

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015083.D
 Acq On : 04 Mar 2020 10:09
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:35 PM

Quant Time: Mar 04 13:44:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 13:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	385482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	593511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	547544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	285364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	446696	97.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.36%	
35) Dibromofluoromethane	5.49	113	373742	99.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.64%	
50) Toluene-d8	8.71	98	1429244	100.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.70%	
62) 4-Bromofluorobenzene	11.13	95	507436	99.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	331869	98.316	ug/l	99
3) Chloromethane	1.32	50	451165	94.355	ug/l	100
4) Vinyl Chloride	1.40	62	466731	96.263	ug/l	99
5) Bromomethane	1.64	94	298753	100.226	ug/l	99
6) Chloroethane	1.72	64	280486	96.438	ug/l	99
7) Trichlorofluoromethane	1.92	101	567913	98.440	ug/l	98
8) Diethyl Ether	2.18	74	258474	97.879	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	356265	98.153	ug/l	99
10) Methyl Iodide	2.50	142	456292	111.270	ug/l	100
11) Tert butyl alcohol	3.06	59	388451	489.569	ug/l	99
12) 1,1-Dichloroethene	2.37	96	368944	98.490	ug/l	99
13) Acrolein	2.28	56	365993	490.830	ug/l	99
14) Allyl chloride	2.72	41	666127	101.983	ug/l	100
15) Acrylonitrile	3.14	53	999063	505.592	ug/l	99
16) Acetone	2.44	43	861711	465.266	ug/l	100
17) Carbon Disulfide	2.56	76	1040514	100.020	ug/l	100
18) Methyl Acetate	2.76	43	428581	94.637	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1199039	102.430	ug/l	100
20) Methylene Chloride	2.85	84	404739	93.379	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	395981	98.998	ug/l	98
22) Diisopropyl ether	3.84	45	1321322	101.536	ug/l	99
23) Vinyl Acetate	3.81	43	5714785	534.234	ug/l	100
24) 1,1-Dichloroethane	3.69	63	717999	99.411	ug/l	100
25) 2-Butanone	4.66	43	1373182	506.440	ug/l	99
26) 2,2-Dichloropropane	4.58	77	573021	99.940	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	449141	100.090	ug/l	99
28) Bromochloromethane	5.01	49	330761	100.570	ug/l	98
29) Tetrahydrofuran	5.11	42	884326	505.957	ug/l	99
30) Chloroform	5.20	83	692902	98.430	ug/l	100
31) Cyclohexane	5.57	56	657478	102.057	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	597648	102.418	ug/l	98
36) 1,1-Dichloropropene	5.79	75	546696	99.572	ug/l	99
37) Ethyl Acetate	4.82	43	550410	108.094	ug/l	99
38) Carbon Tetrachloride	5.78	117	520809	100.492	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	663740	103.539	ug/l	99
40) Benzene	6.14	78	1608548	98.753	ug/l	99
41) Methacrylonitrile	5.03	41	309775	109.697	ug/l	98
42) 1,2-Dichloroethane	6.19	62	557106	99.597	ug/l	98
43) Isopropyl Acetate	6.44	43	925530	103.308	ug/l	100
44) Trichloroethene	7.21	130	452115	99.664	ug/l	98
45) 1,2-Dichloropropane	7.51	63	422396	100.188	ug/l	100
46) Dibromomethane	7.65	93	272167	99.068	ug/l	99
47) Bromodichloromethane	7.89	83	560255	103.129	ug/l	99
48) Methyl methacrylate	7.76	41	465899	102.169	ug/l	99
49) 1,4-Dioxane	7.74	88	189846	1930.129	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2738962	517.114	ug/l	99
52) Toluene	8.78	92	1014787	101.897	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	634625	109.045	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	697865	106.760	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	402273	98.132	ug/l	97
56) Ethyl methacrylate	9.17	69	642442	109.890	ug/l	99
57) 1,3-Dichloropropane	9.37	76	689174	99.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1692470	531.357	ug/l	99
59) 2-Hexanone	9.49	43	2055703	523.669	ug/l	98
60) Dibromochloromethane	9.58	129	449203	104.317	ug/l	99
61) 1,2-Dibromoethane	9.67	107	421304	97.847	ug/l	100
64) Tetrachloroethene	9.33	164	438882	96.945	ug/l	99
65) Chlorobenzene	10.14	112	1089678	99.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	413342	99.719	ug/l	99
67) Ethyl Benzene	10.25	91	1962274	105.121	ug/l	100
68) m/p-Xylenes	10.36	106	1491791	210.051	ug/l	99
69) o-Xylene	10.70	106	706252	103.864	ug/l	99
70) Styrene	10.71	104	1239001	106.270	ug/l	100
71) Bromoform	10.85	173	344303	107.114	ug/l	97
73) Isopropylbenzene	11.01	105	1892770	103.831	ug/l	100
74) N-amyl acetate	10.89	43	825422	107.443	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	585810	96.427	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	562681m	100.473	ug/l	
77) Bromobenzene	11.25	156	492320	96.908	ug/l	100
78) n-propylbenzene	11.35	91	2176785	104.521	ug/l	100
79) 2-Chlorotoluene	11.42	91	1245766	100.163	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1584340	104.404	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	213727	106.561	ug/l	98
82) 4-Chlorotoluene	11.51	91	1485822	101.118	ug/l	99
83) tert-Butylbenzene	11.76	119	1517709	103.434	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1597310	104.776	ug/l	99
85) sec-Butylbenzene	11.94	105	1861811	105.109	ug/l	100
86) p-Isopropyltoluene	12.06	119	1725595	105.738	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	886188	99.227	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	885905	98.266	ug/l	99
89) n-Butylbenzene	12.39	91	1595254	109.907	ug/l	100
90) Hexachloroethane	12.59	117	318231	103.146	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	879729	99.078	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128869	105.933	ug/l	95

