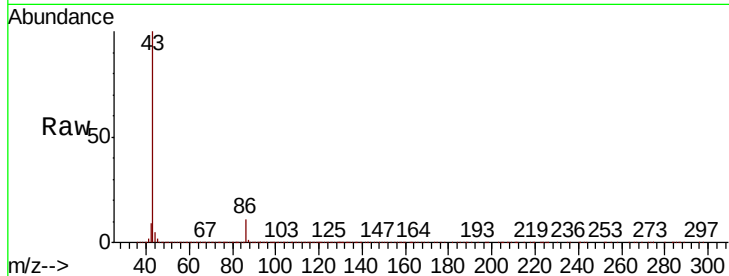
VSTDICC150

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 152.127 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

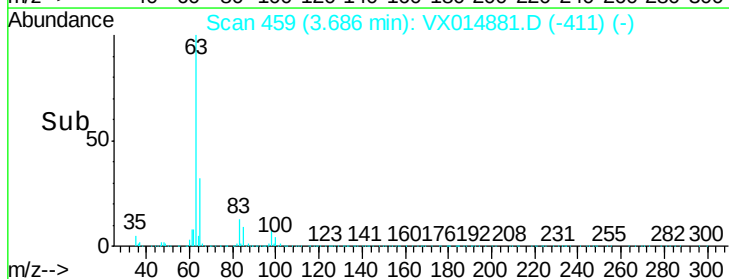
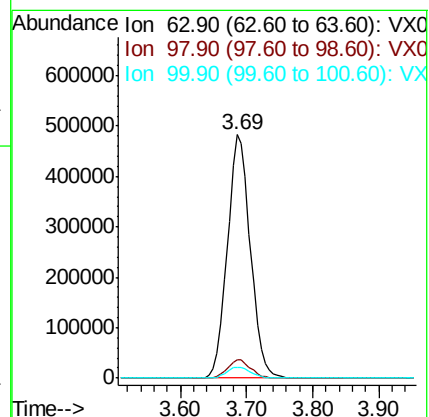
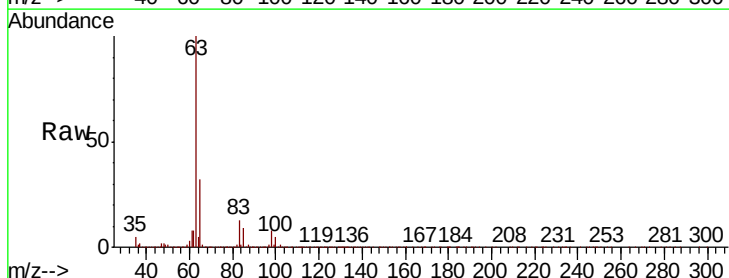
Tgt Ion: 63 Resp: 1158942

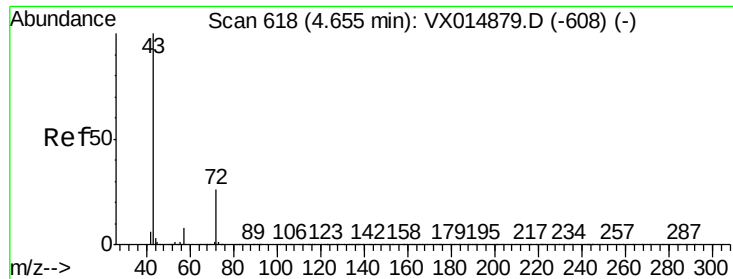
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 771.046 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2565891

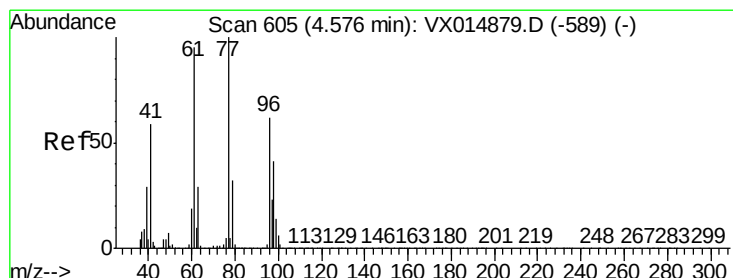
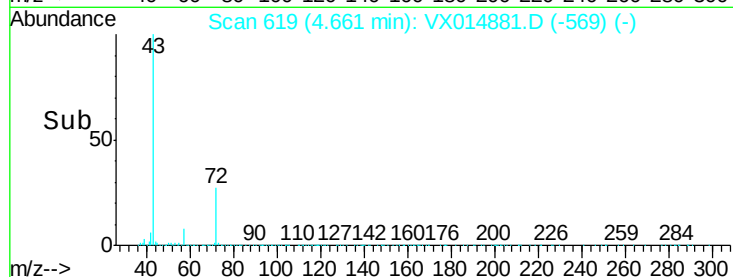
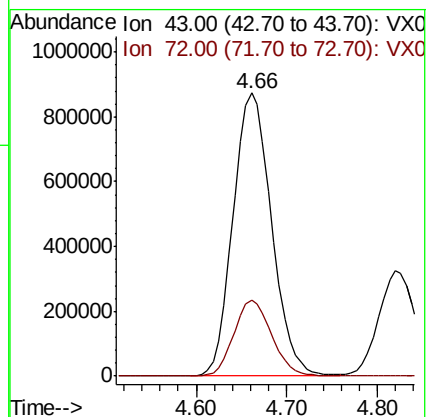
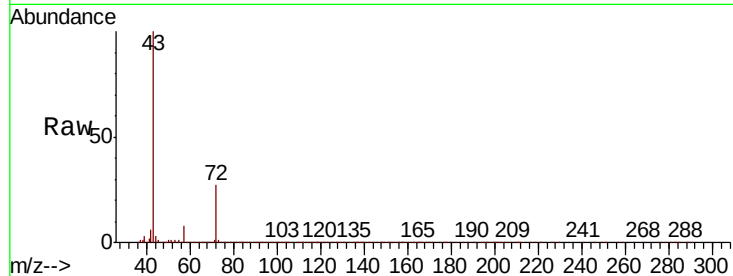
Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 153.340 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014881.D

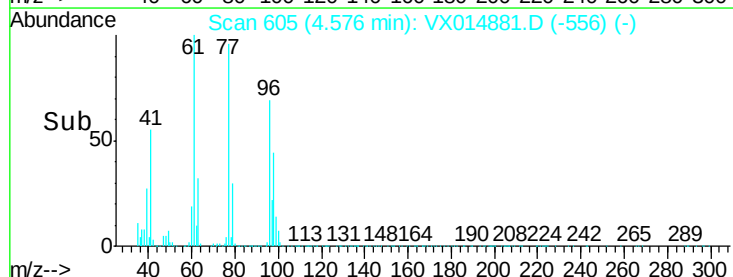
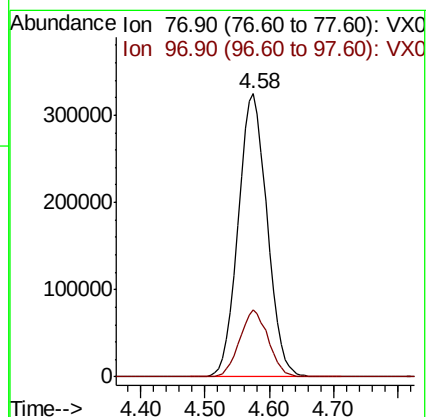
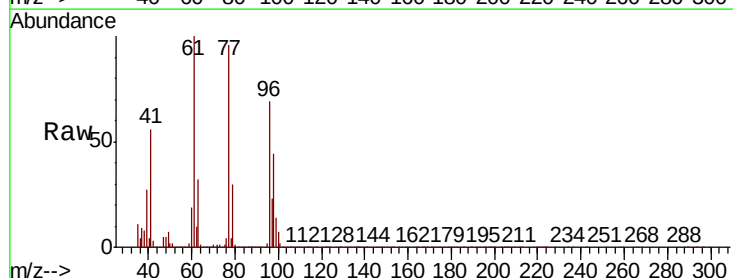
Acq: 10 Feb 2020 11:46

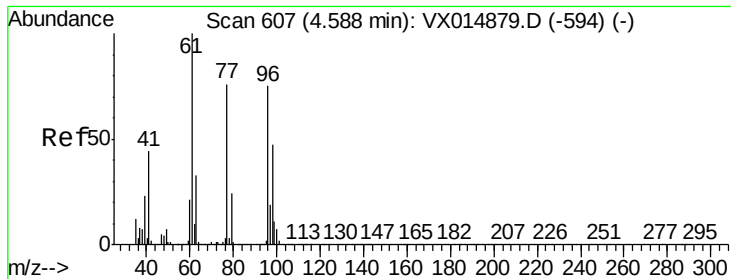
Tgt Ion: 77 Resp: 1006540

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5





#27

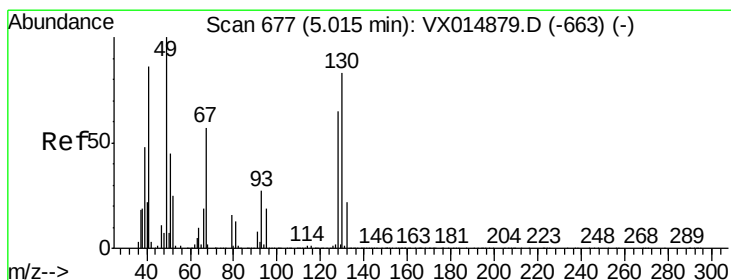
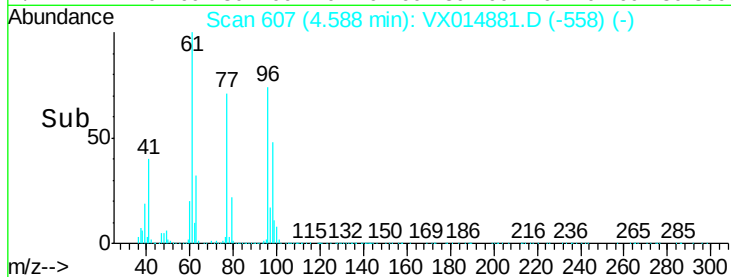
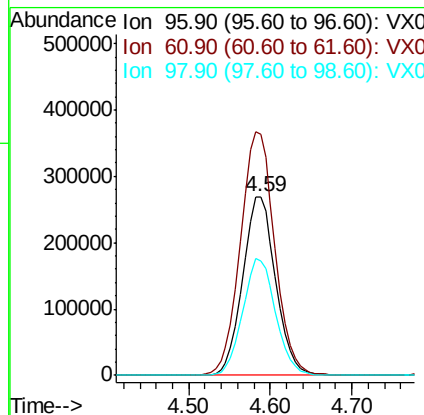
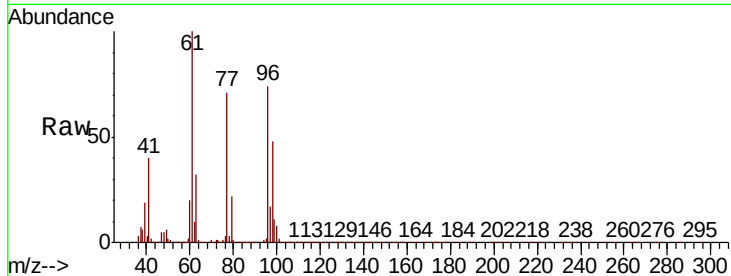
cis-1,2-Dichloroethene
Concen: 154.453 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	141.6	0.0	286.2
98	65.3	0.0	131.0

Manual Integrations
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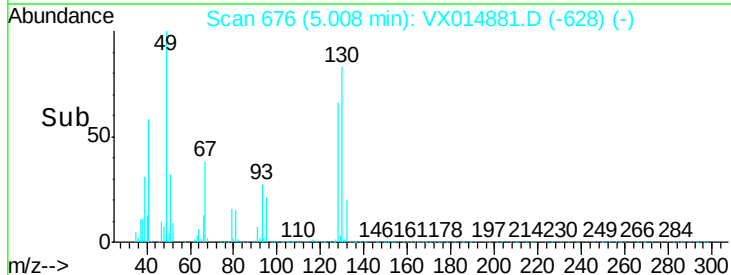
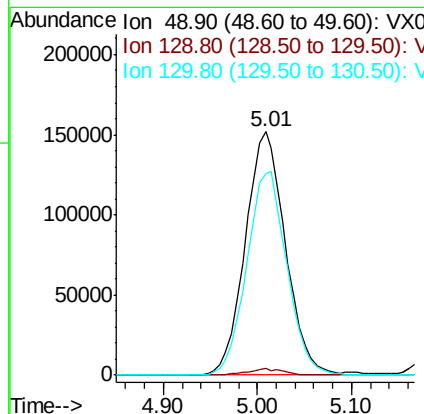
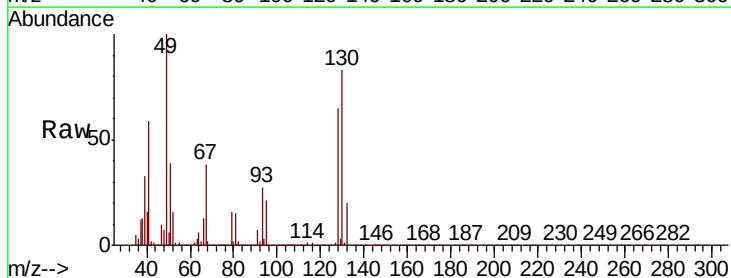
MMDadoda
2/11/2020 10:36:20 AM

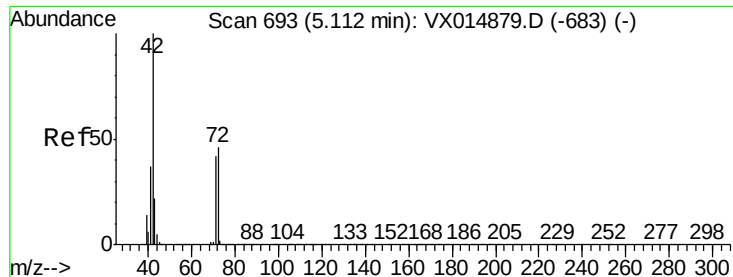


#28

Bromochloromethane
Concen: 176.336 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.4	0.0	5.2
130	84.4	67.4	101.2





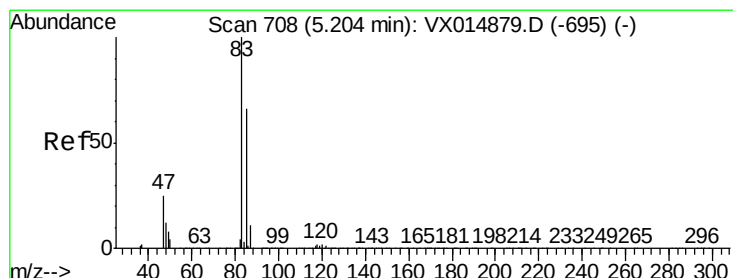
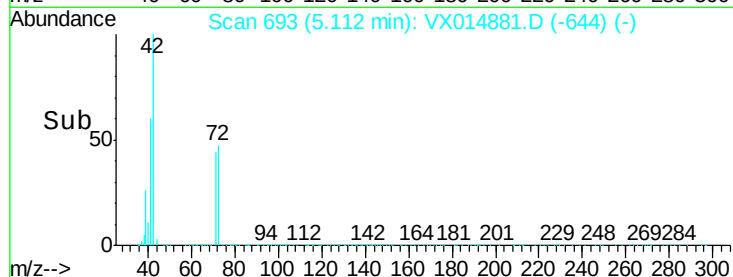
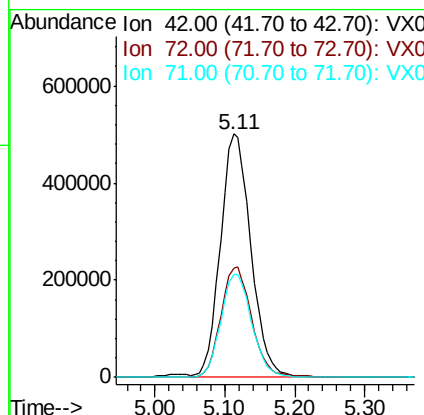
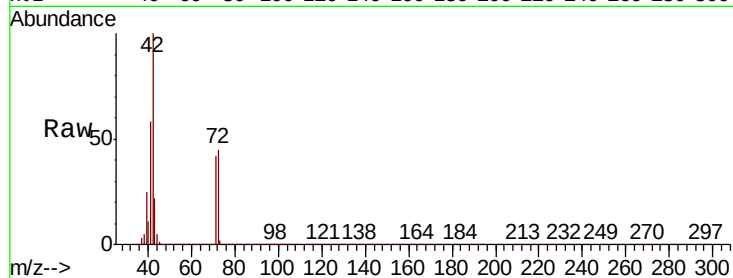
#29
Tetrahydrofuran
Concen: 811.288 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 1510068
Ion Ratio Lower Upper
42 100
72 46.3 36.9 55.3
71 43.0 34.1 51.1

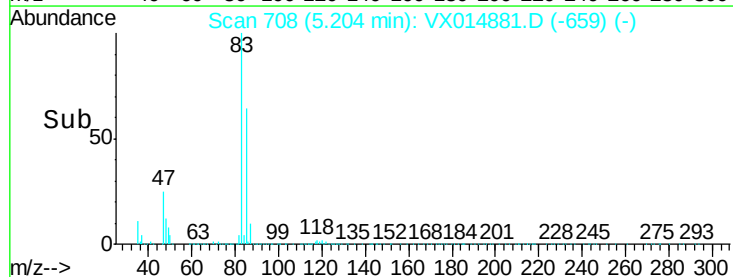
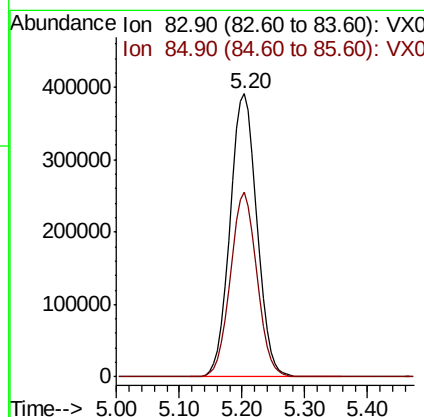
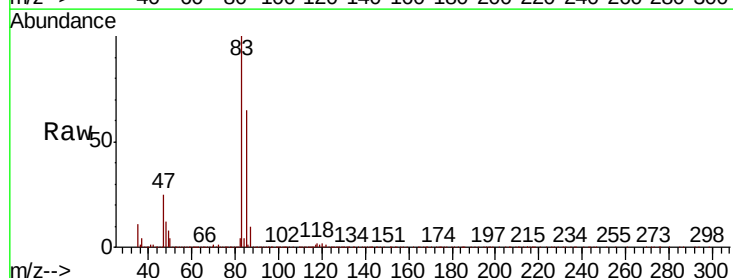
Manual Integrations
APPROVED

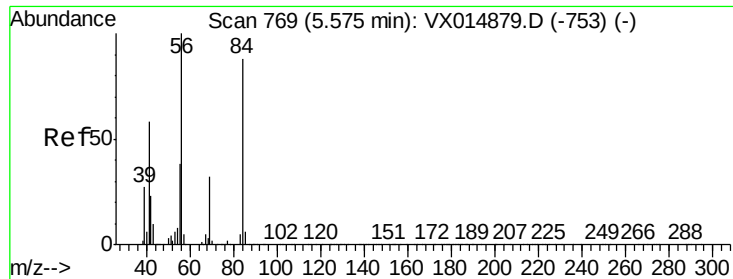
MMDadoda
2/11/2020 10:36:20 AM



#30
Chloroform
Concen: 153.263 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 83 Resp: 1160938
Ion Ratio Lower Upper
83 100
85 65.2 52.9 79.3





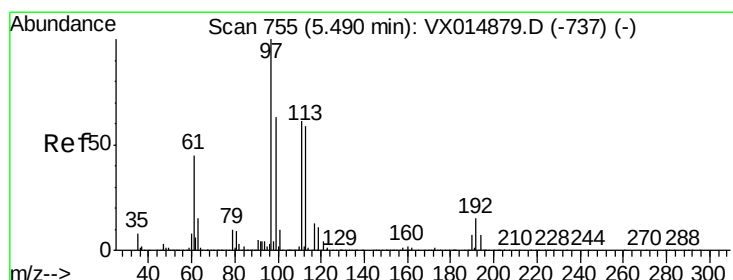
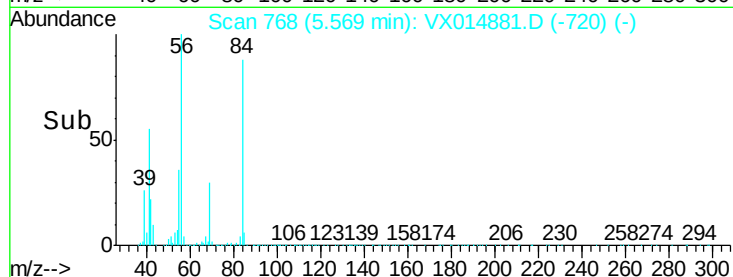
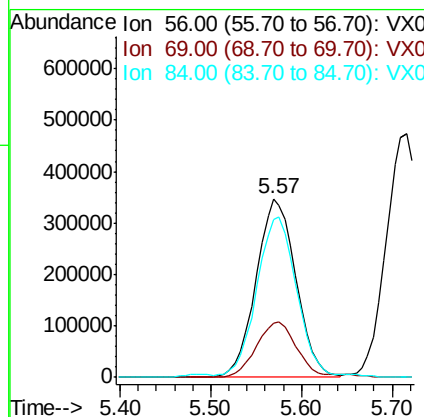
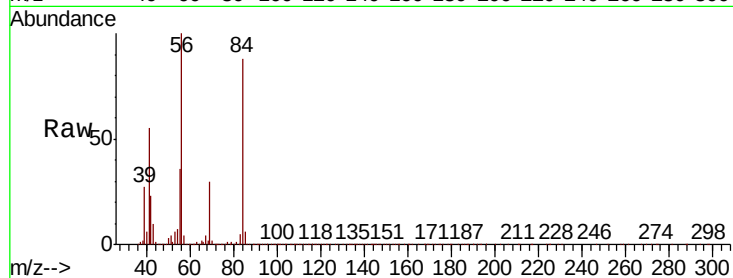
#31
Cyclohexane
Concen: 157.859 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 56 Resp: 1053346
Ion Ratio Lower Upper
56 100
69 30.4 25.9 38.9
84 87.0 70.4 105.6

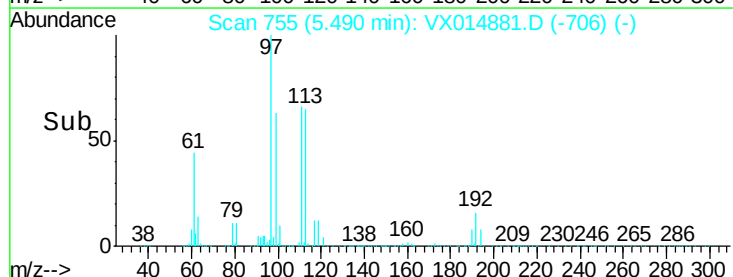
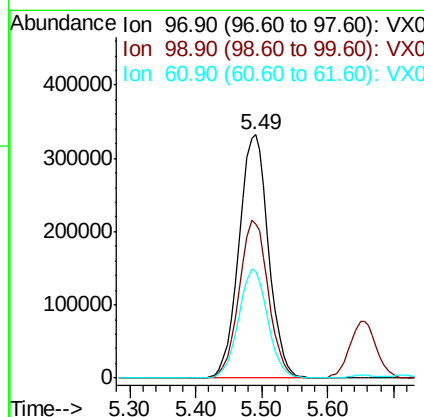
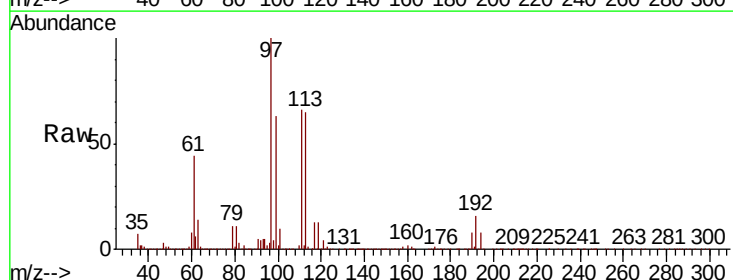
Manual Integrations
APPROVED