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VSTDICC100

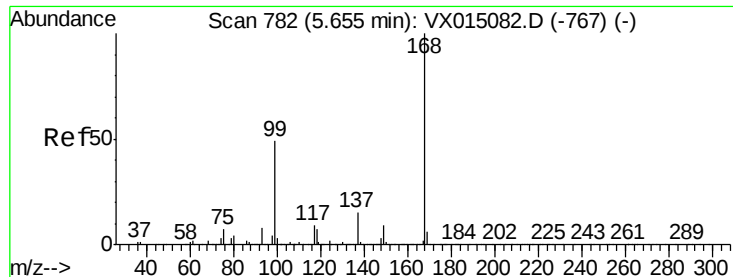
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	669359	108.603	ug/l	99
94) Hexachlorobutadiene	13.78	225	310074	98.041	ug/l	97
95) Naphthalene	13.83	128	1941806	115.263	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	665793	108.269	ug/l	100

(#) = 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: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 385482

Ion Ratio Lower Upper

168 100

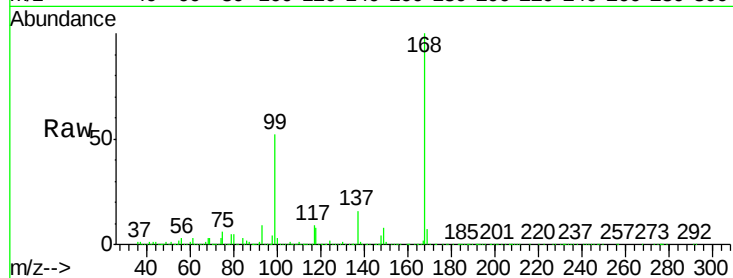
99 51.6 39.4 59.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