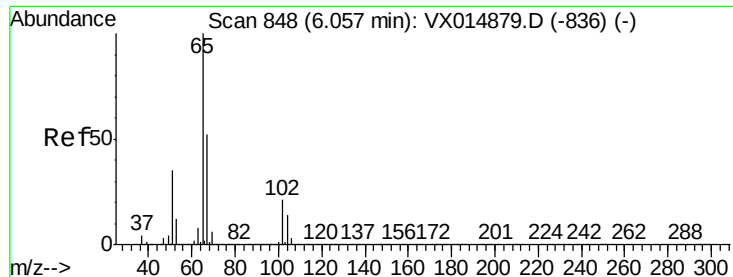
MMDadoda
2/11/2020 10:36:20 AM



#32
1,1,1-Trichloroethane
Concen: 156.986 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 97 Resp: 1027272
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 44.3 36.3 54.5





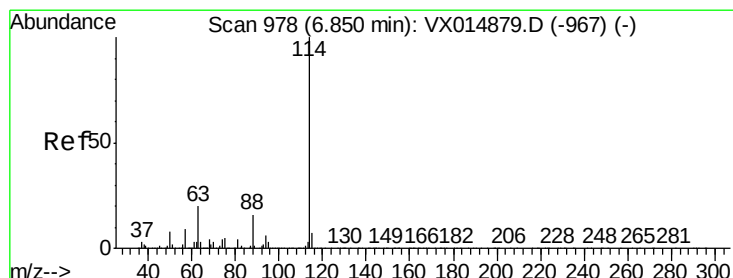
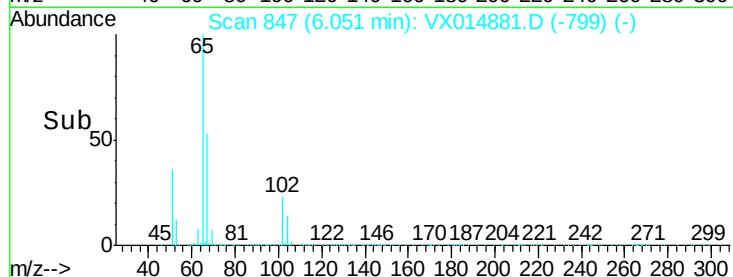
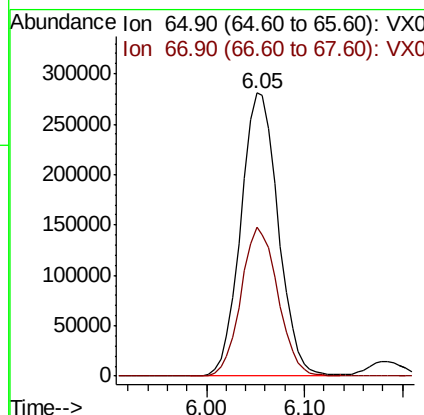
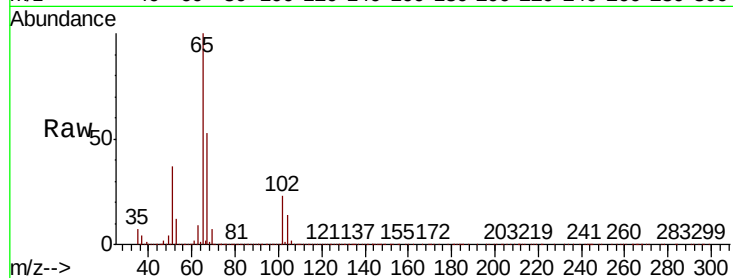
#33
 1,2-Dichloroethane-d4
 Concen: 132.995 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.0

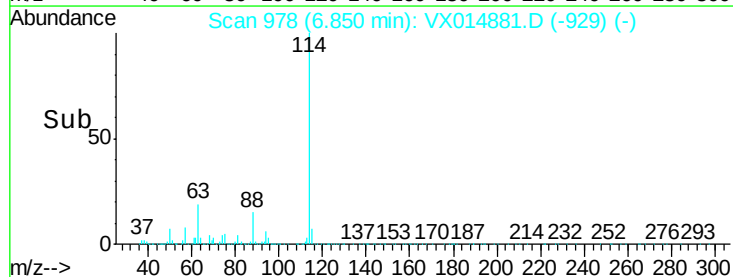
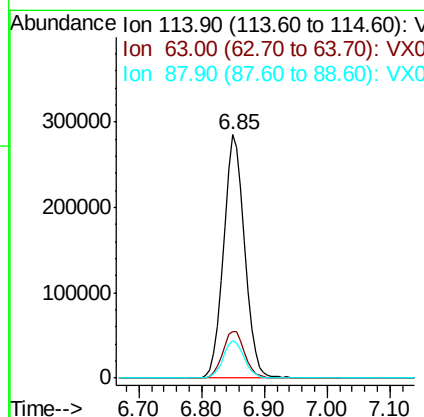
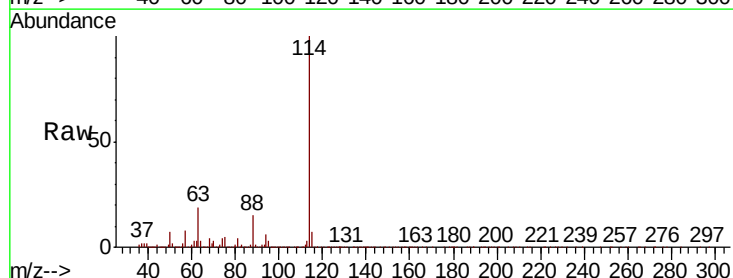
Manual Integrations
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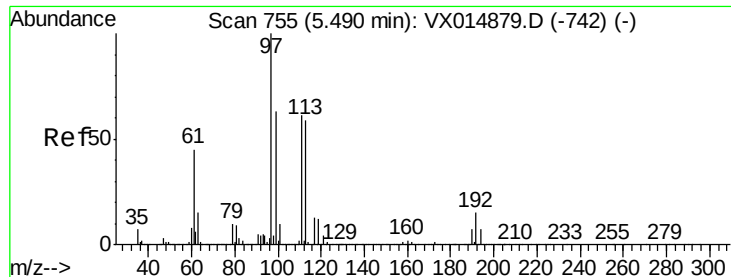
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.2
88	15.3	0.0	32.0





#35

Dibromofluoromethane

Concen: 128.396 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

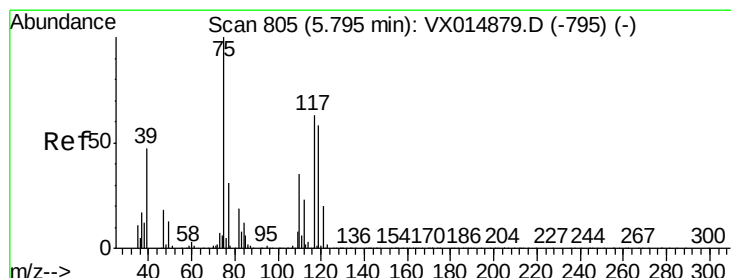
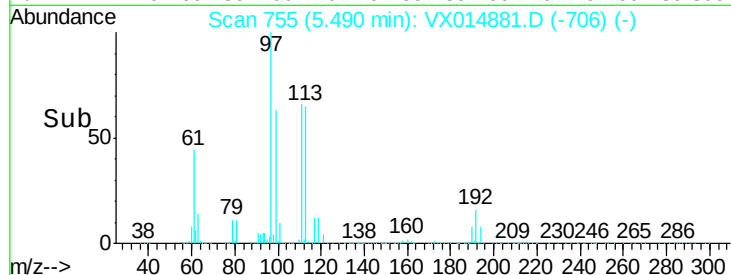
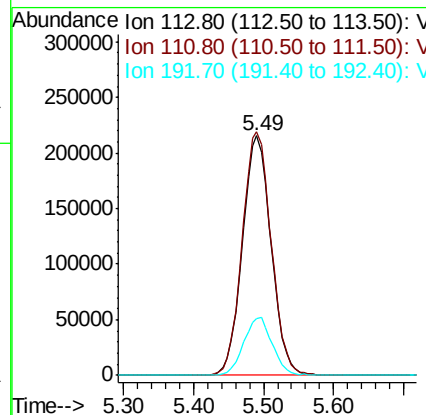
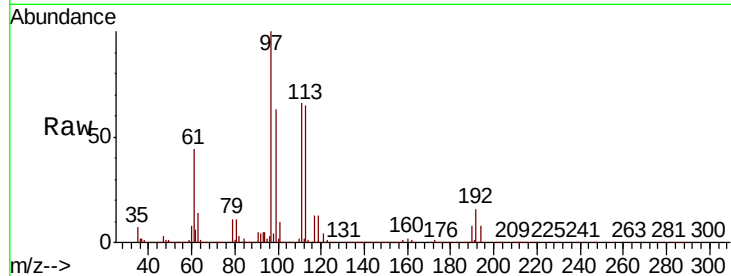
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	612322
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.4	123.6
192	24.2	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 156.950 ug/l

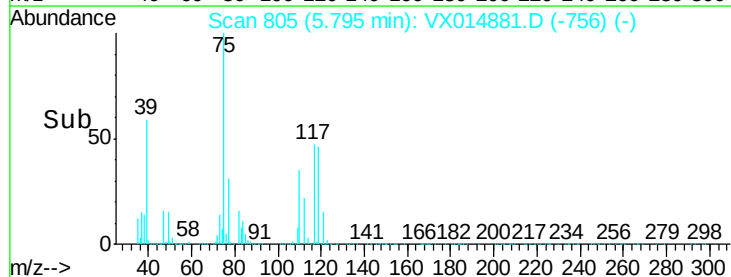
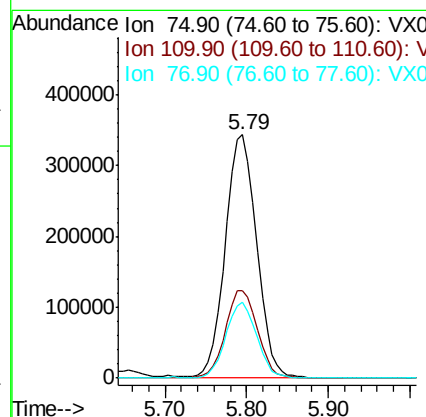
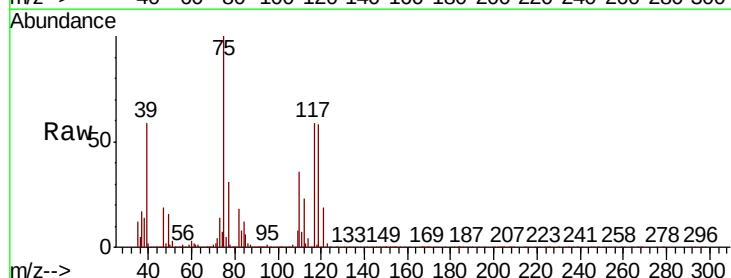
RT: 5.79 min Scan# 805

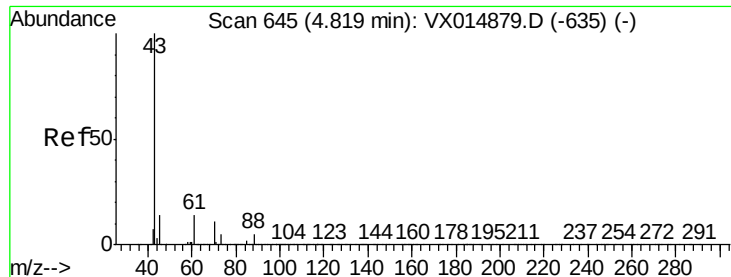
Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Tgt Ion:	75	Resp:	912547
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.3	54.8
77	30.5	24.6	36.8





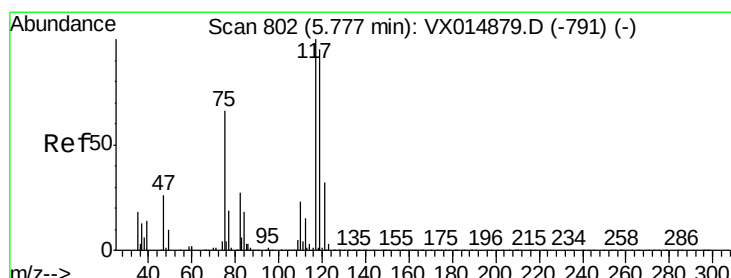
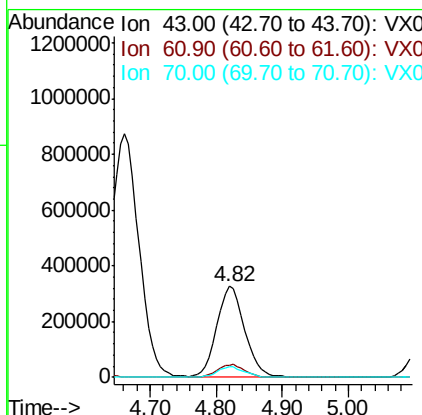
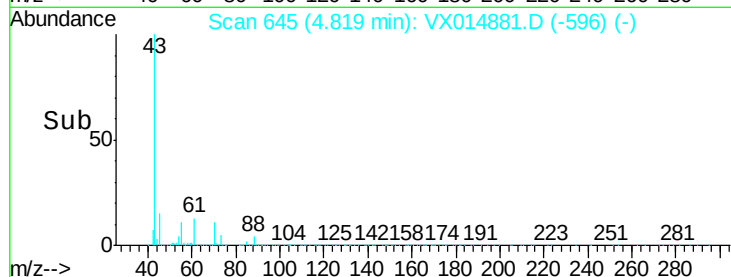
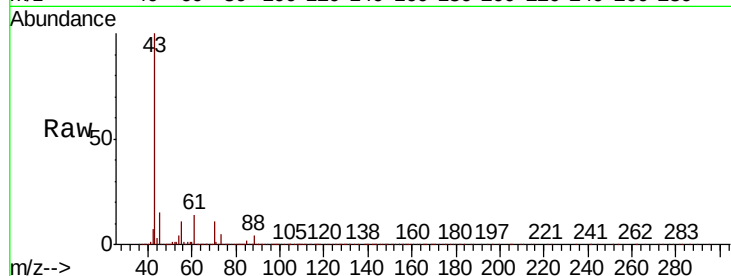
#37
Ethyl Acetate
Concen: 156.435 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	11.2	8.7	13.1

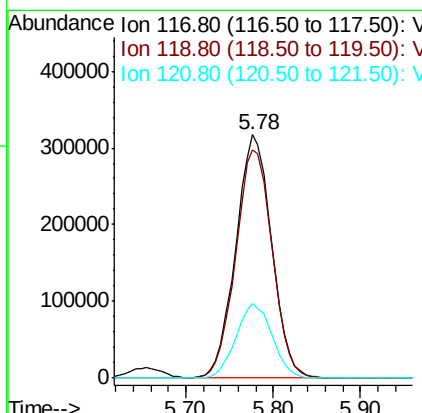
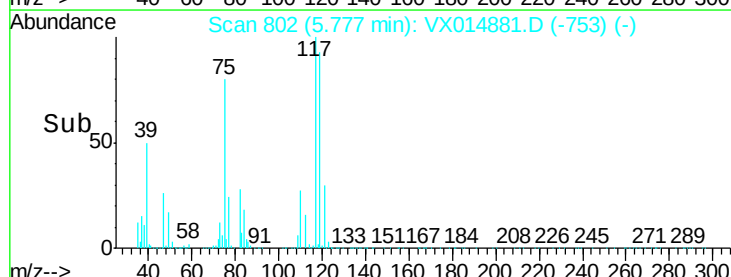
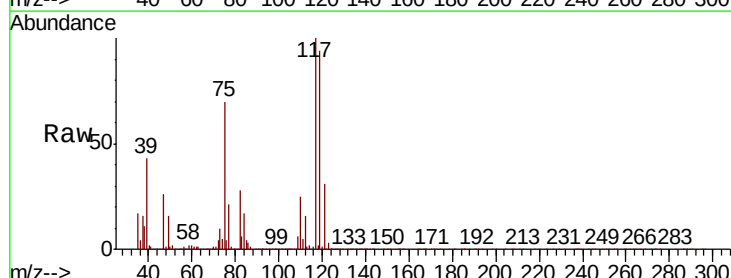
Manual Integrations
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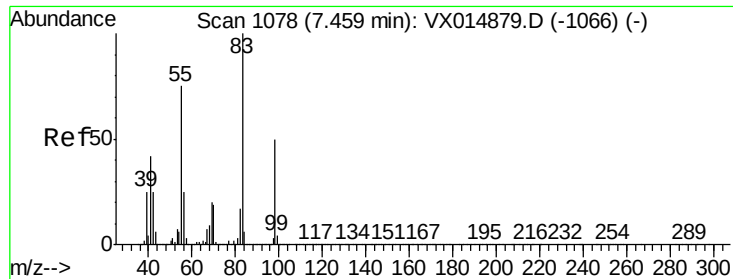
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#38
Carbon Tetrachloride
Concen: 160.403 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.0	114.0
121	30.5	25.4	38.2





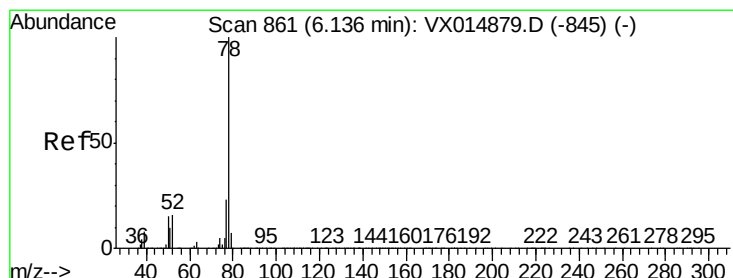
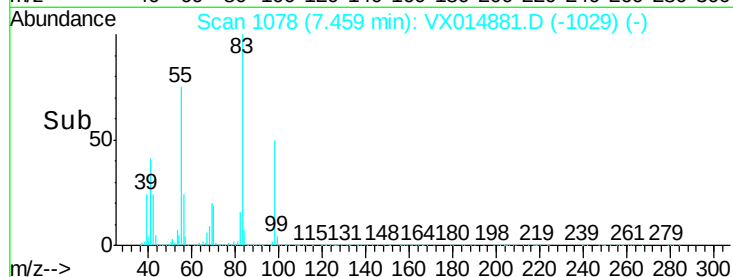
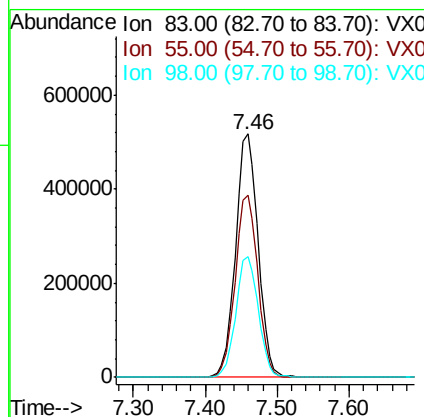
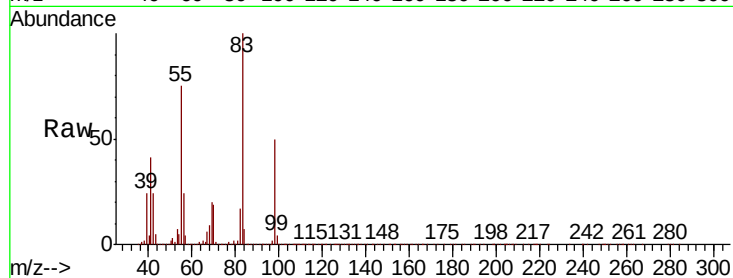
#39
Methylvlcyclohexane
Concen: 153.023 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	60.0	90.0
98	49.6	39.6	59.4

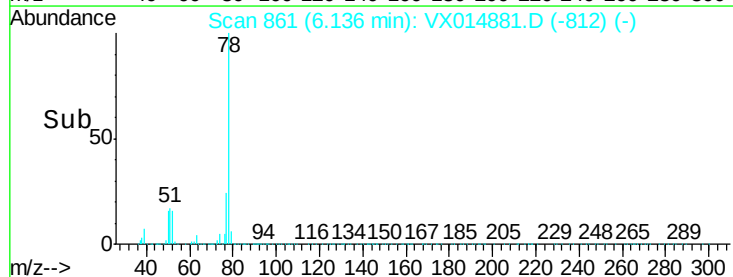
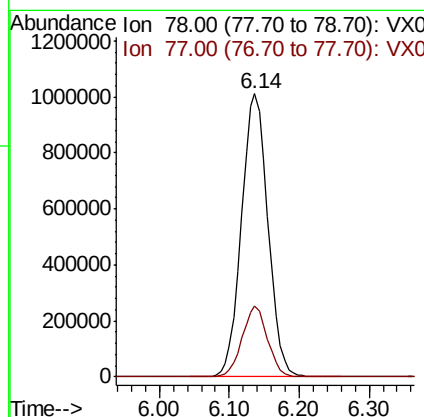
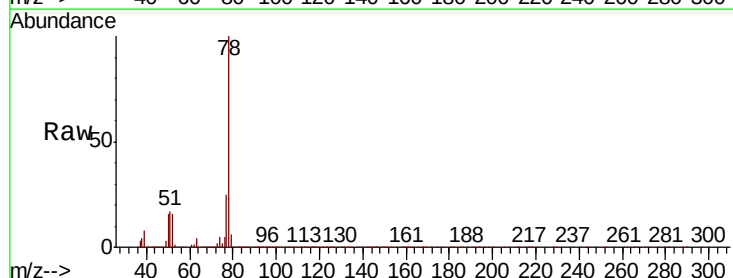
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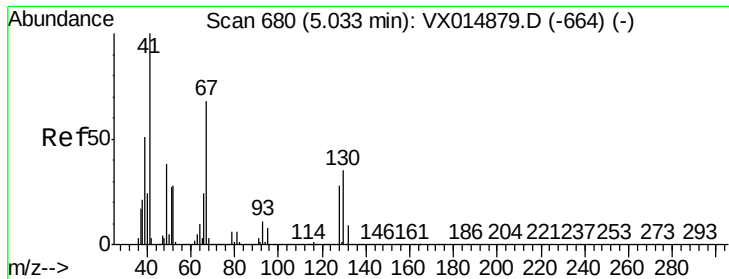
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#40
Benzene
Concen: 151.122 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.8	28.2





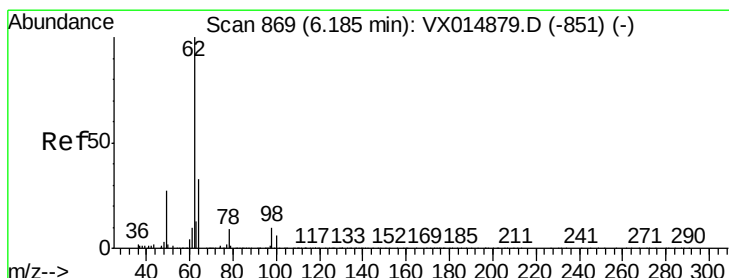
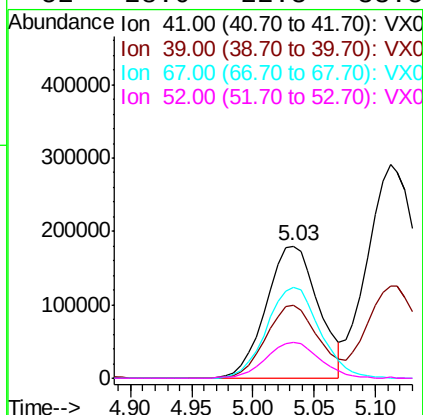
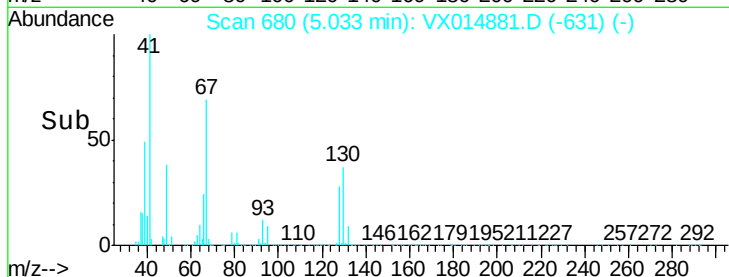
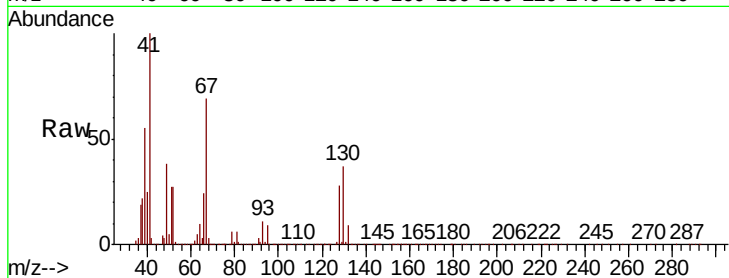
#41
Methacrylonitrile
Concen: 167.230 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.7	67.1
67	69.9	56.6	84.8
52	28.0	22.3	33.5

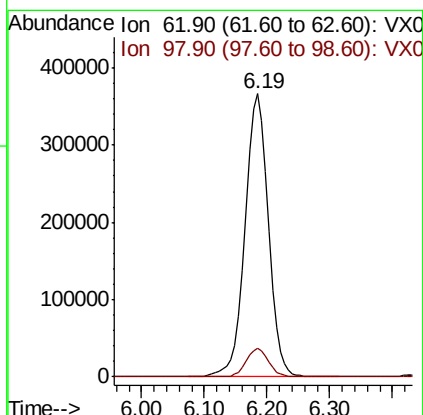
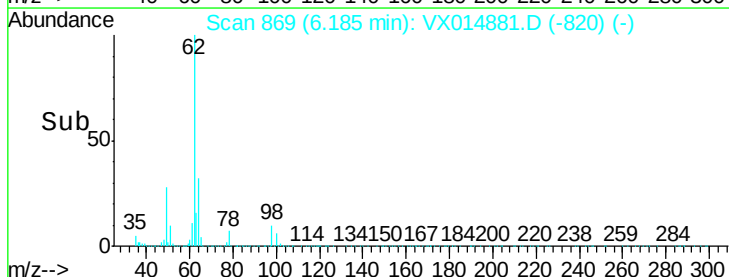
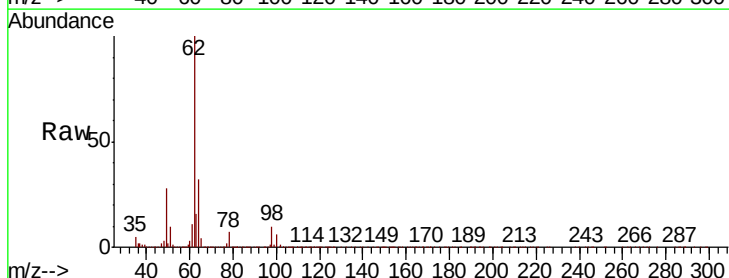
Manual Integrations
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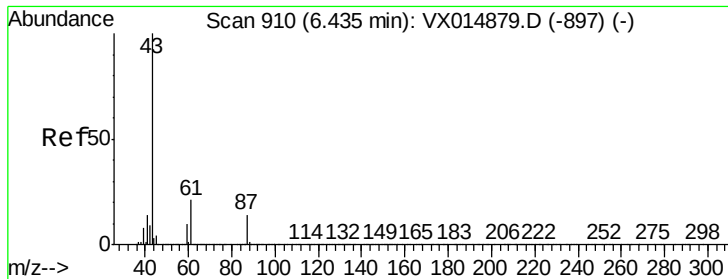
MMDadoda
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#42
1,2-Dichloroethane
Concen: 146.599 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2





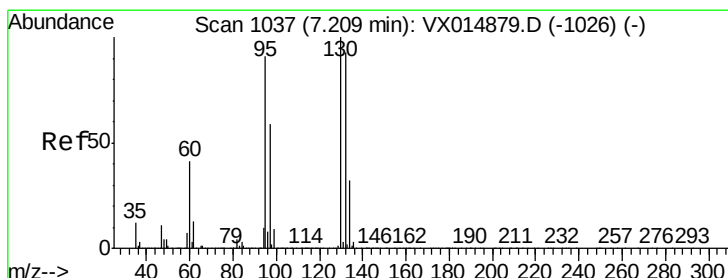
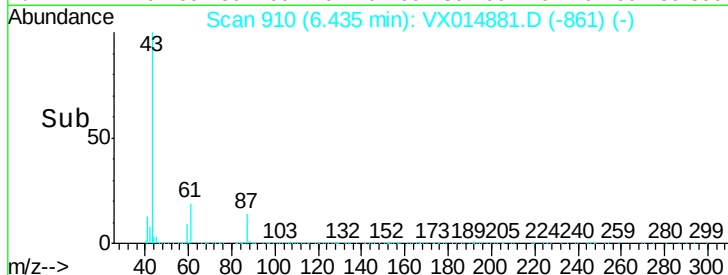
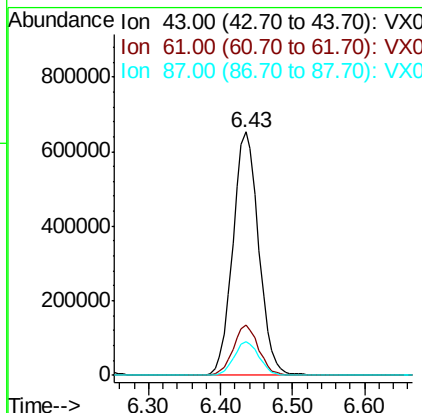
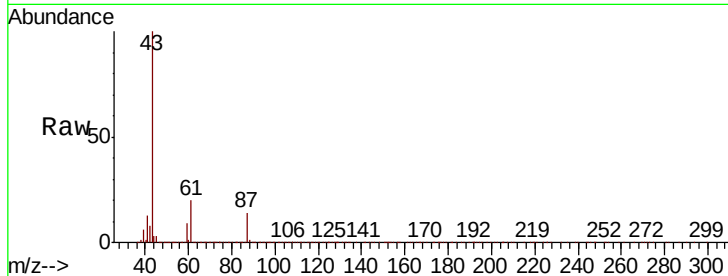
#43
Isopropyl Acetate
Concen: 164.371 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.4
87	13.5	11.0	16.6

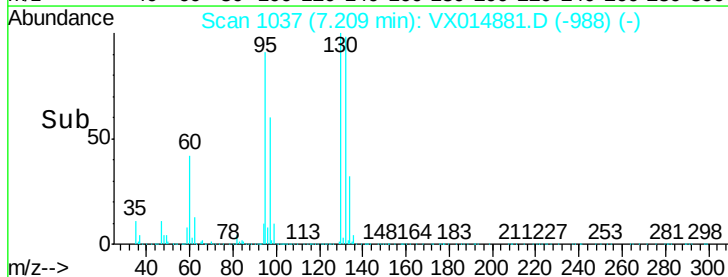
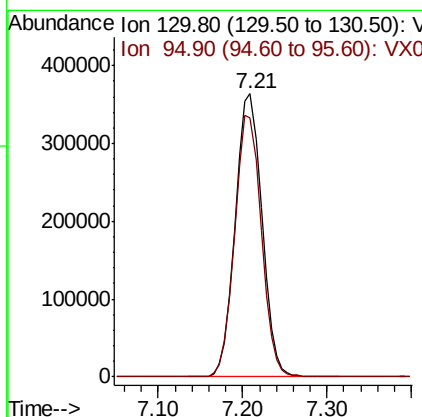
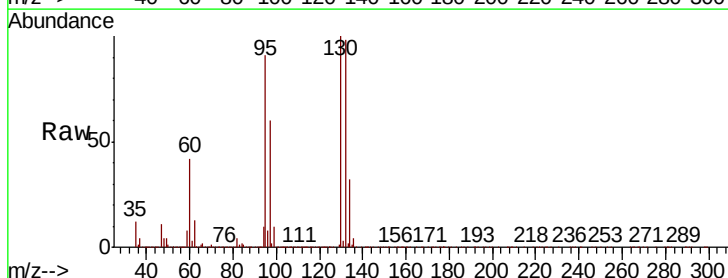
Manual Integrations
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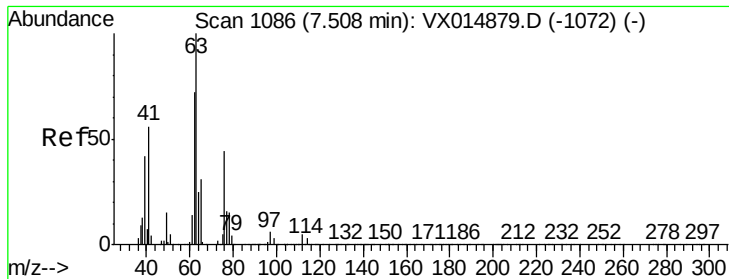
MMDadoda
2/11/2020 10:36:20 AM



#44
Trichloroethene
Concen: 152.196 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	182.6





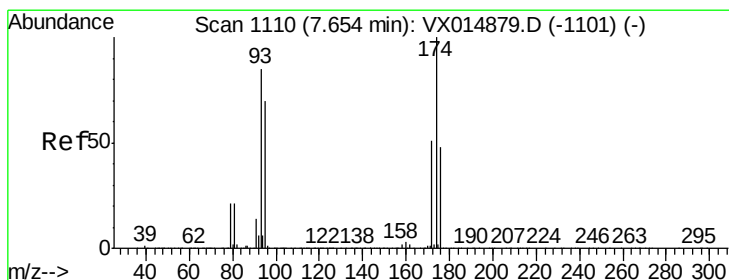
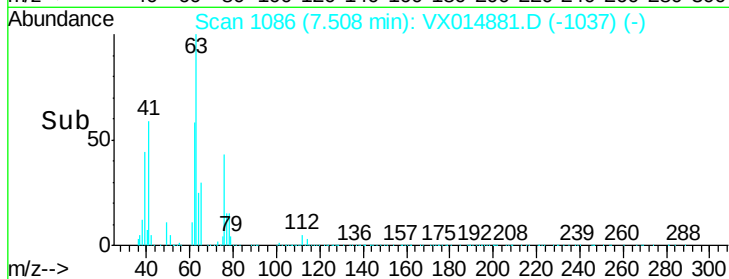
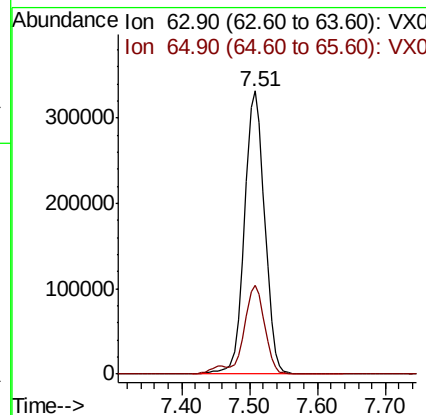
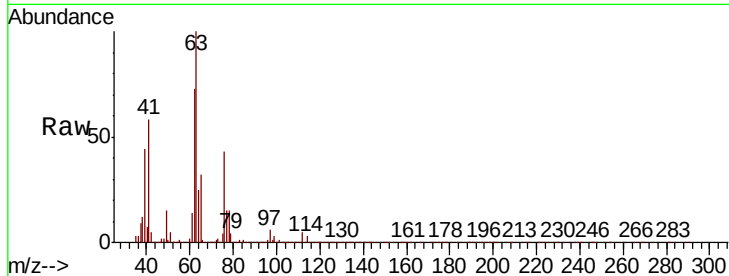
#45
 1,2-Dichloropropane
 Concen: 152.633 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.9	37.3

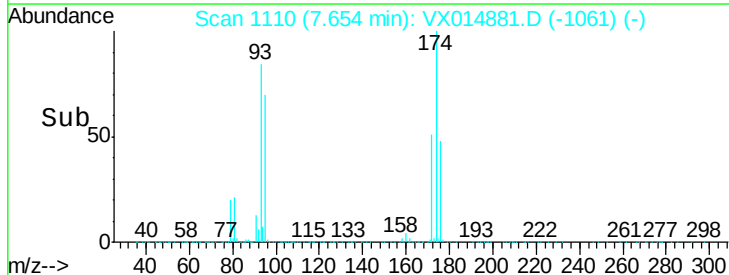
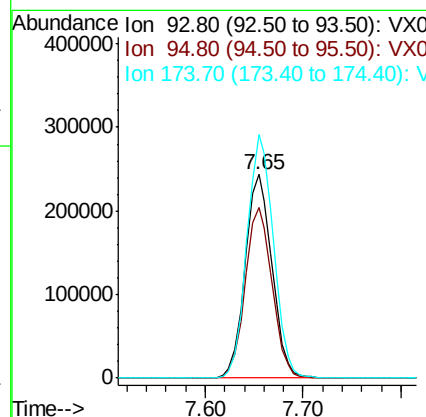
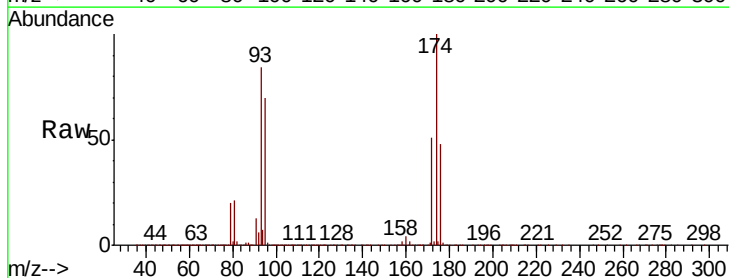
Manual Integrations
 APPROVED

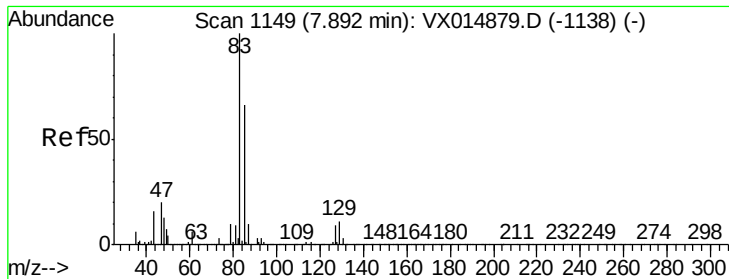
MMDadoda
 2/11/2020 10:36:20 AM



#46
 Dibromomethane
 Concen: 150.860 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.8	98.8
174	118.8	95.4	143.2





#47

Bromodichloromethane

Concen: 159.384 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

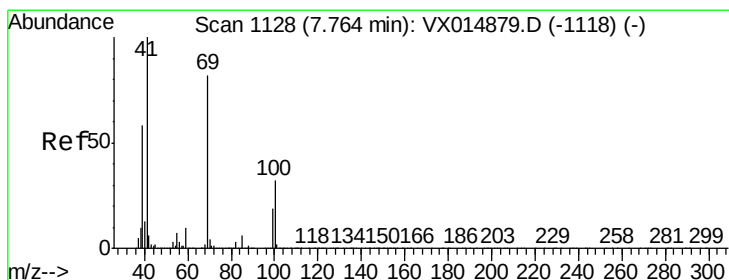
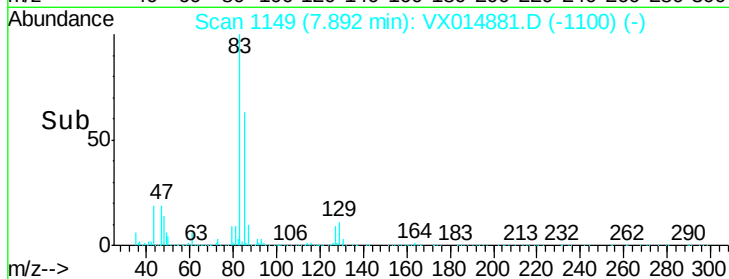
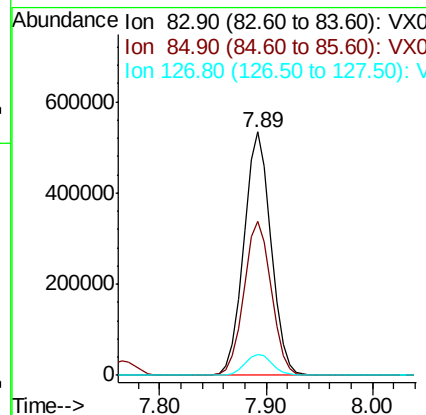
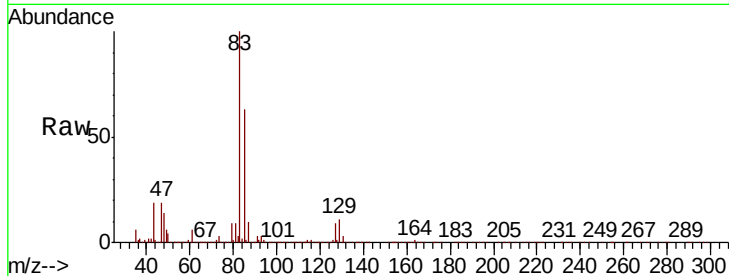
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	953244
Ion Ratio	Lower	Upper	
83	100		
85	63.2	52.5	78.7
127	8.8	7.4	11.0

Manual Integrations
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MMDadoda
2/11/2020 10:36:20 AM



#48

Methyl methacrylate

Concen: 171.403 ug/l

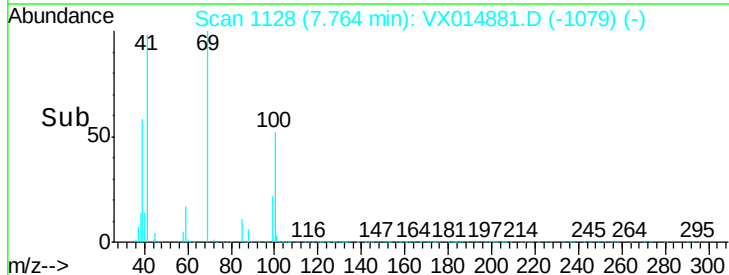
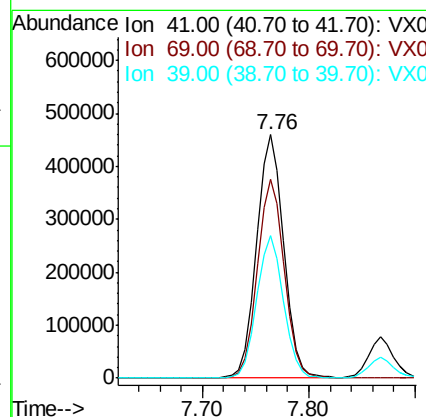
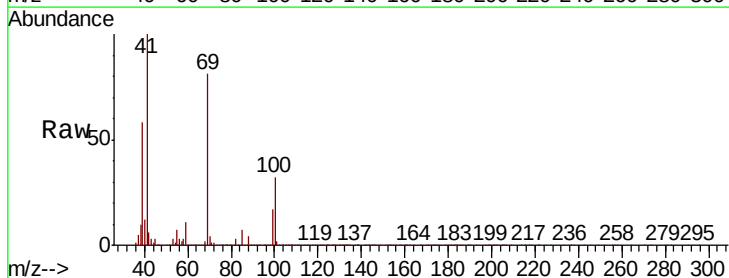
RT: 7.76 min Scan# 1128

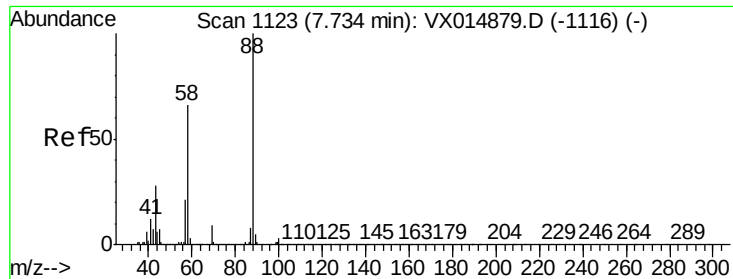
Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Tgt Ion:	41	Resp:	821358
Ion Ratio	Lower	Upper	
41	100		
69	81.2	65.7	98.5
39	57.7	45.8	68.8





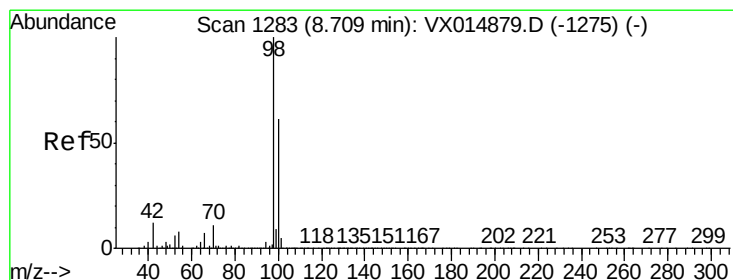
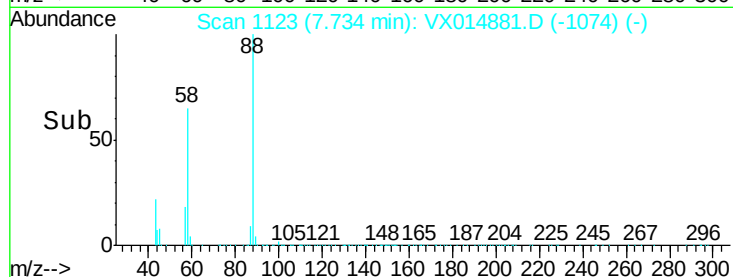
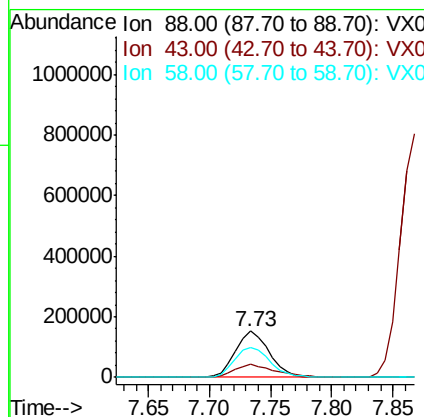
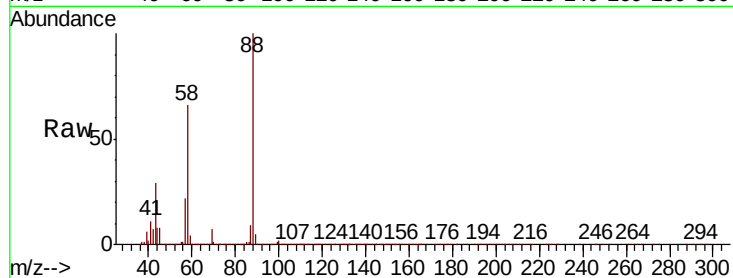
#49
1,4-Dioxane
Concen: 3131.468 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampled :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.0	40.4
58	69.2	53.2	79.8

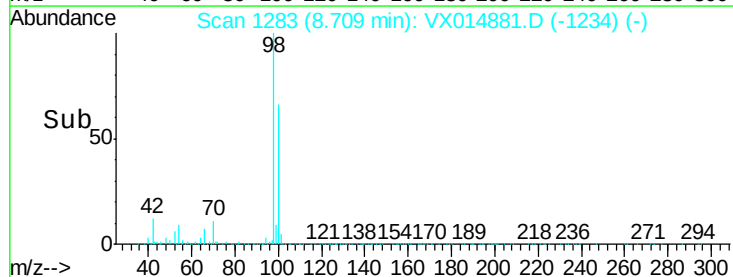
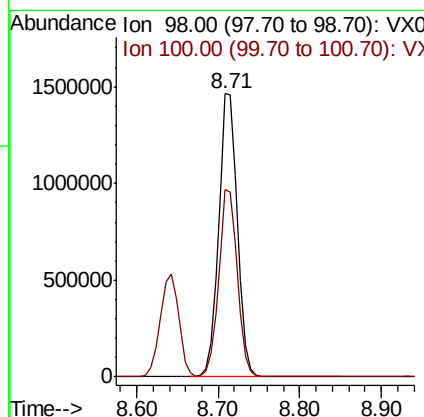
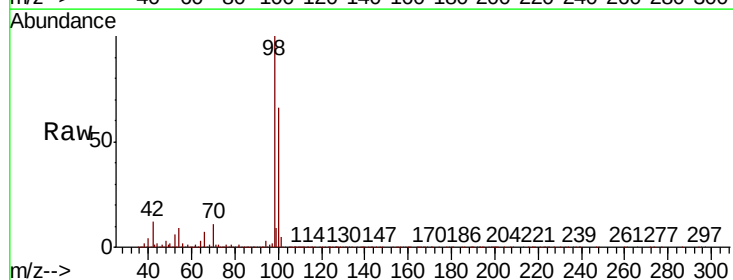
Manual Integrations
APPROVED

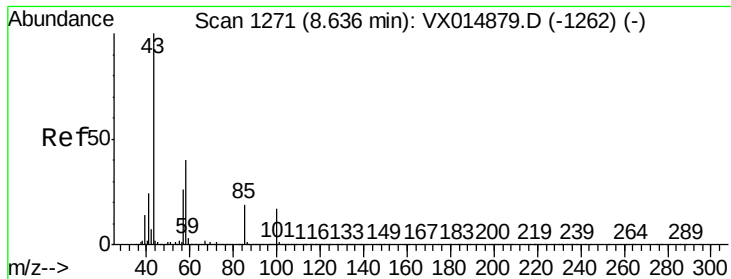
MMDadoda
2/11/2020 10:36:20 AM



#50
Toluene-d8
Concen: 146.260 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 814.929 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4877359