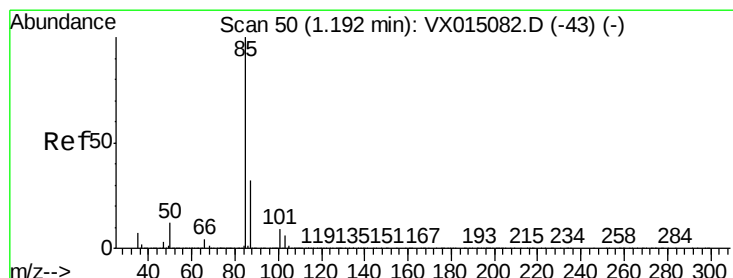
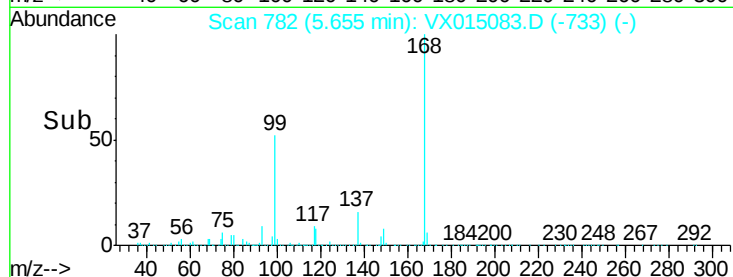
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 98.316 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015083.D

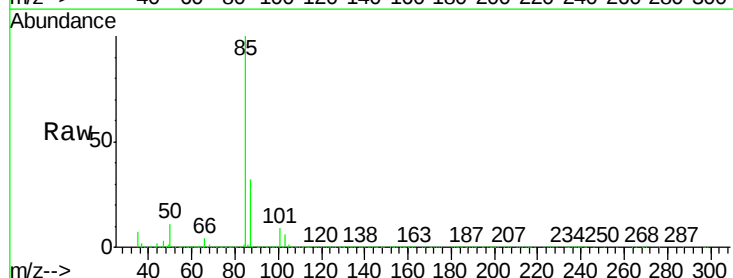
Acq: 04 Mar 2020 10:09

Tgt Ion: 85 Resp: 331869

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

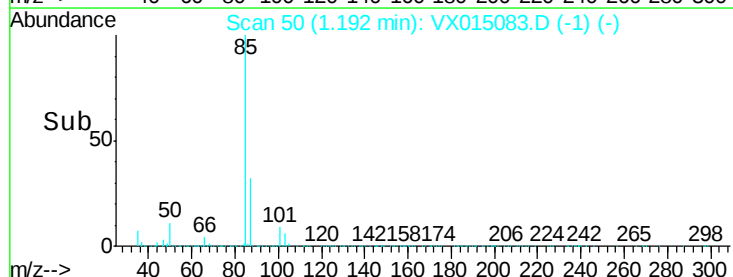
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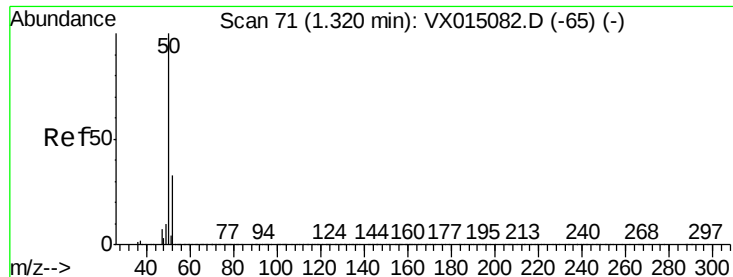
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100000