Ion Ratio Lower Upper

43 100

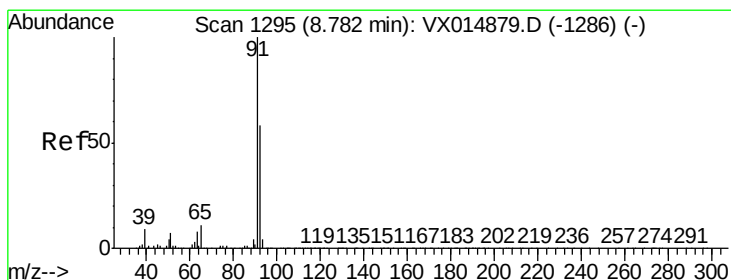
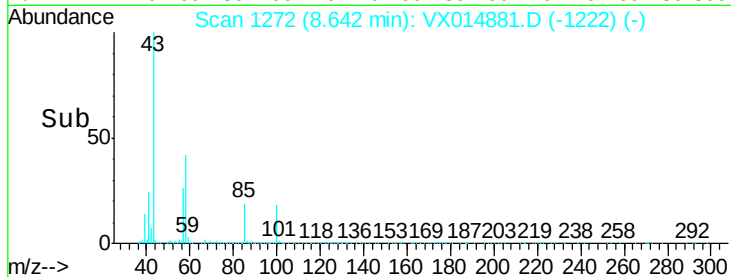
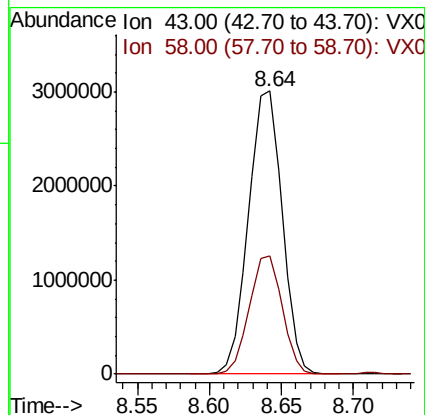
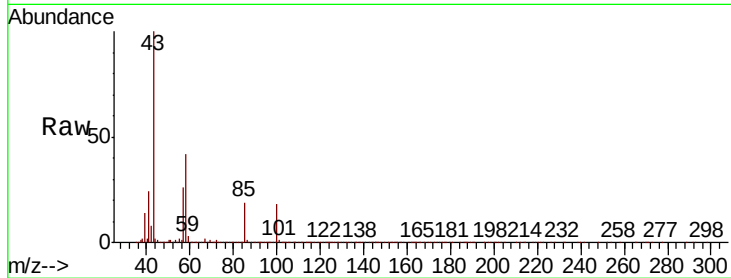
58 40.9 31.9 47.9

Manual Integrations

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MMDadoda

2/11/2020 10:36:20 AM



#52

Toluene

Concen: 154.482 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014881.D

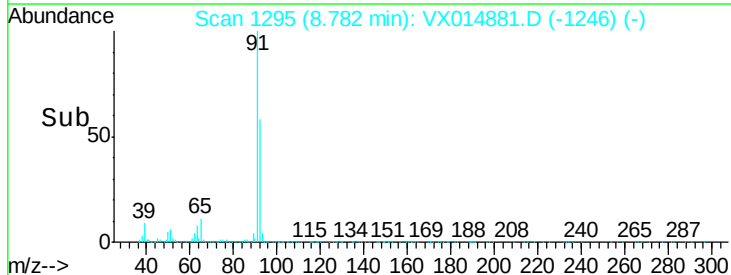
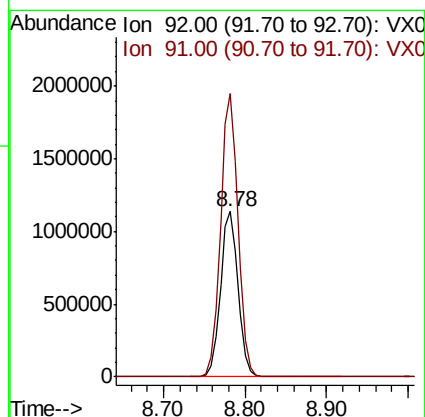
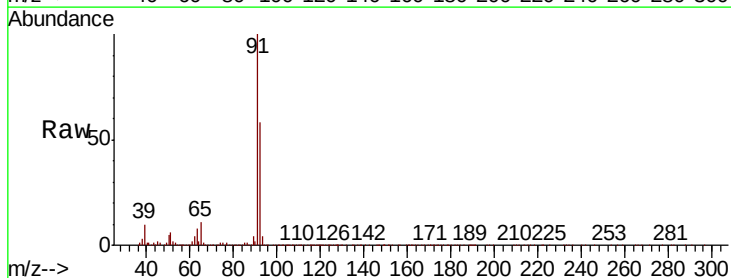
Acq: 10 Feb 2020 11:46

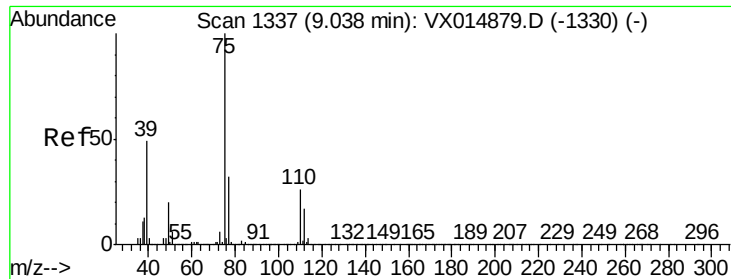
Tgt Ion: 92 Resp: 1712698

Ion Ratio Lower Upper

92 100

91 170.1 137.0 205.4





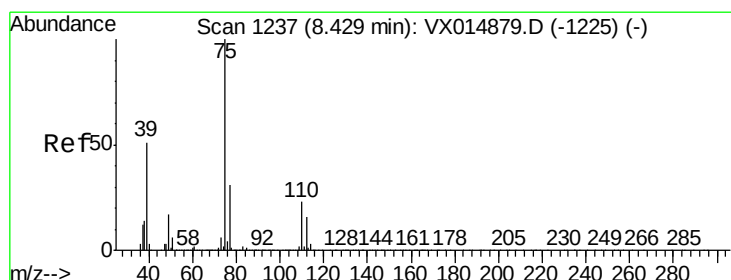
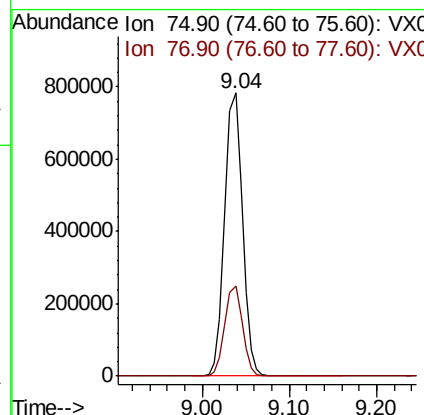
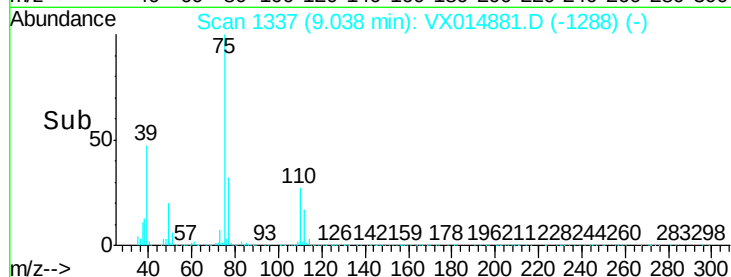
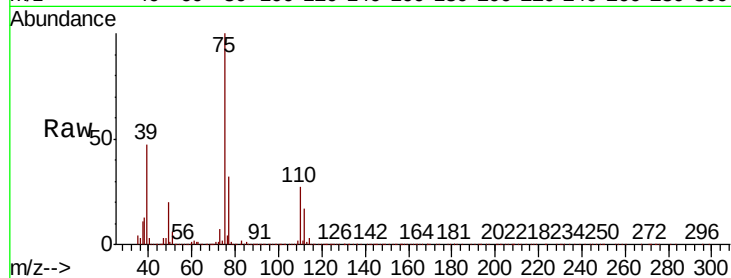
#53
t-1,3-Dichloropropene
Concen: 173.773 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 1109650
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3

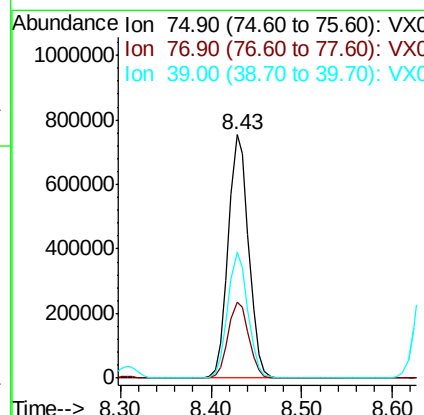
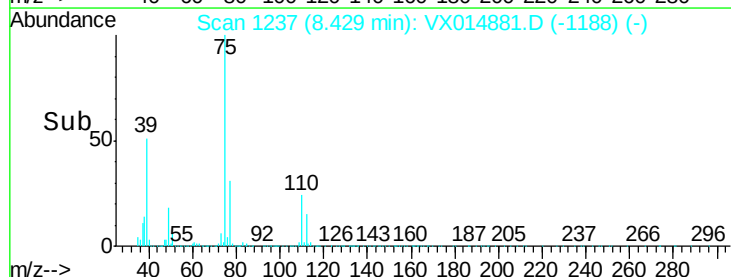
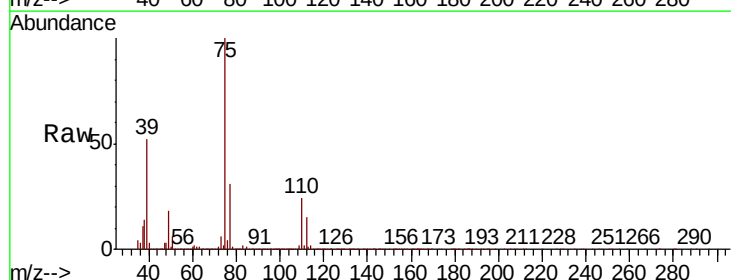
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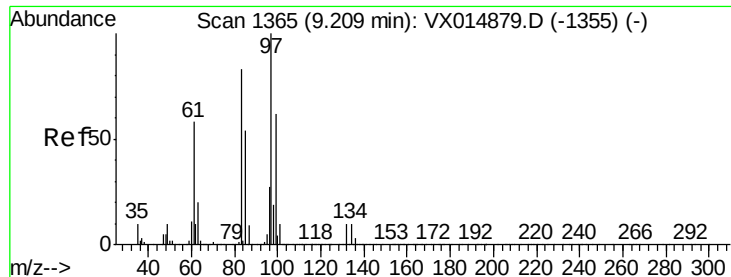
MMDadoda
2/11/2020 10:36:20 AM



#54
cis-1,3-Dichloropropene
Concen: 164.685 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 75 Resp: 1181290
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0
39 51.5 40.9 61.3





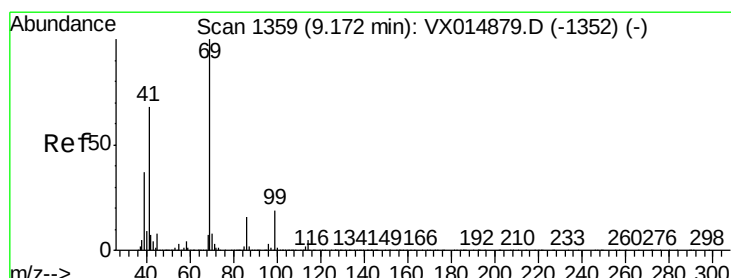
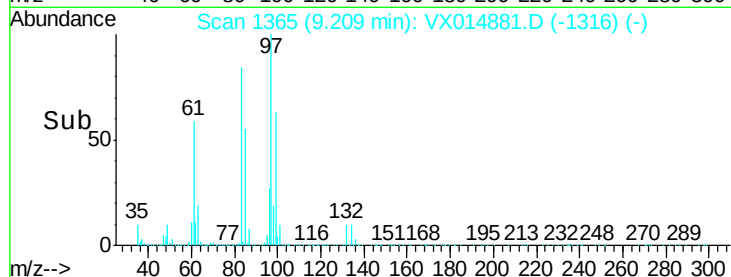
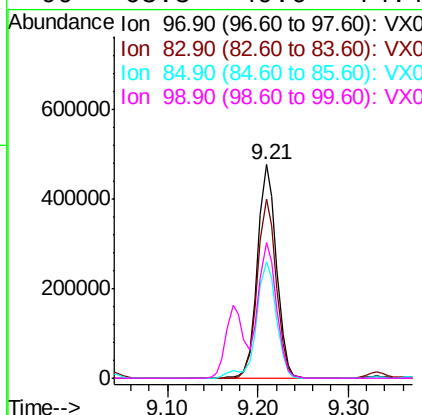
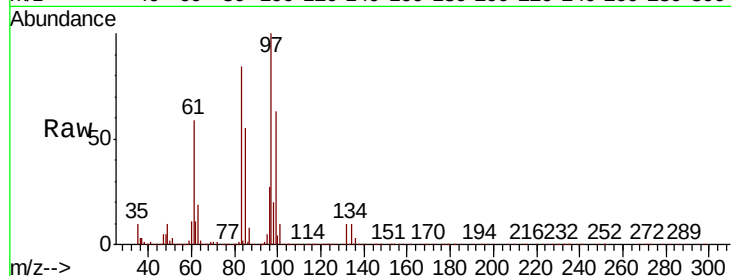
#55
 1,1,2-Trichloroethane
 Concen: 154.257 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.6	99.8
85	54.7	43.5	65.3
99	63.3	49.6	74.4

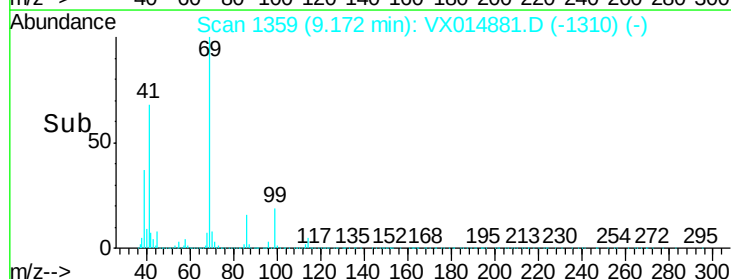
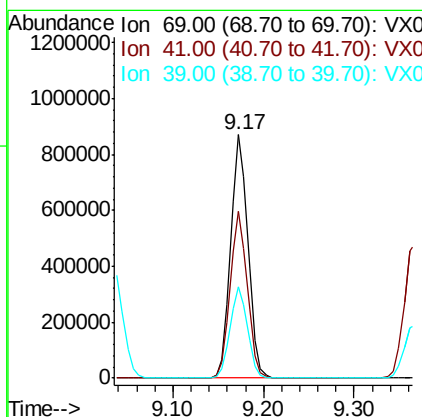
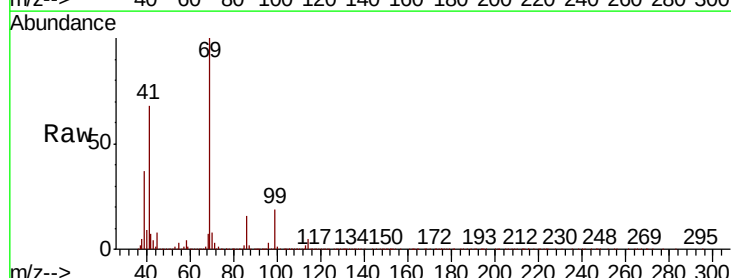
Manual Integrations
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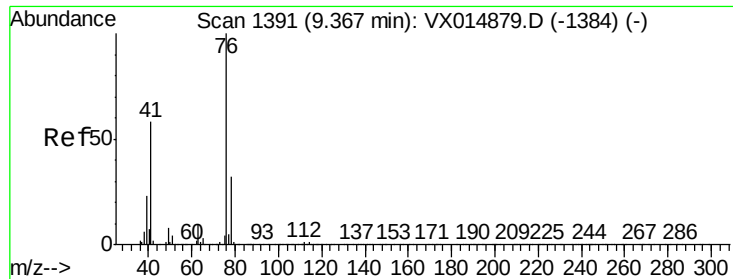
MMDadoda
 2/11/2020 10:36:20 AM



#56
 Ethyl methacrylate
 Concen: 178.244 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.8	82.2
39	37.5	29.9	44.9





#57

1,3-Dichloropropane

Concen: 153.711 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1165892

Ion Ratio Lower Upper

76 100

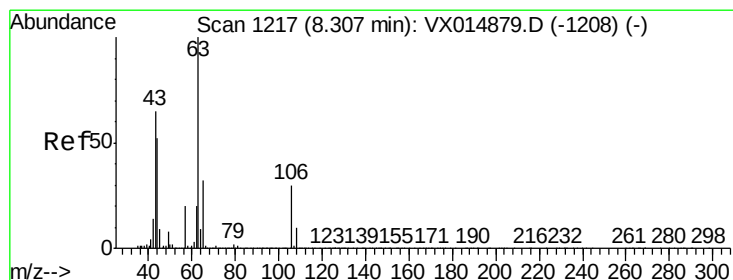
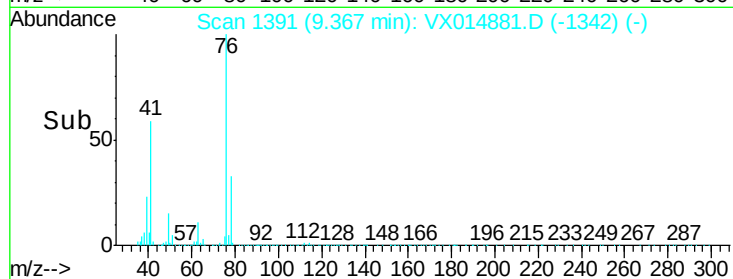
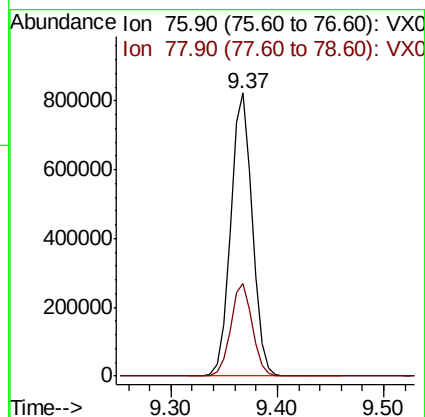
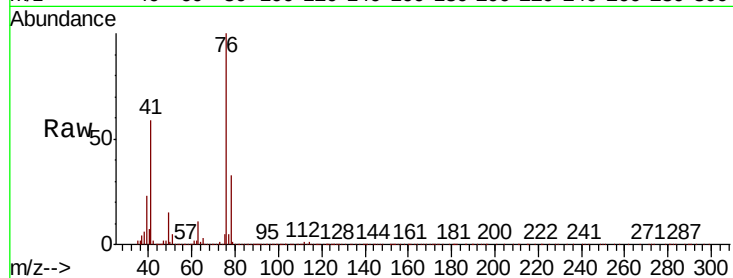
78 32.5 25.8 38.8

Manual Integrations

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2/11/2020 10:36:20 AM



#58

2-Chloroethyl Vinyl ether

Concen: 787.966 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014881.D

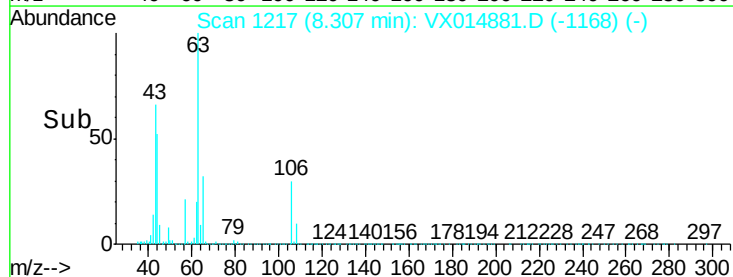
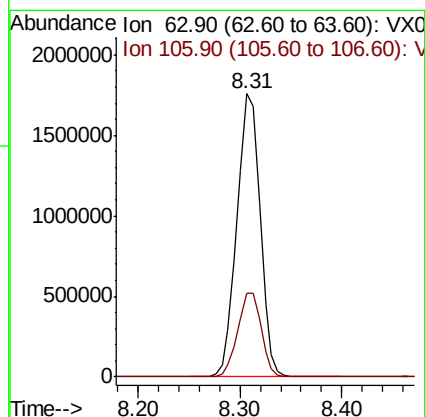
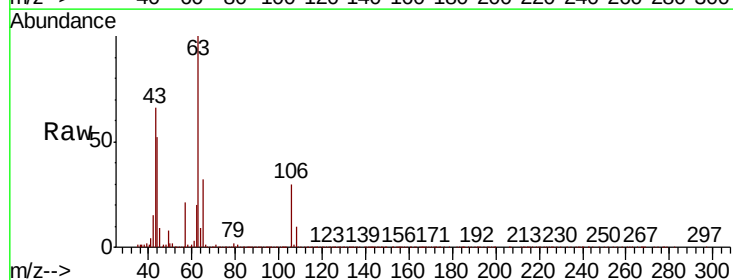
Acq: 10 Feb 2020 11:46

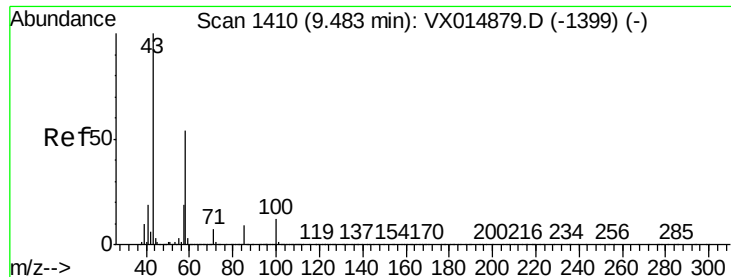
Tgt Ion: 63 Resp: 2757004

Ion Ratio Lower Upper

63 100

106 30.3 23.8 35.8





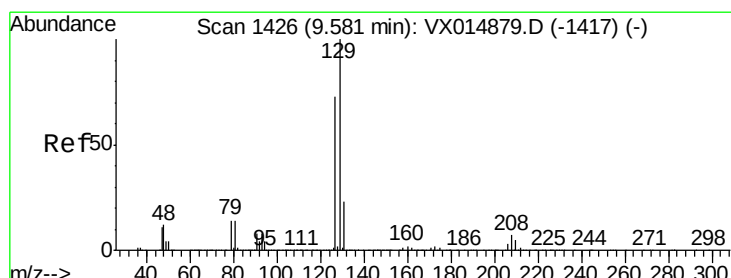
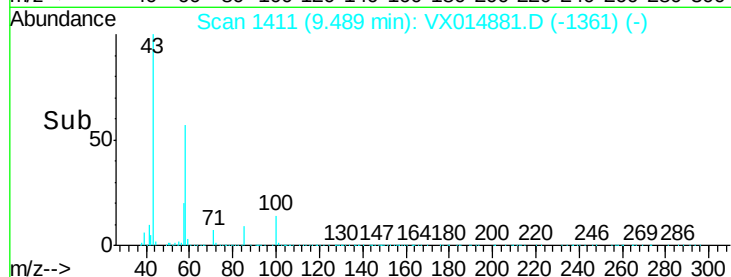
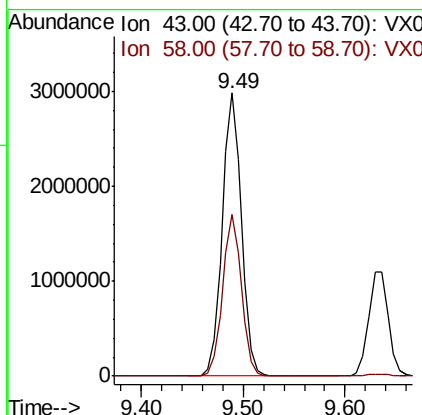
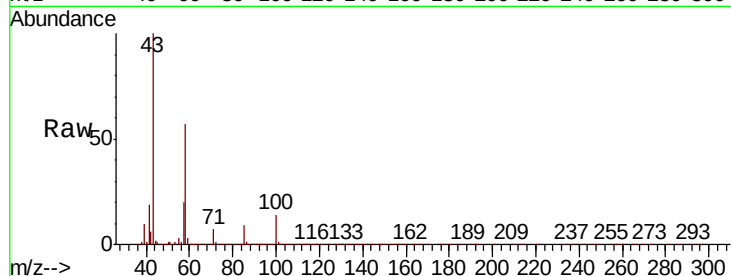
#59
2-Hexanone
Concen: 833.978 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 43 Resp: 3895156
Ion Ratio Lower Upper
43 100
58 56.1 27.5 82.5

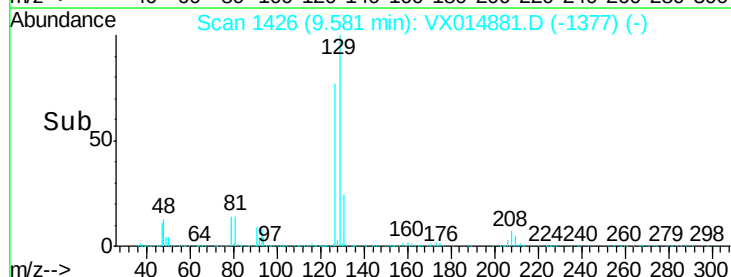
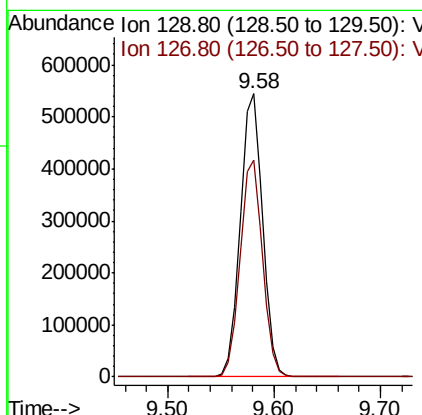
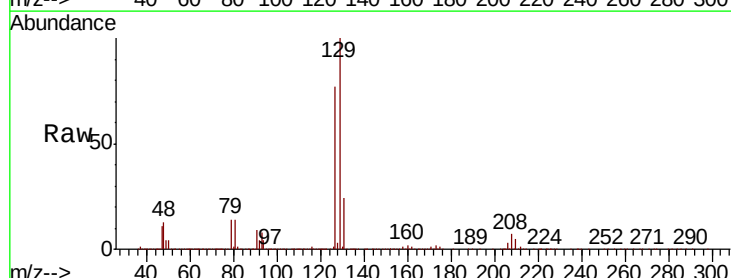
Manual Integrations
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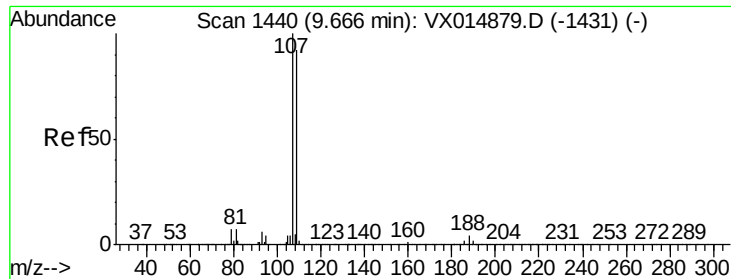
MMDadoda
2/11/2020 10:36:20 AM



#60
Dibromochloromethane
Concen: 172.184 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 129 Resp: 802908
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.3





#61

1,2-Dibromoethane

Concen: 153.762 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 747853

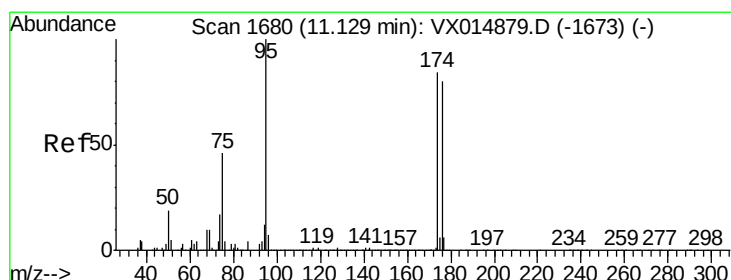
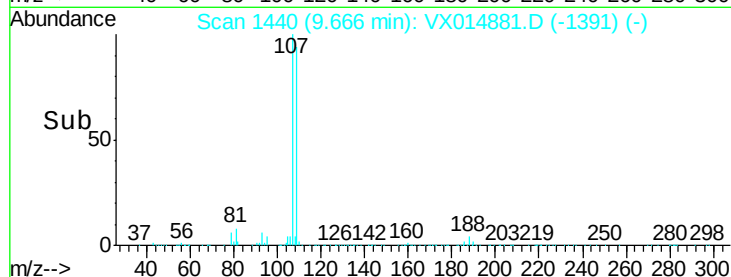
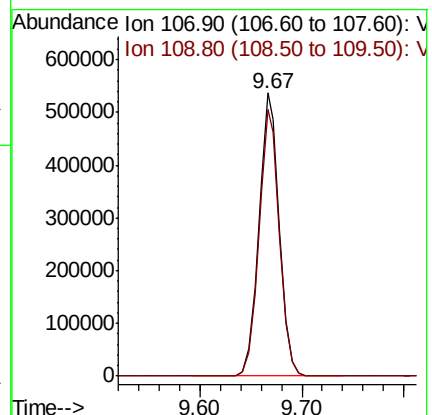
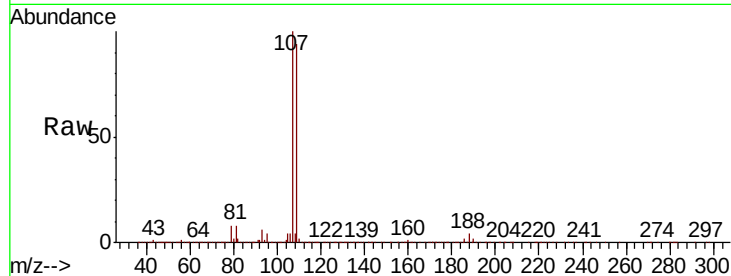
Ion Ratio Lower Upper

107 100

109 94.6 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 164.640 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

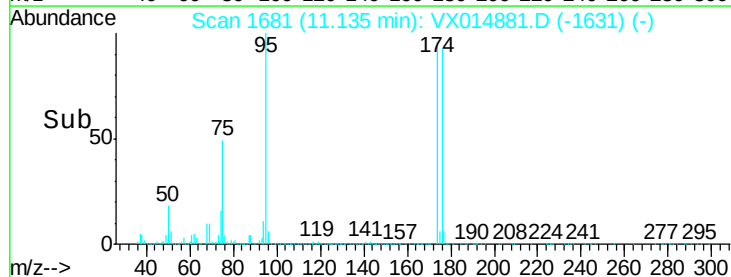
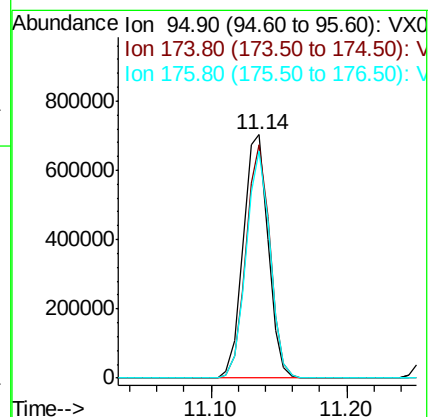
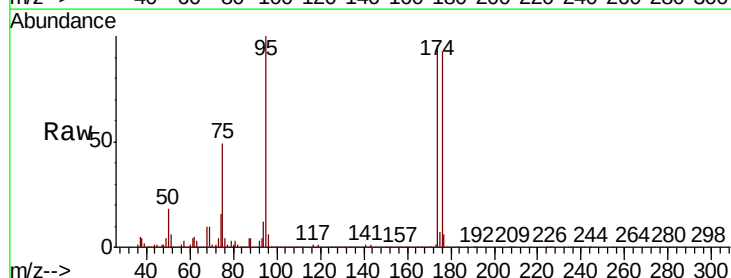
Tgt Ion: 95 Resp: 897875

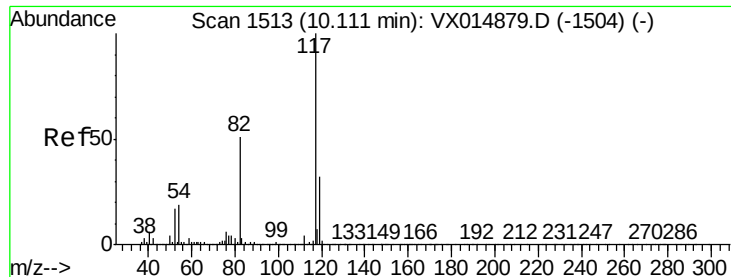
Ion Ratio Lower Upper

95 100

174 92.1 0.0 183.0

176 89.4 0.0 178.0





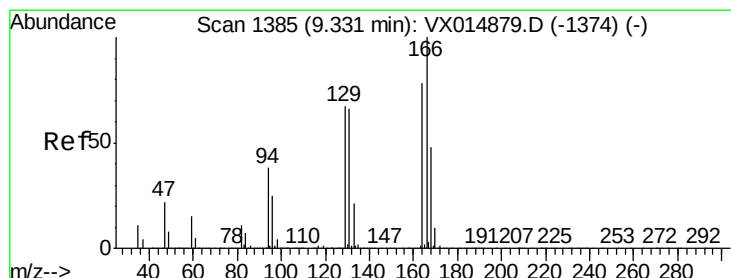
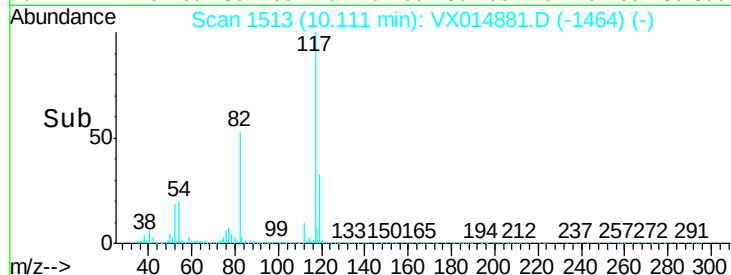
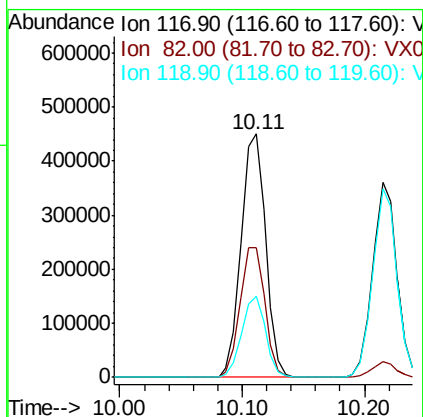
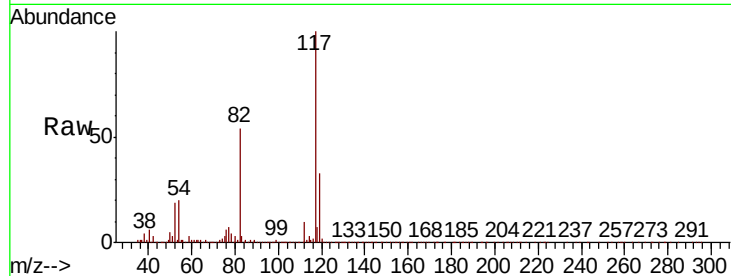
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	40.5	60.7
119	33.3	25.8	38.6

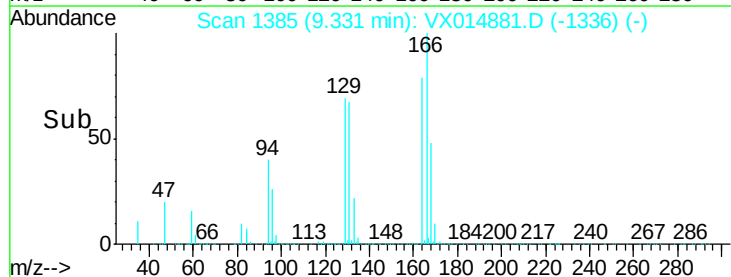
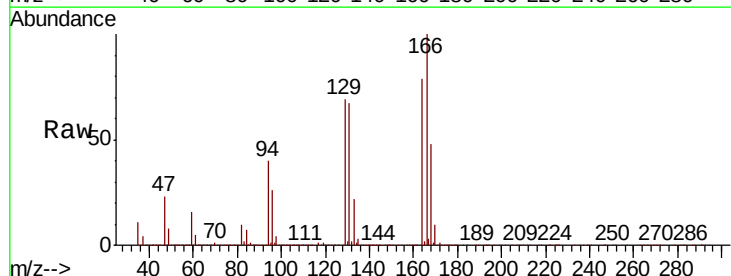
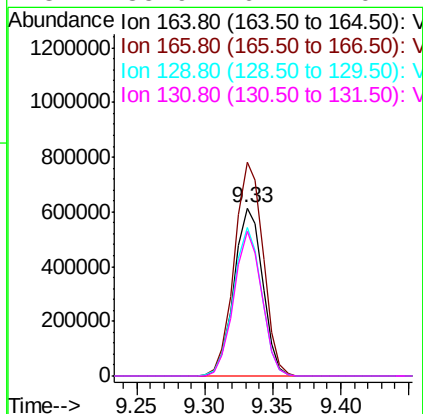
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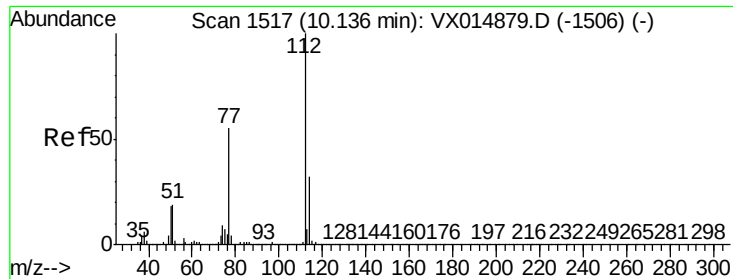
MMDadoda
2/11/2020 10:36:20 AM



#64
Tetrachloroethene
Concen: 156.332 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.6	153.8
129	88.3	68.3	102.5
131	85.9	67.4	101.2





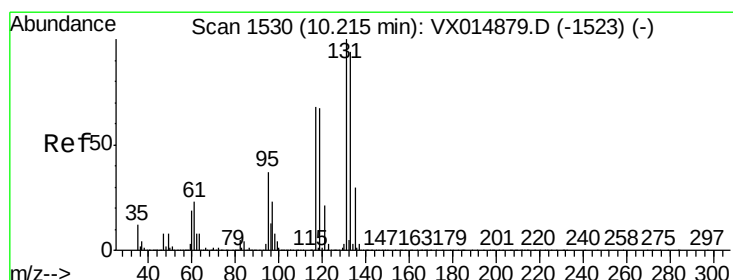
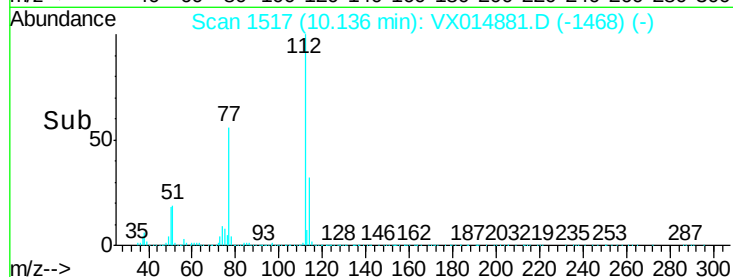
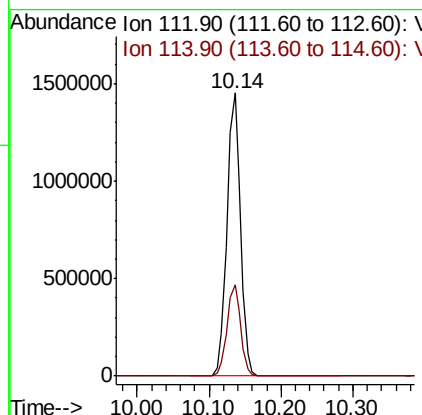
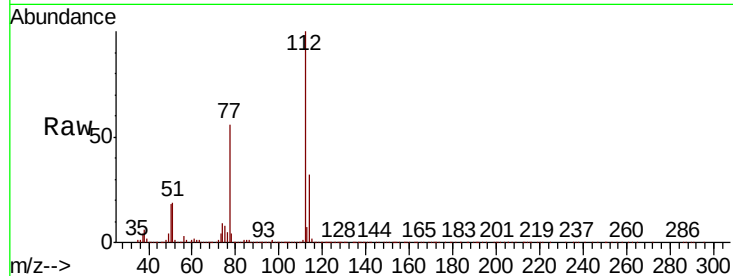
#65
Chlorobenzene
Concen: 150.624 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1908146
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4

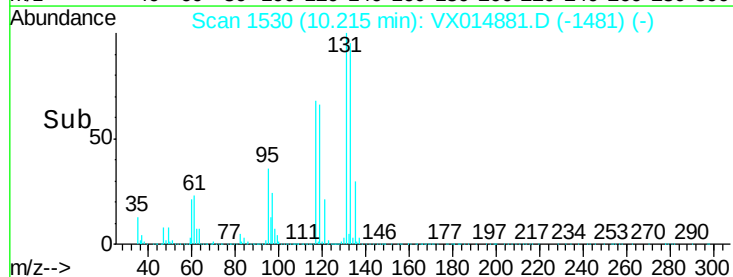
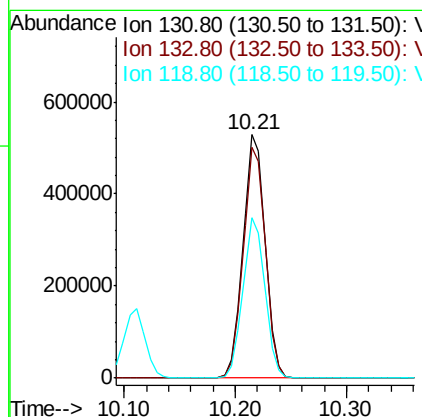
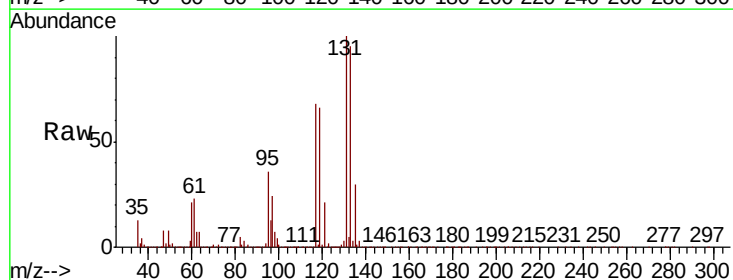
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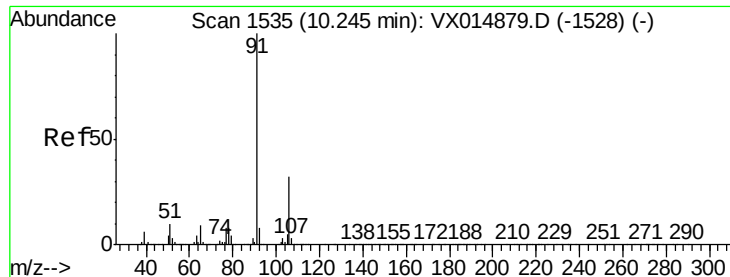
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 161.387 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion:131 Resp: 726590
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.4
119 65.5 33.0 99.0





#67

Ethyl Benzene

Concen: 158.536 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 3362774

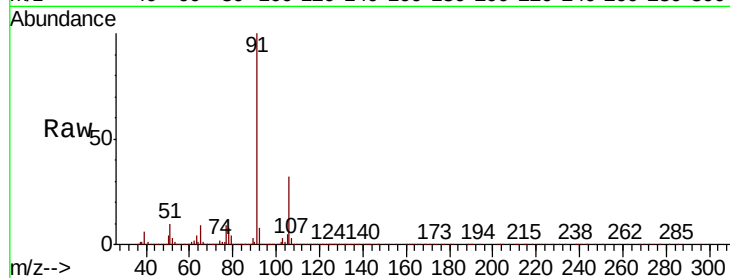
Ion Ratio Lower Upper

91 100

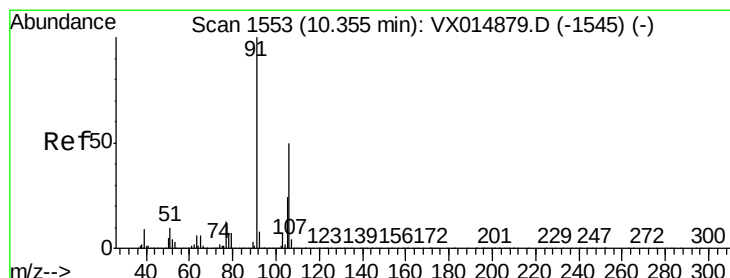
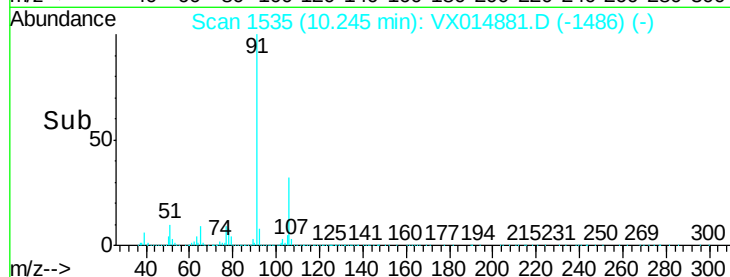
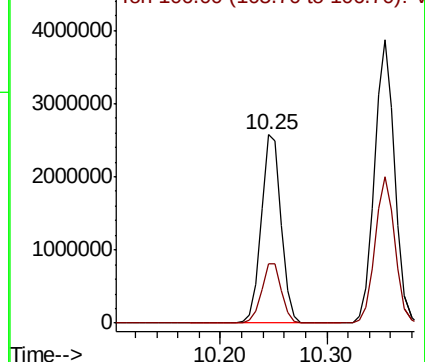
106 31.7 25.3 37.9

Manual Integrations
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MMDadoda
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Abundance Ion 91.00 (90.70 to 91.70): VX014881.D (-1486) (-)



#68

m/p-Xylenes

Concen: 320.072 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014881.D

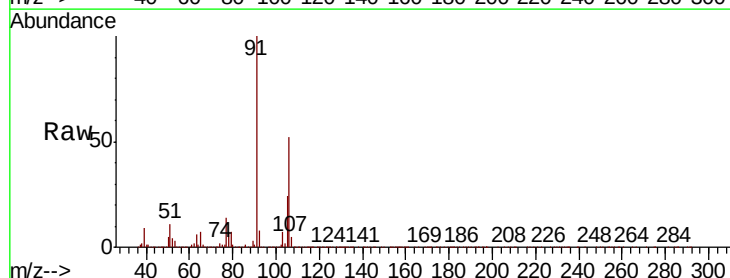
Acq: 10 Feb 2020 11:46

Tgt Ion: 106 Resp: 2607805

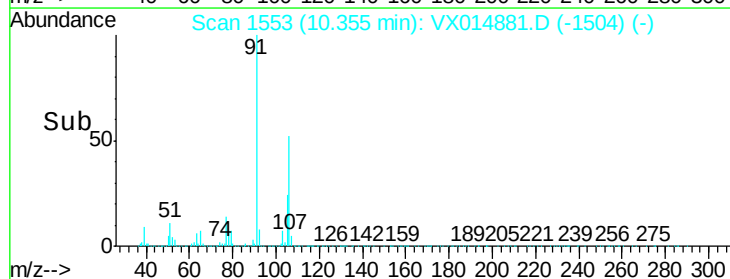
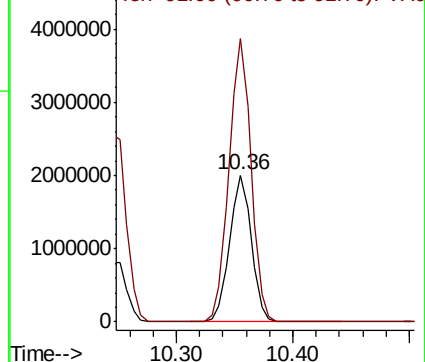
Ion Ratio Lower Upper

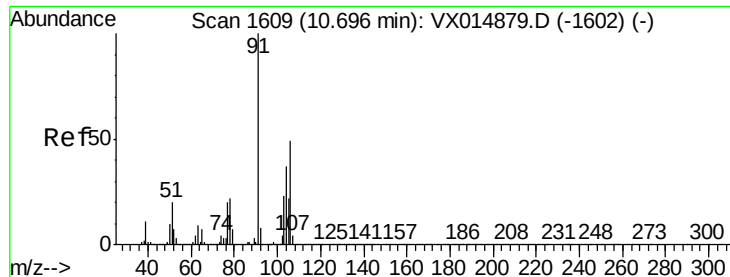
106 100

91 194.9 160.6 240.8



Abundance Ion 106.00 (105.70 to 106.70): VX014881.D (-1504) (-)