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Time-->





#3

Chloromethane

Concen: 94.355 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 451165

Ion Ratio Lower Upper

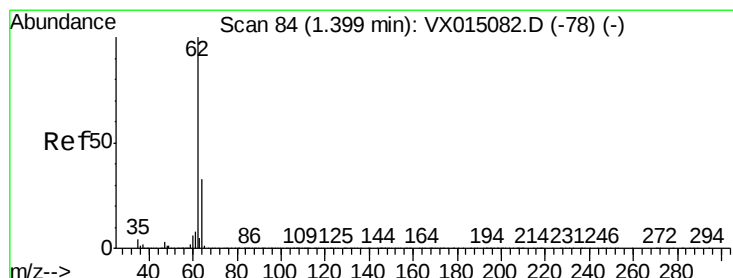
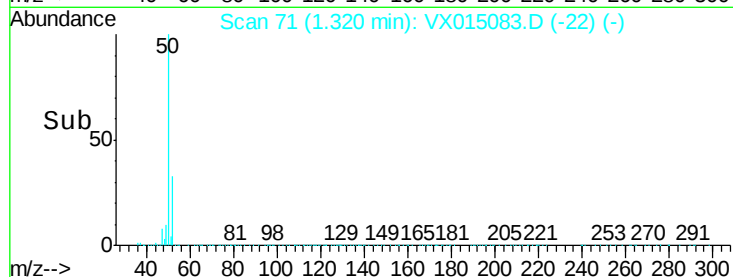
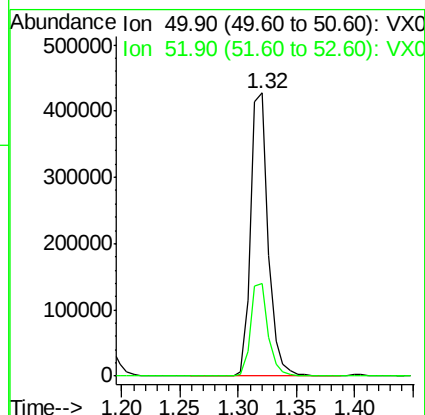
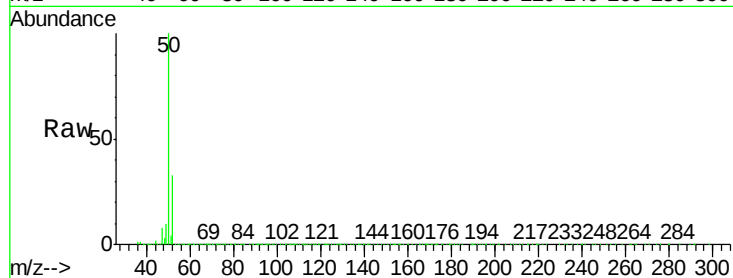
50 100

52 32.9 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 96.263 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015083.D

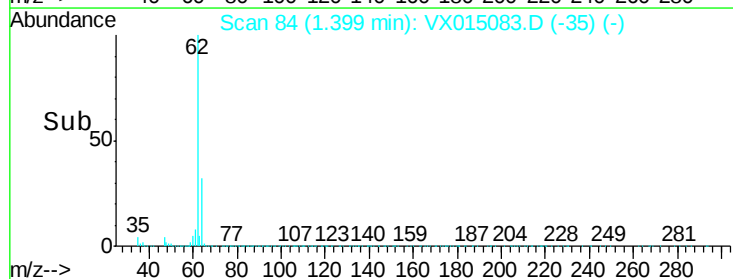
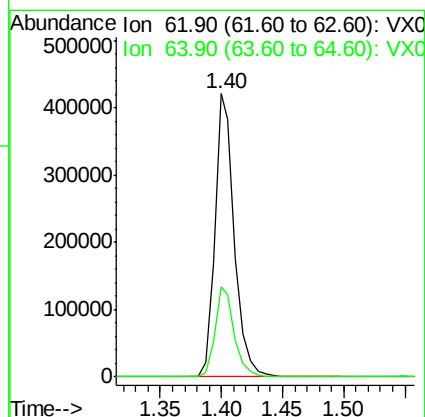
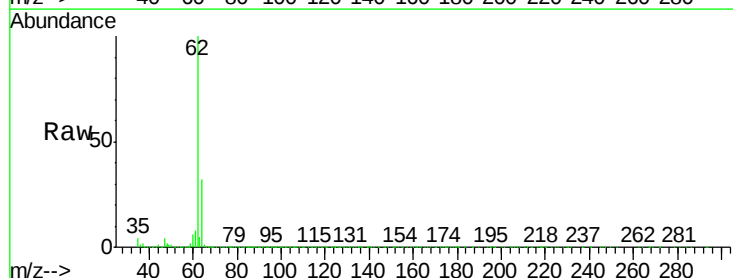
Acq: 04 Mar 2020 10:09

Tgt Ion: 62 Resp: 466731

Ion Ratio Lower Upper

62 100

64 31.9 26.1 39.1





#5

Bromomethane

Concen: 100.226 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 298753

Ion Ratio