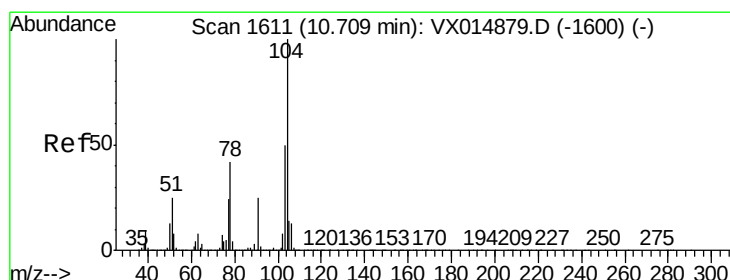
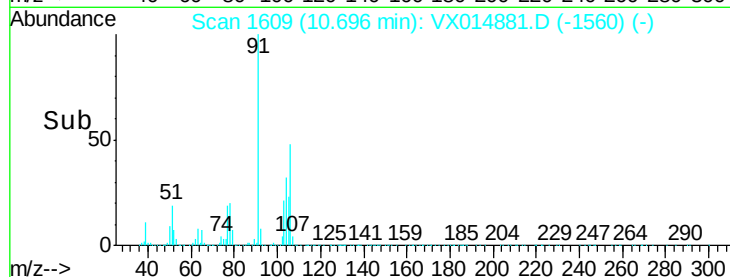
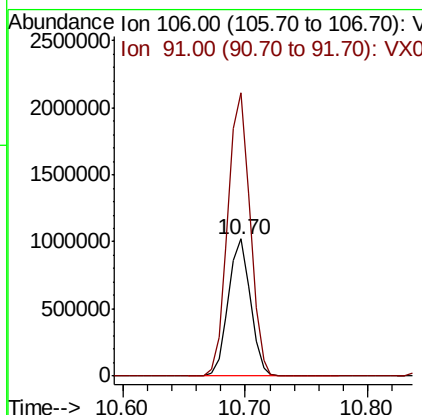
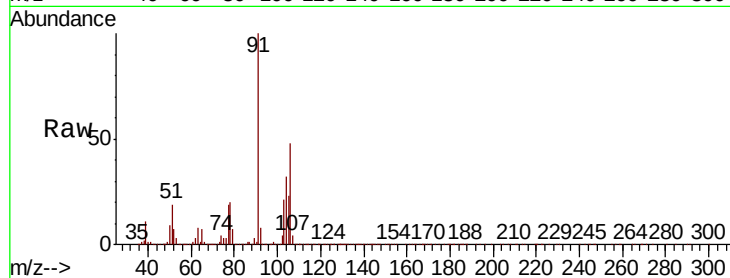
#69
o-Xylene
Concen: 163.010 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion:106 Resp: 1272672
Ion Ratio Lower Upper
106 100
91 208.1 105.1 315.3

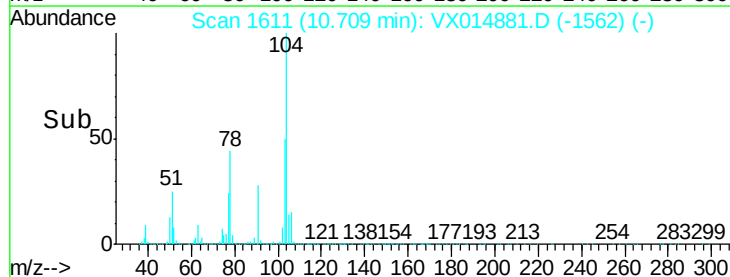
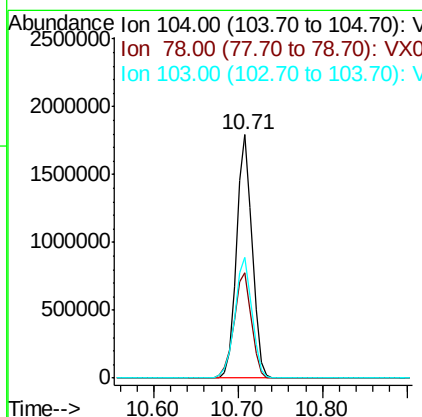
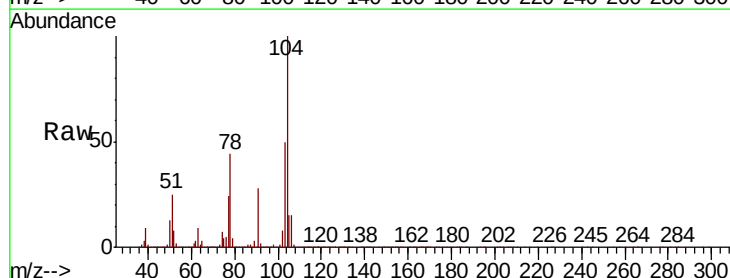
Manual Integrations
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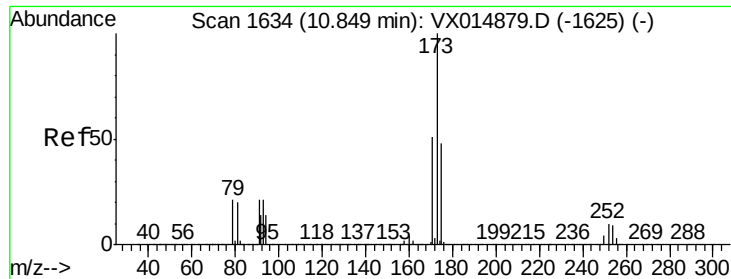
MMDadoda
2/11/2020 10:36:20 AM



#70
Styrene
Concen: 171.918 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion:104 Resp: 2226404
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.4
103 54.4 43.4 65.0





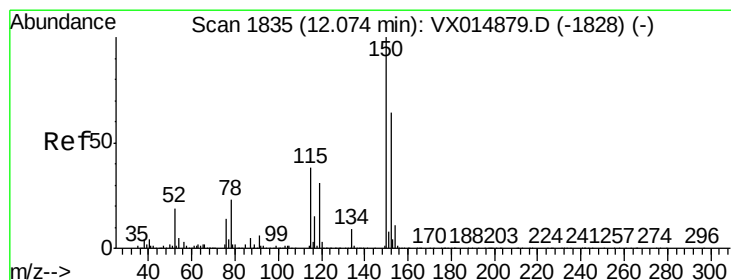
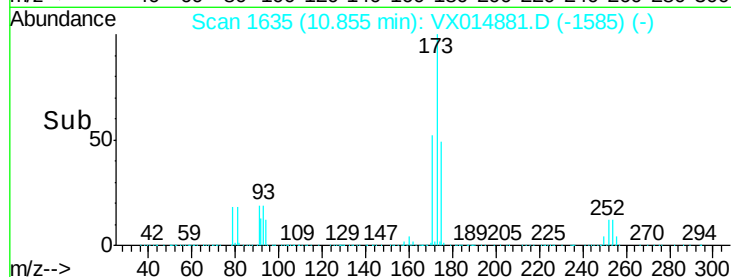
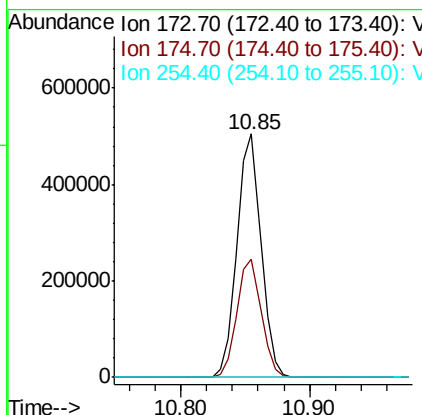
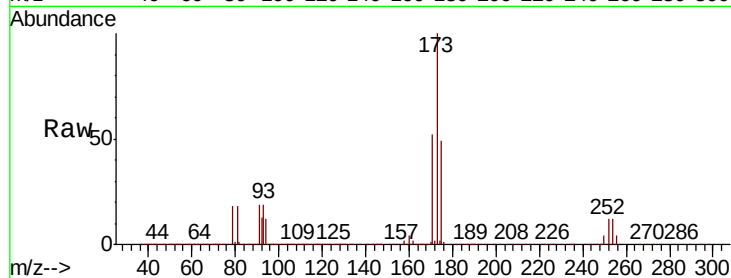
#71
Bromoform
Concen: 182.535 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.2	72.6
254	0.2	0.2	0.2

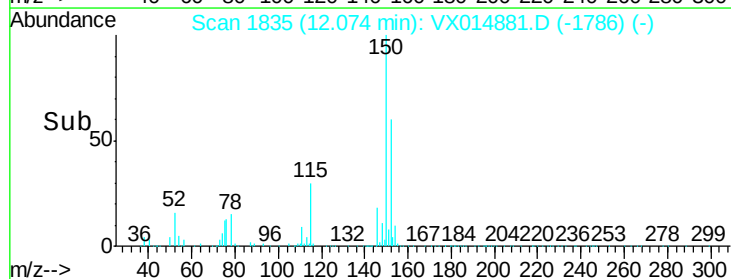
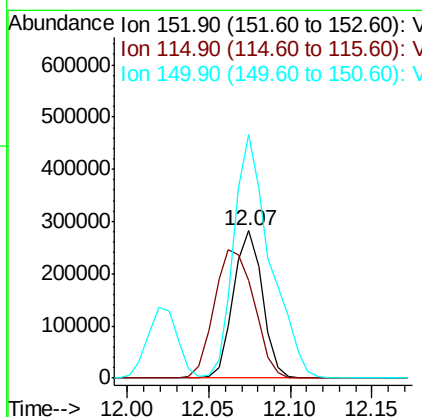
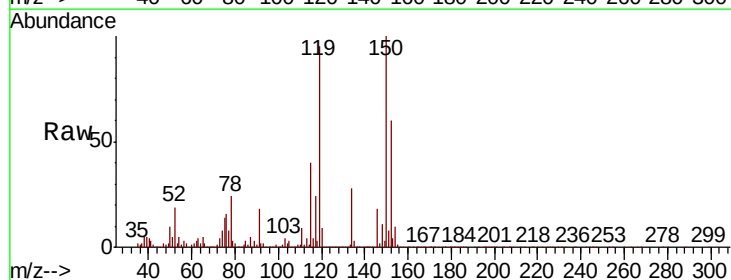
Manual Integrations
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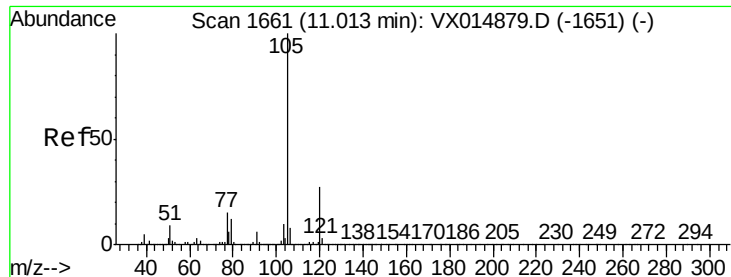
MMDadoda
2/11/2020 10:36:20 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	119.1	38.6	116.0#
150	206.1	0.0	349.0





#73

Isopropylbenzene

Concen: 151.057 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3293485

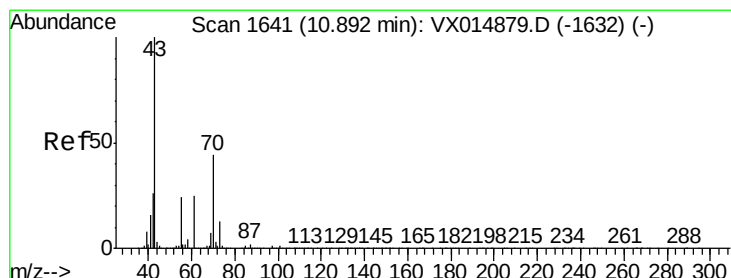
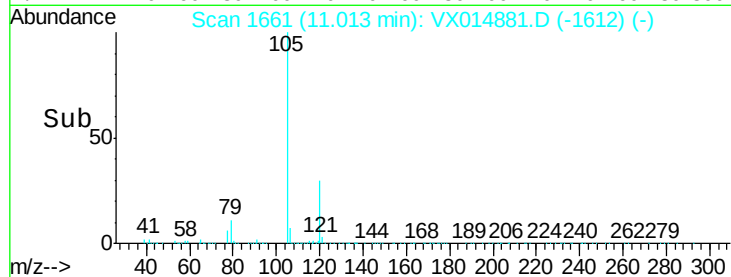
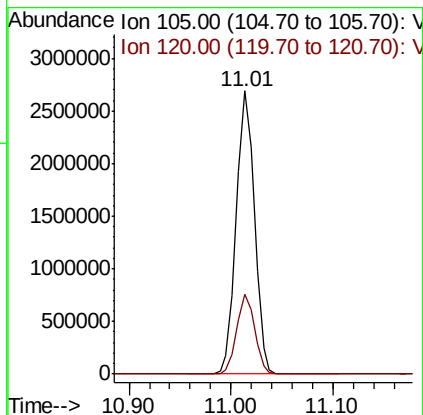
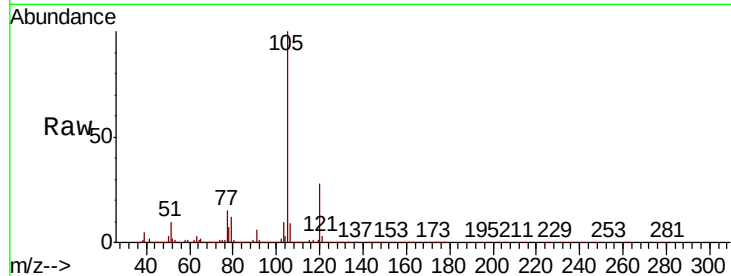
Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.8

Manual Integrations
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2/11/2020 10:36:20 AM



#74

N-ethyl acetate

Concen: 178.386 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Tgt Ion: 43 Resp: 1534006

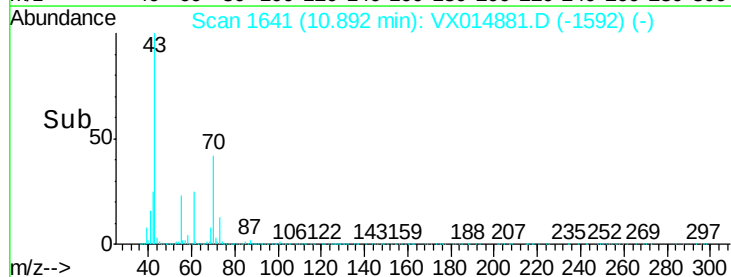
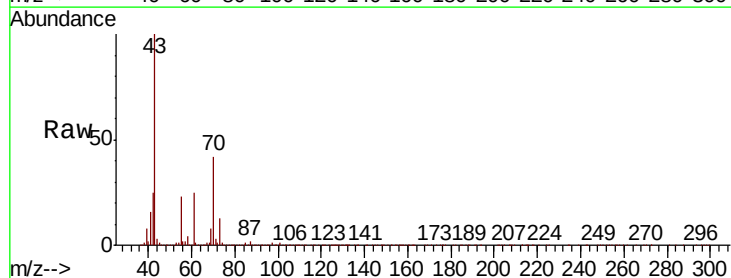
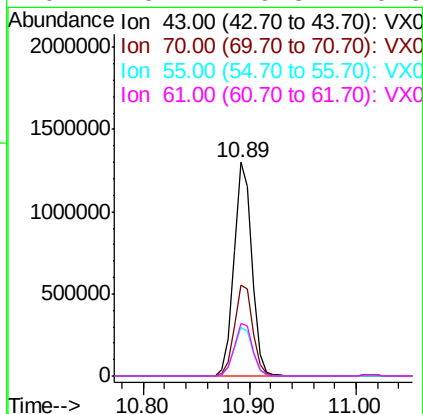
Ion Ratio Lower Upper

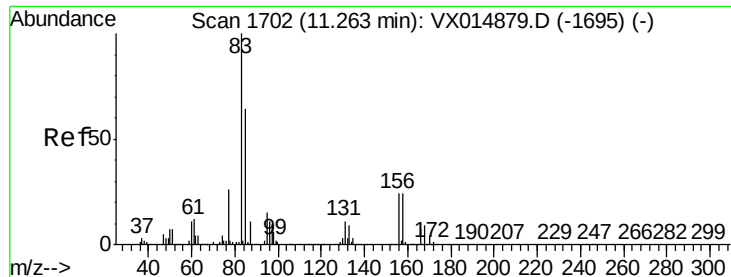
43 100

70 43.5 35.0 52.4

55 23.6 19.4 29.2

61 25.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 150.601 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampled :

VSTDICC150

Tot Ion: 83 Resp: 1081201

Ion Ratio Lower Upper

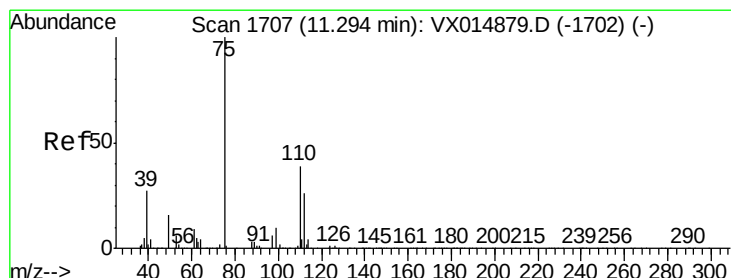
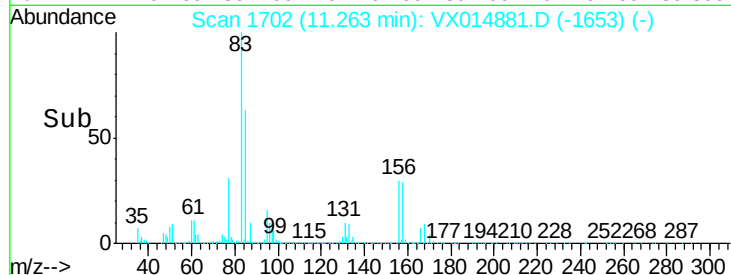
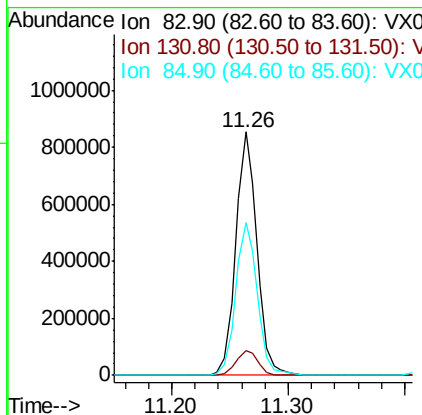
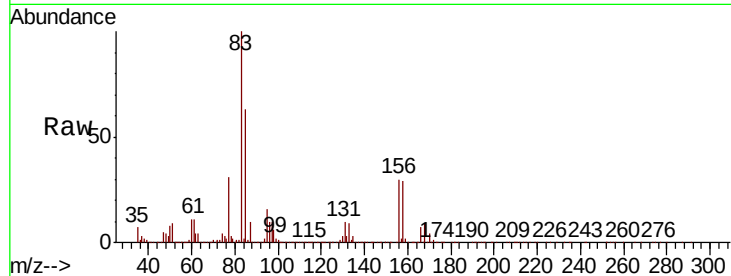
83 100

131 10.4 5.3 16.1

85 64.3 32.6 97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 134.863 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014881.D

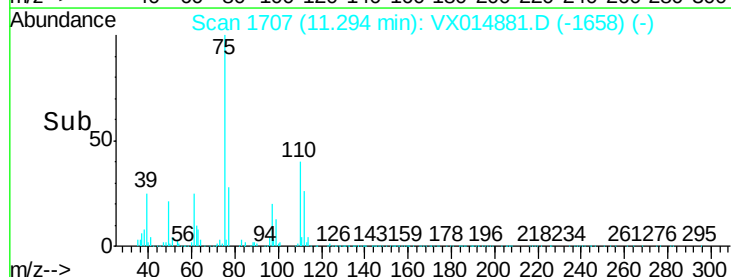
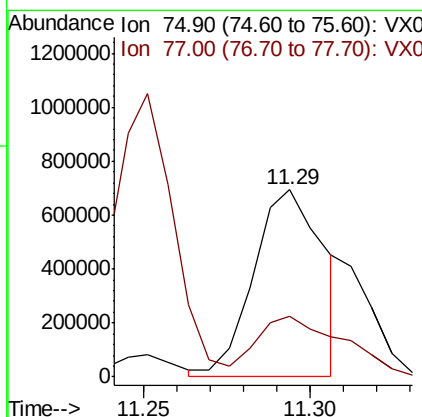
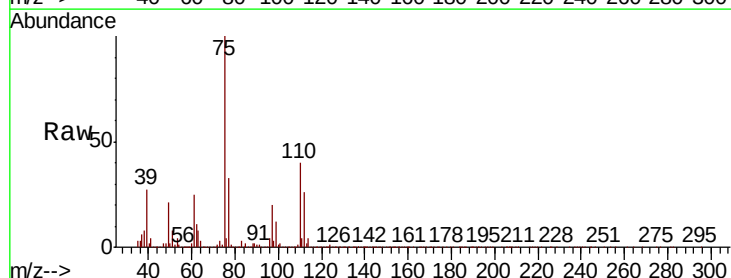
Acq: 10 Feb 2020 11:46

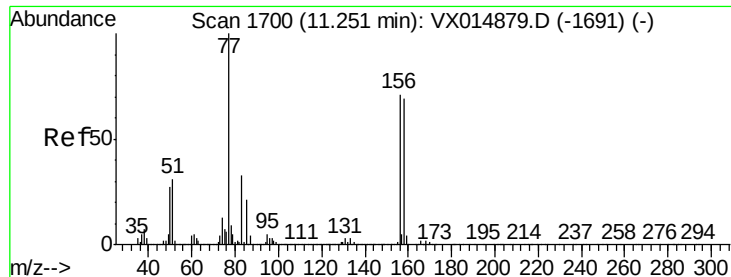
Tgt Ion: 75 Resp: 1018555

Ion Ratio Lower Upper

75 100

77 40.0 18.4 55.0





#77

Bromobenzene

Concen: 148.803 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

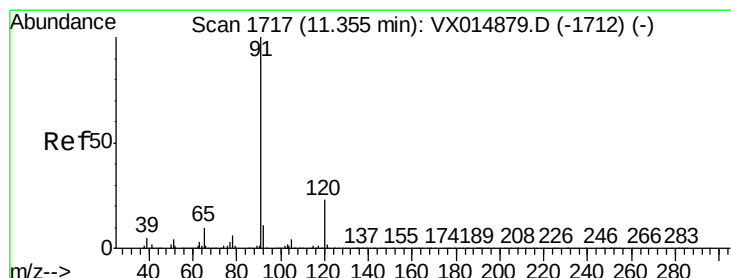
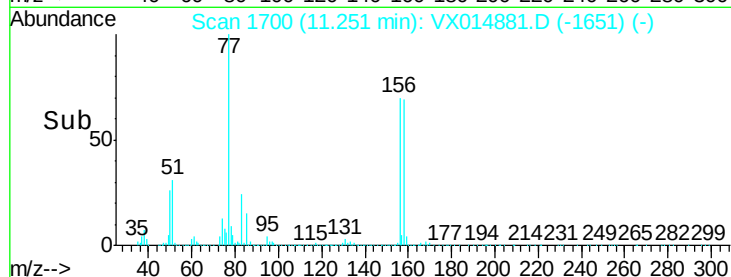
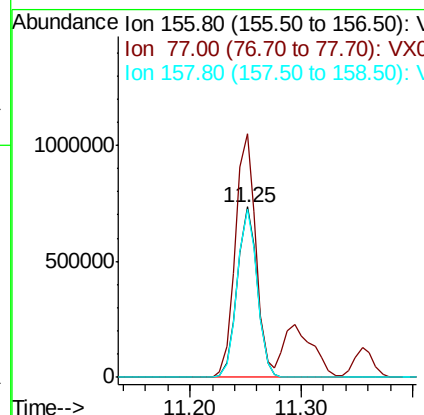
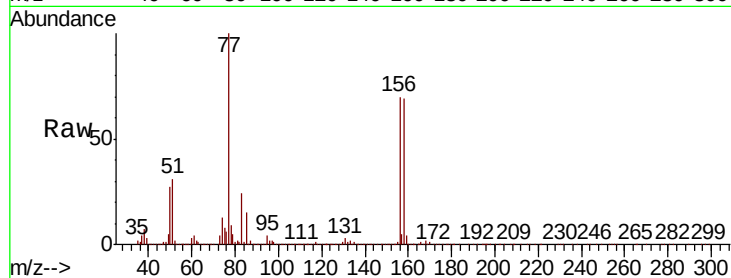
ClientSampled :

VSTDIC150

Tot Ion:	156	Resp:	911111
Ion Ratio	Lower	Upper	
156	100		
77	146.7	74.0	222.0
158	98.5	48.9	146.6

Manual Integrations
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MMDadoda
2/11/2020 10:36:20 AM



#78

n-propylbenzene

Concen: 152.848 ug/l

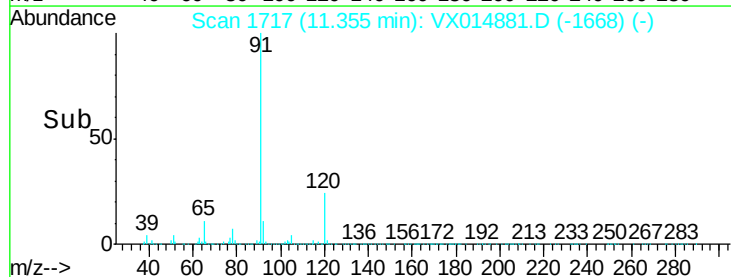
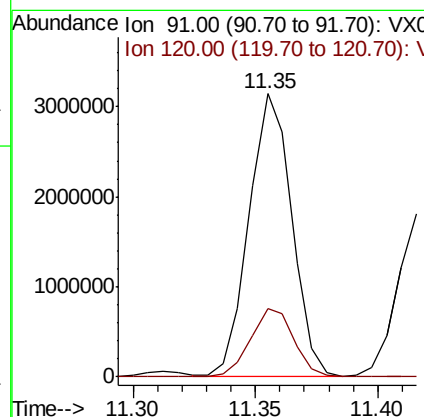
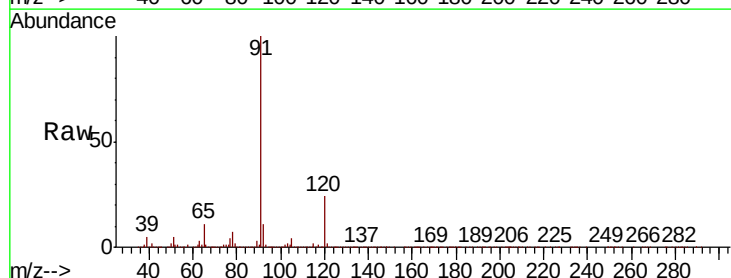
RT: 11.35 min Scan# 1717

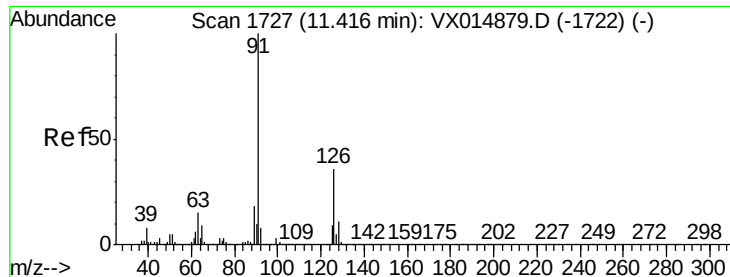
Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Tgt Ion:	91	Resp:	3839589
Ion Ratio	Lower	Upper	
91	100		
120	24.3	11.8	35.4





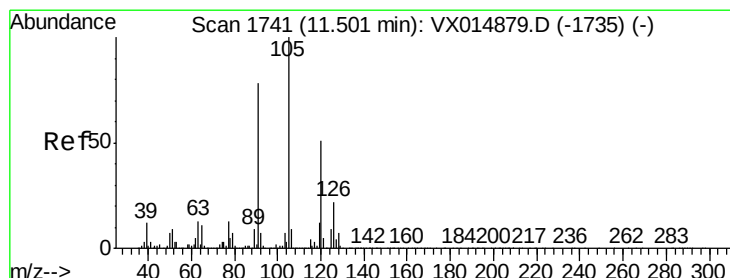
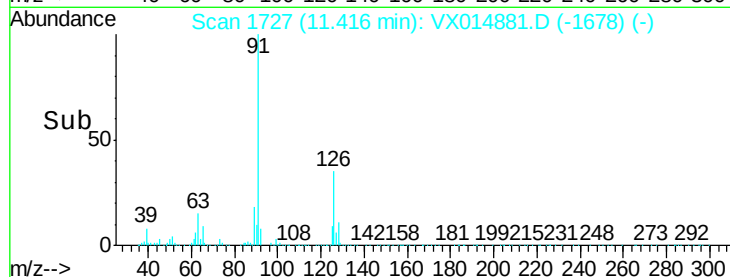
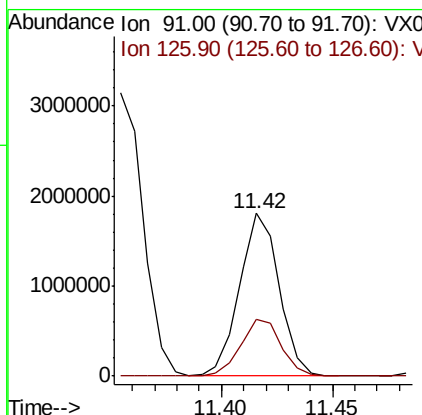
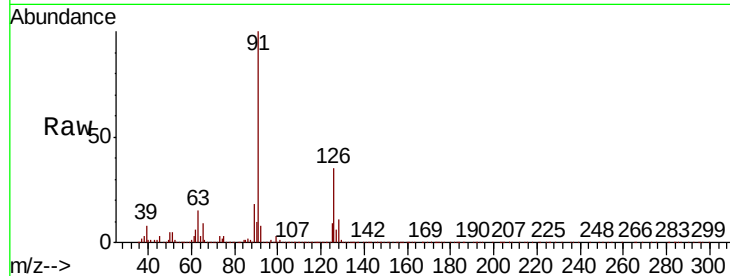
#79
2-Chlorotoluene
Concen: 150.291 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2233884
Ion Ratio Lower Upper
91 100
126 35.7 18.0 54.0

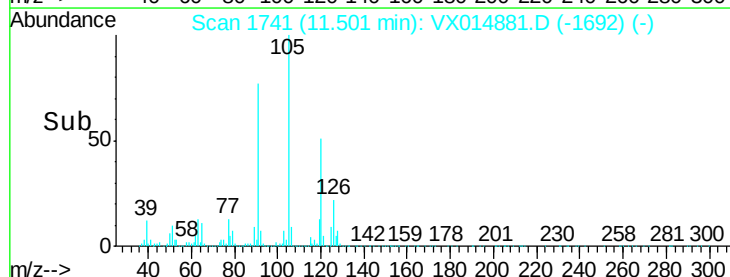
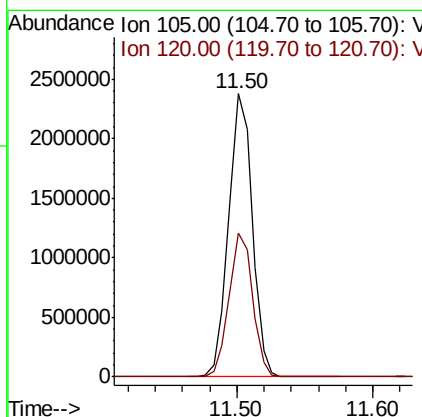
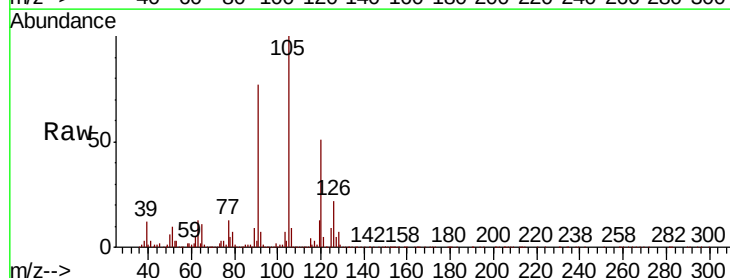
Manual Integrations
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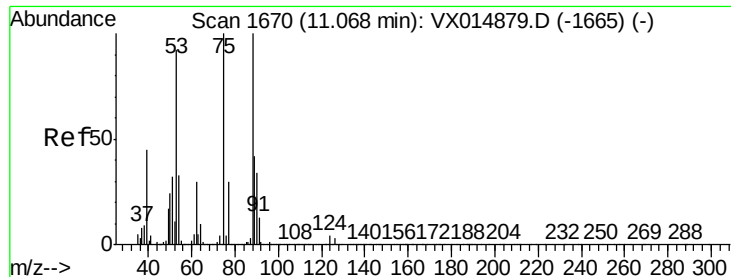
MMDadoda
2/11/2020 10:36:20 AM



#80
1,3,5-Trimethylbenzene
Concen: 160.778 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 105 Resp: 2875142
Ion Ratio Lower Upper
105 100
120 50.6 25.6 76.6





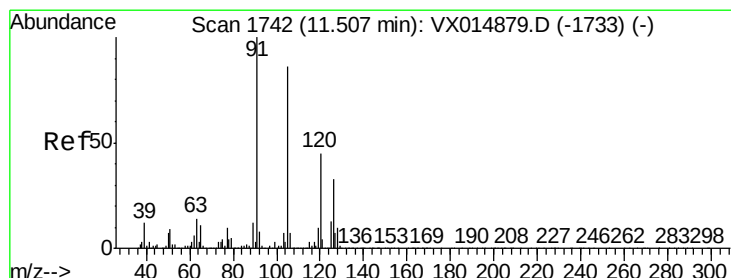
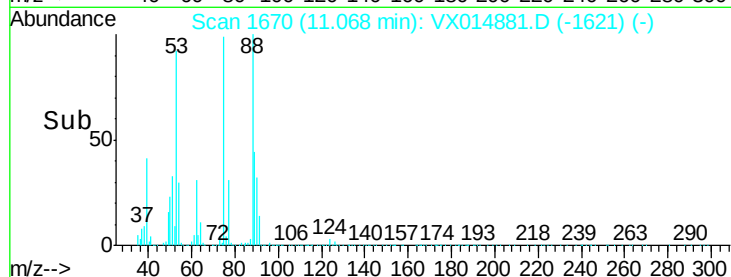
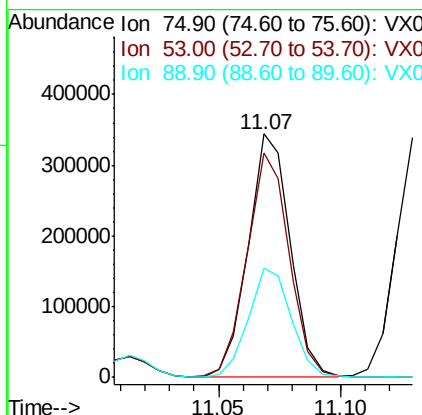
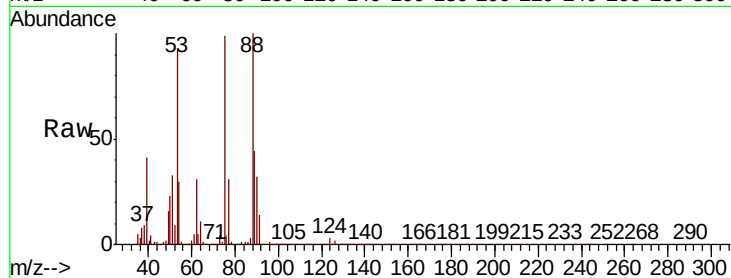
#81
trans-1,4-Dichloro-2-butene
Concen: 194.894 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.6	76.2	114.2
89	46.2	35.8	53.6

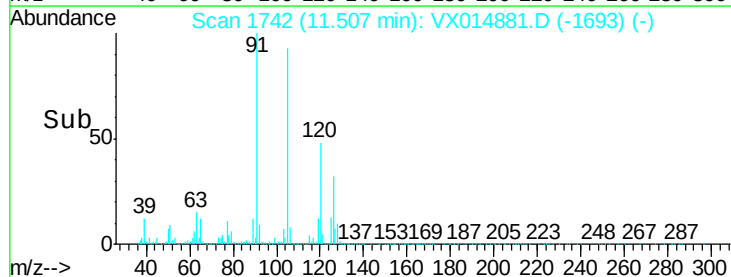
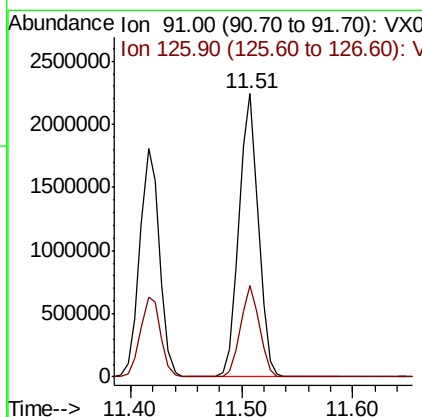
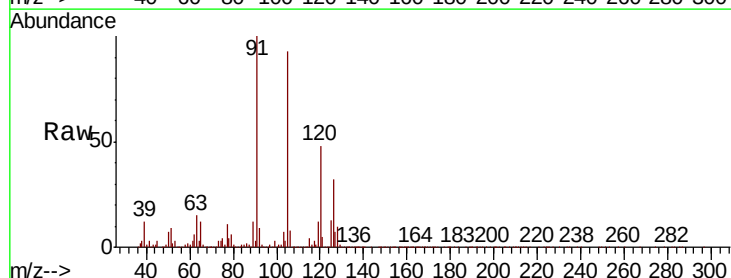
Manual Integrations
APPROVED

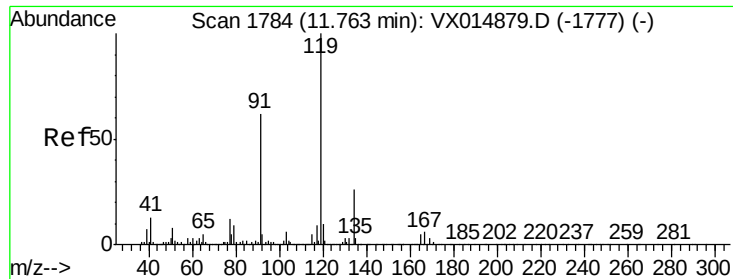
MMDadoda
2/11/2020 10:36:20 AM



#82
4-Chlorotoluene
Concen: 154.419 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.7	47.0





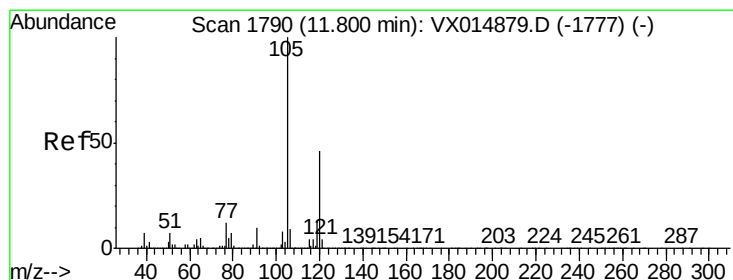
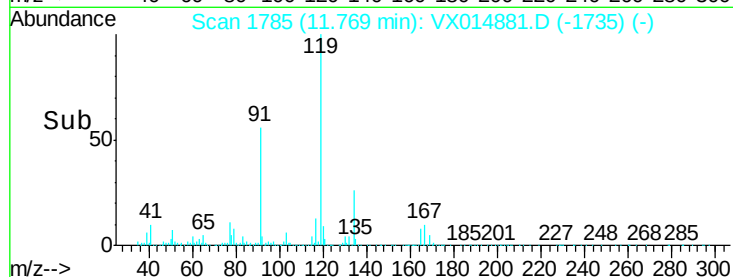
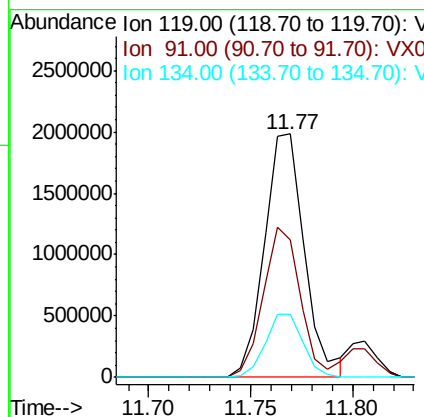
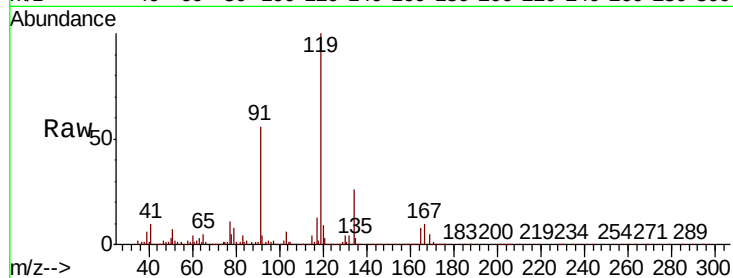
#83
 tert-Butylbenzene
 Concen: 158.294 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.1	29.5	88.6
134	24.5	12.6	37.6

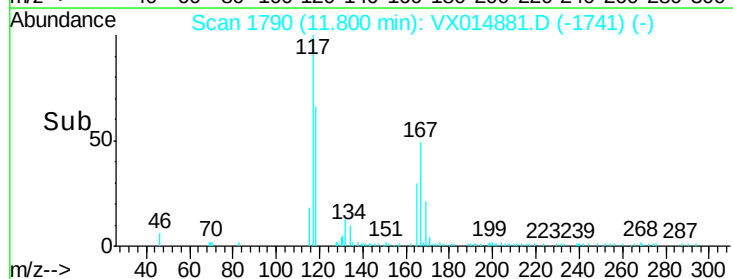
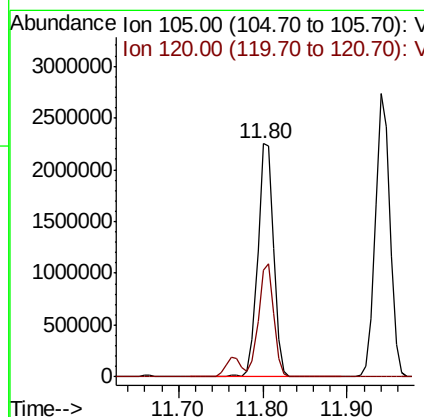
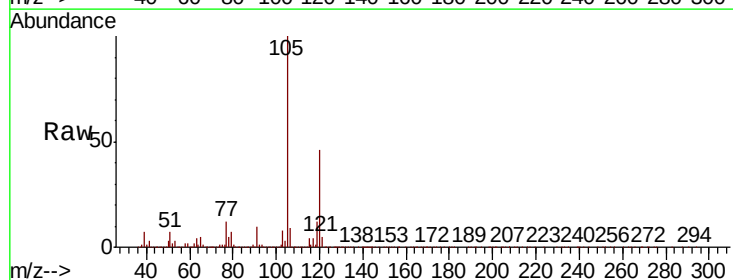
Manual Integrations
 APPROVED

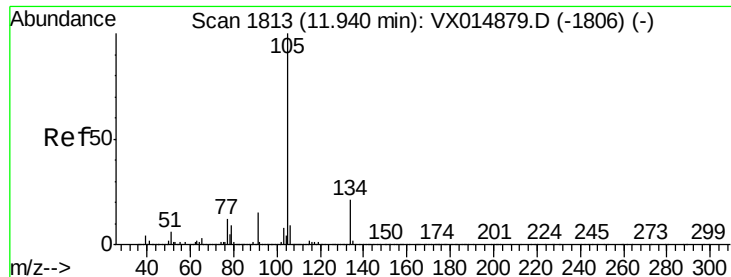
MMDadoda
 2/11/2020 10:36:20 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 158.319 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 155.604 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3305165

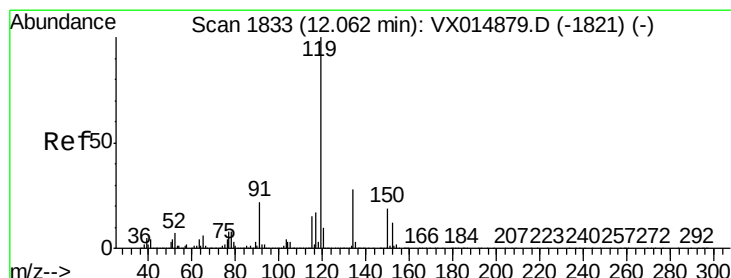
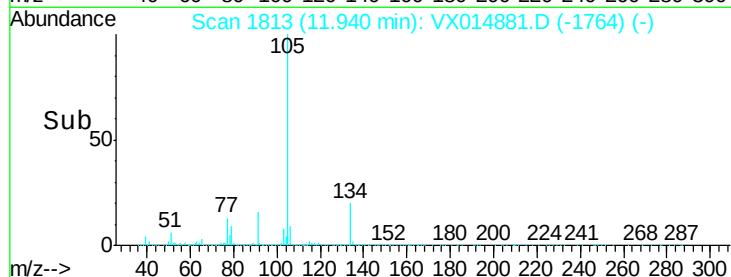
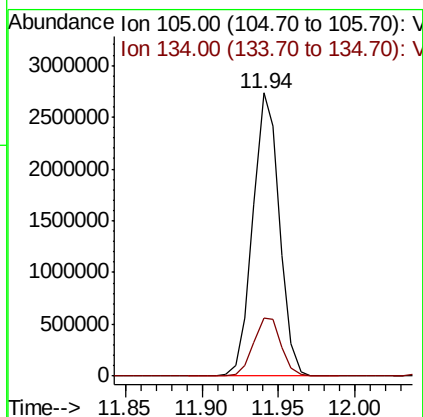
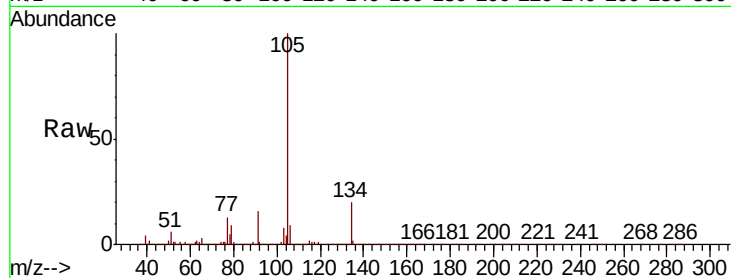
Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 159.088 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

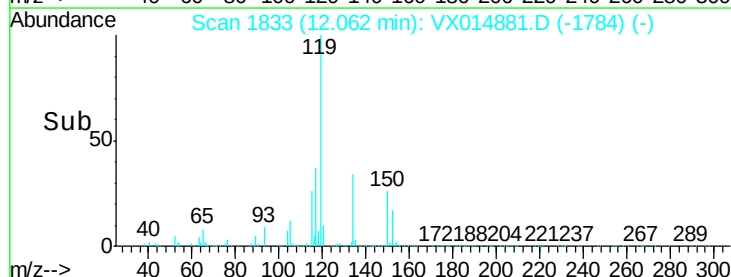
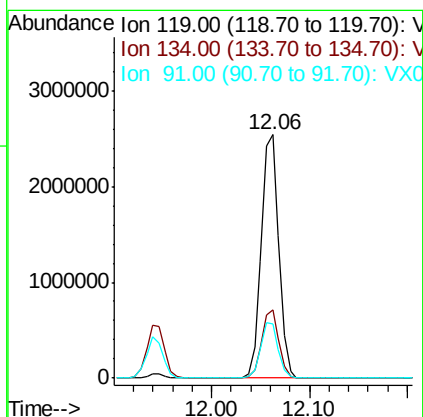
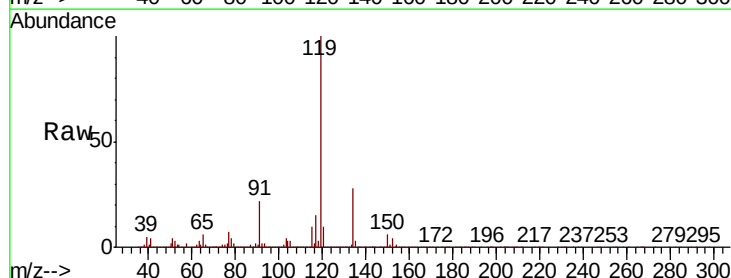
Tgt Ion:119 Resp: 3148689

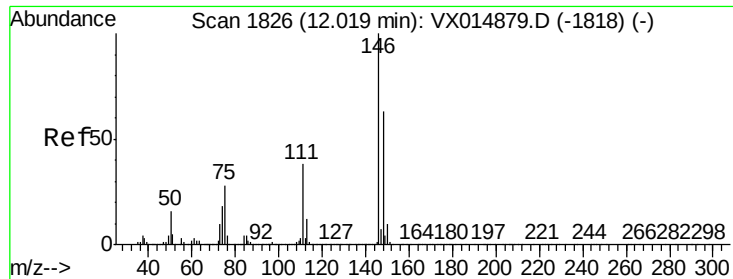
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 152.609 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

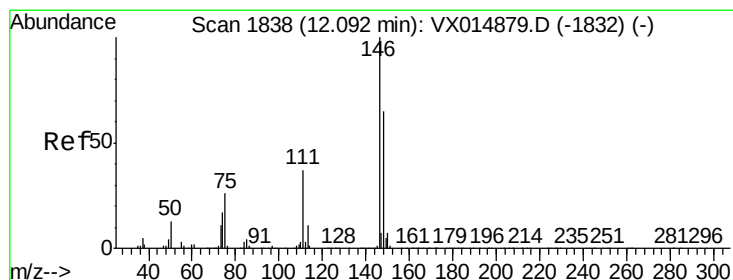
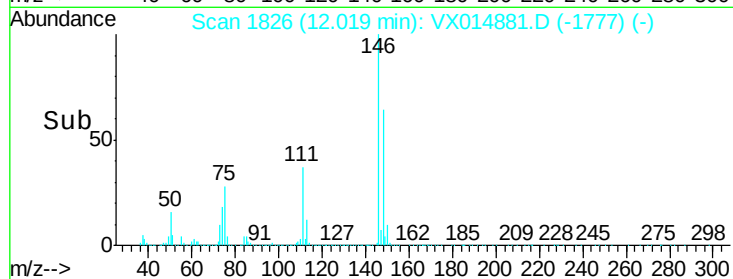
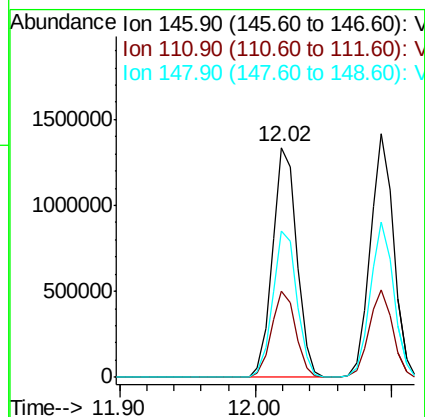
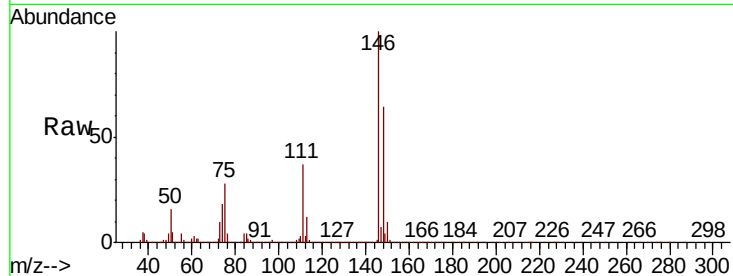
Instrument :
MSVOA_X

ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	63.6	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 152.382 ug/l

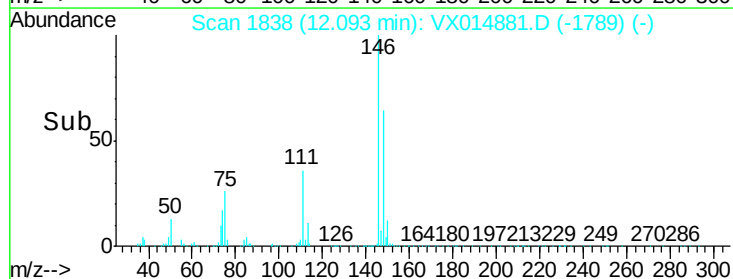
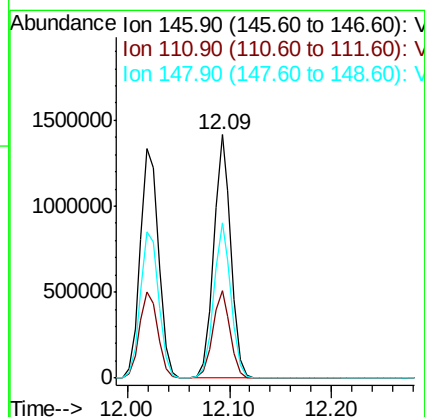
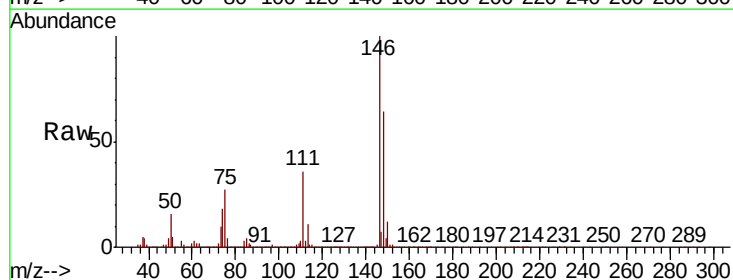
RT: 12.09 min Scan# 1838

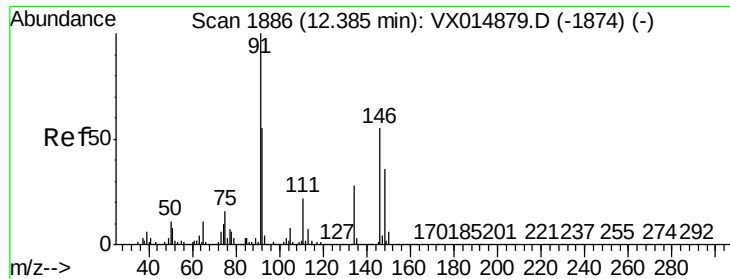
Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	55.6
148	64.1	32.4	97.0





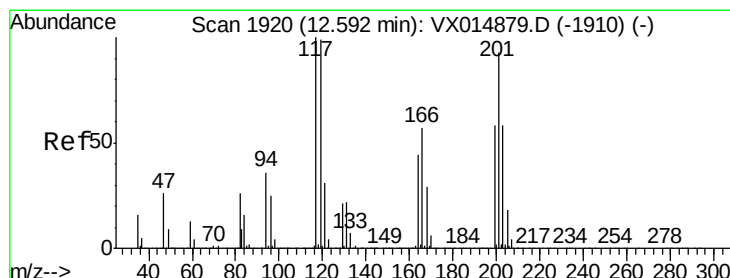
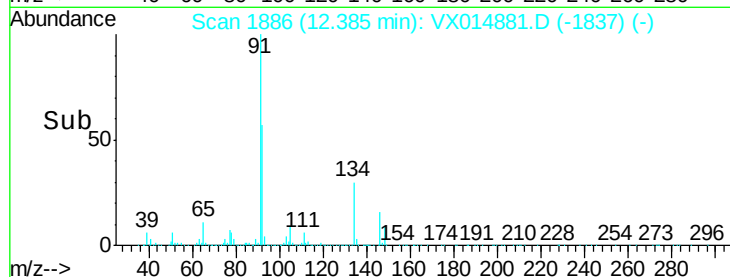
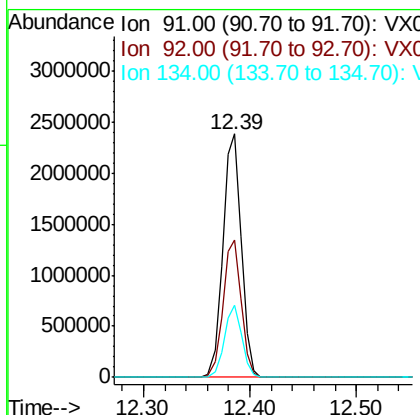
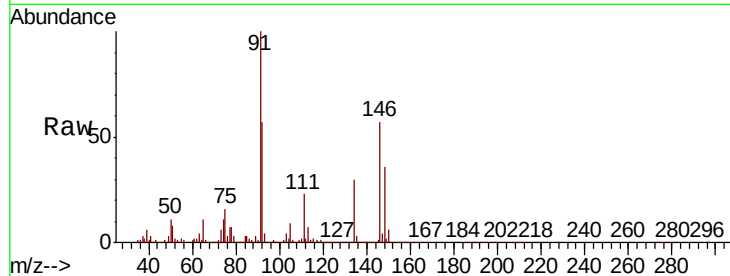
#89
n-Butylbenzene
Concen: 164.029 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2873943
Ion Ratio Lower Upper
91 100
92 55.7 27.3 81.8
134 28.3 13.8 41.4

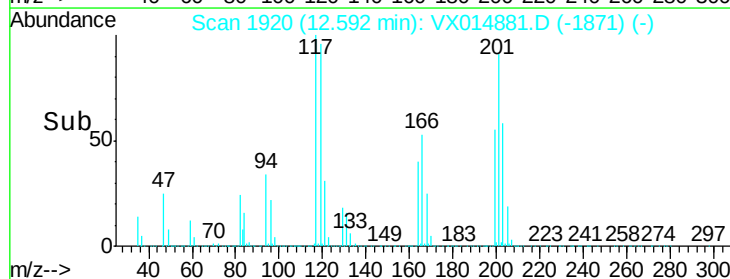
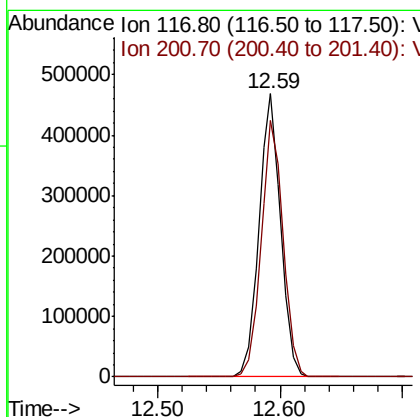
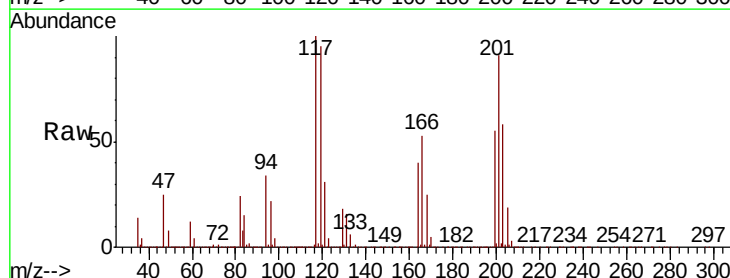
Manual Integrations
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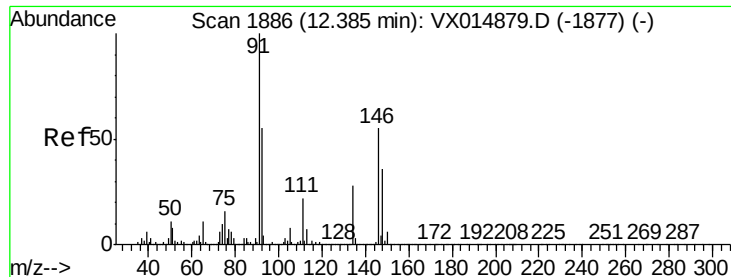
MMDadoda
2/11/2020 10:36:20 AM



#90
Hexachloroethane
Concen: 171.223 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 117 Resp: 577542
Ion Ratio Lower Upper
117 100
201 91.5 44.8 134.3





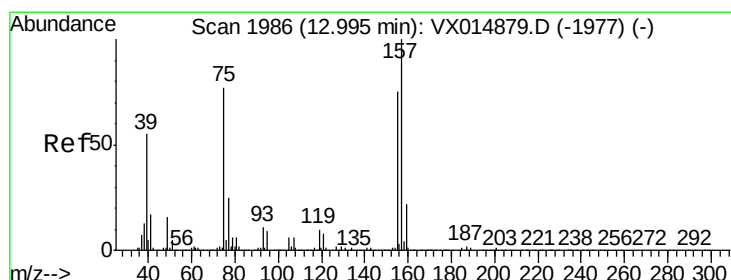
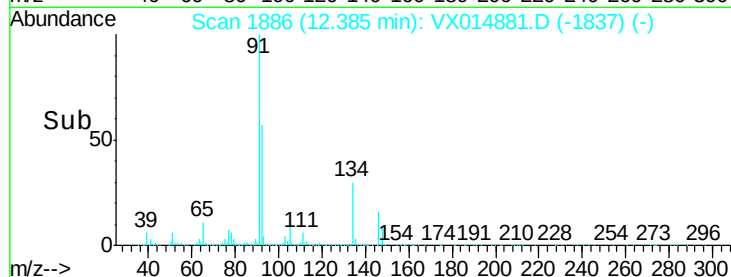
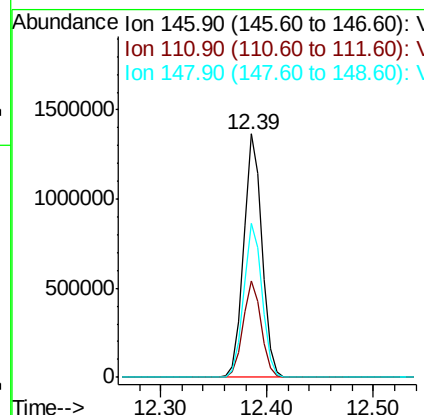
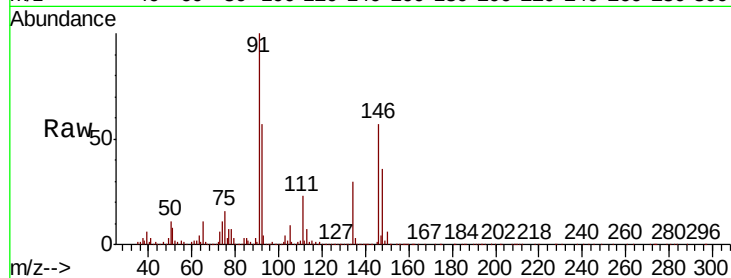
#91
 1,2-Dichlorobenzene
 Concen: 153.410 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	63.7	32.4	97.2

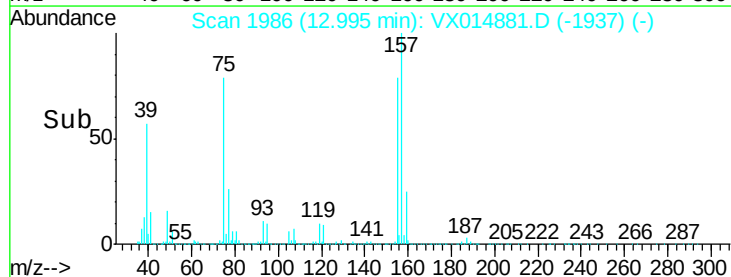
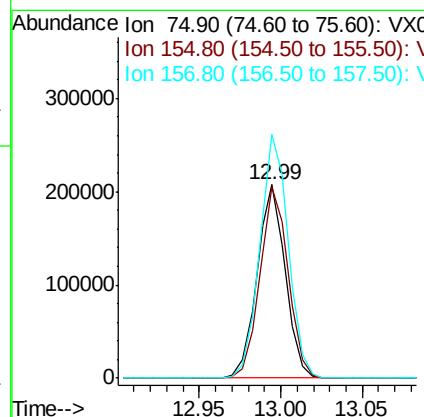
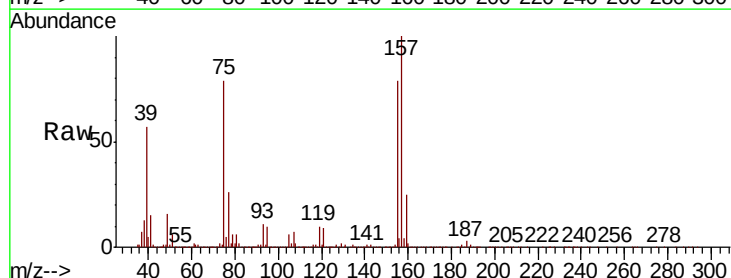
Manual Integrations
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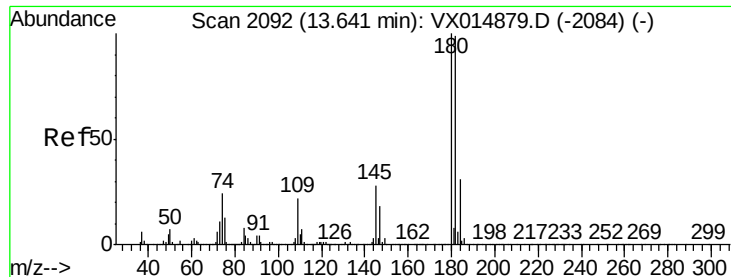
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 146.331 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.2	48.6	145.9
157	127.5	62.0	186.0





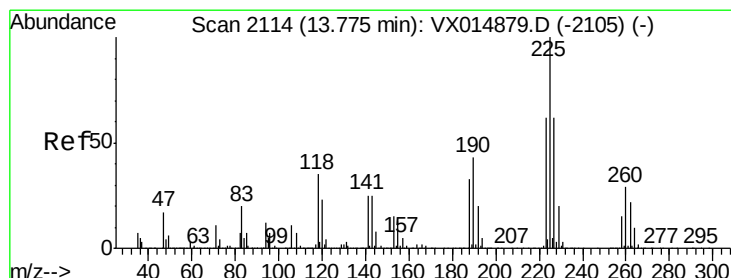
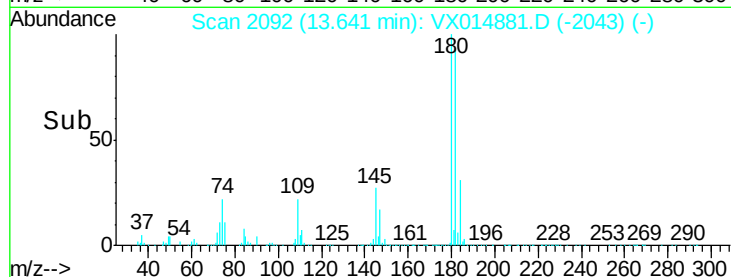
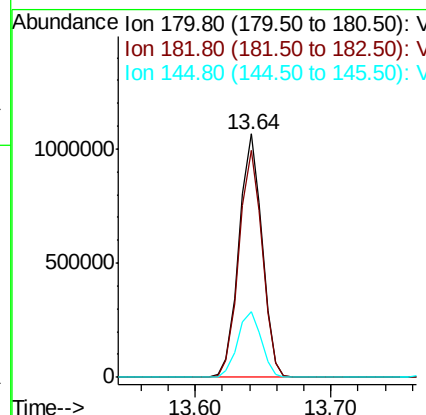
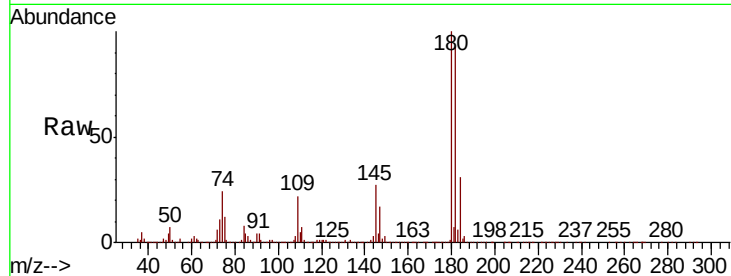
#93
 1,2,4-Trichlorobenzene
 Concen: 161.857 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.4	145.3
145	27.9	14.1	42.4

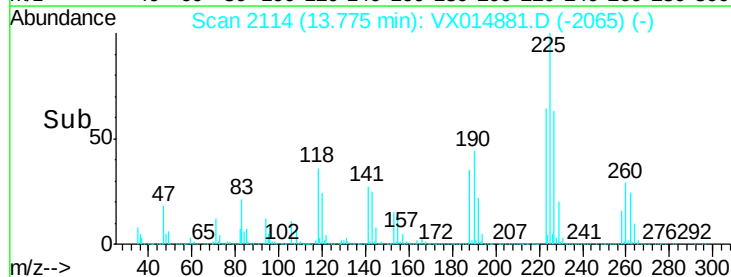
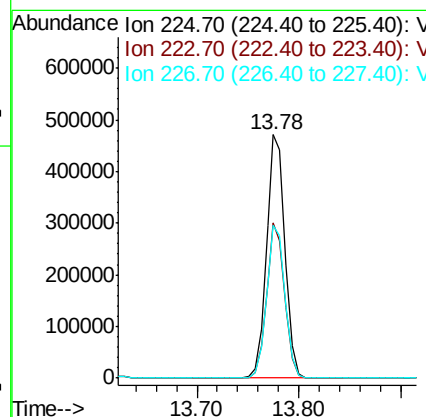
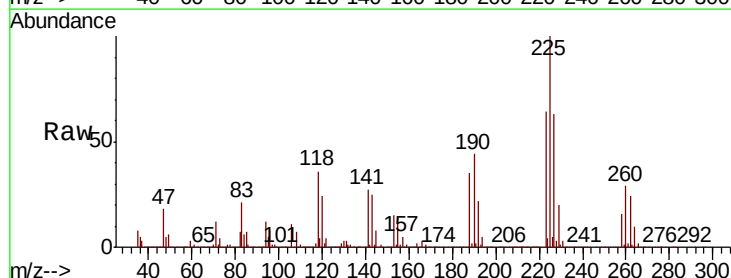
Manual Integrations
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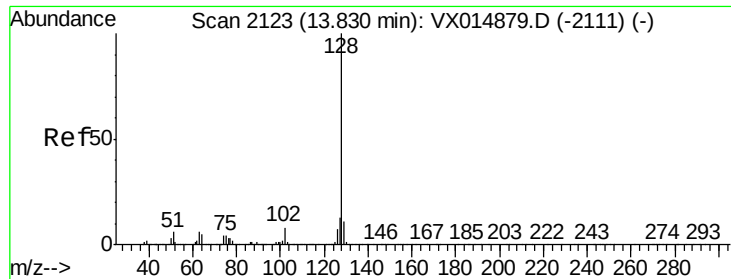
MMDadoda
 2/11/2020 10:36:20 AM



#94
 Hexachlorobutadiene
 Concen: 154.758 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.1	93.2
227	63.0	30.9	92.5





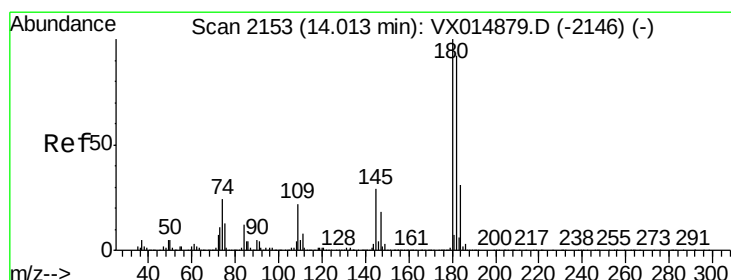
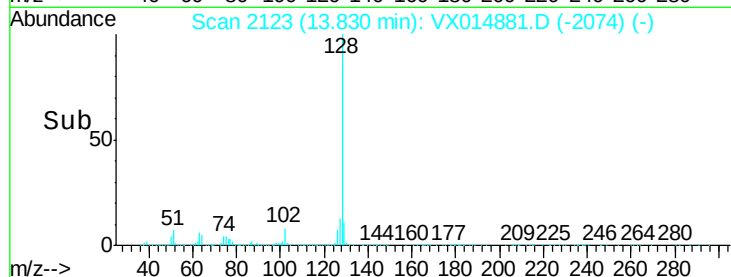
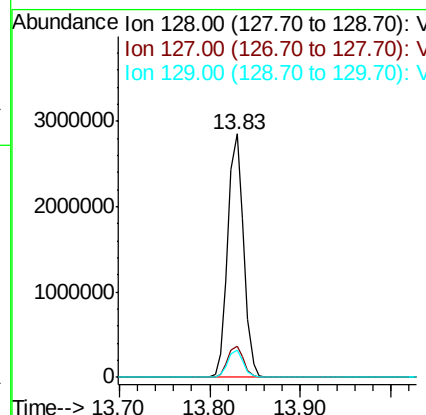
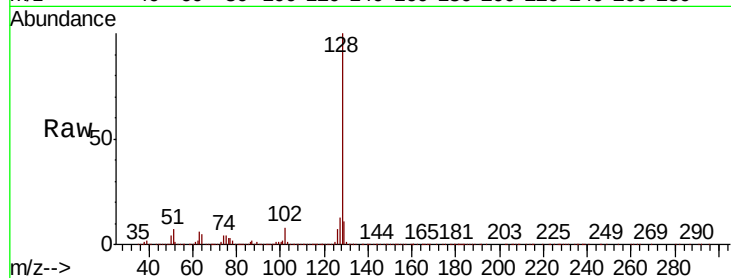
#95
Naphthalene
Concen: 172.578 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:36:20 AM



#96
1,2,3-Trichlorobenzene
Concen: 159.637 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.6
145	29.7	14.5	43.5

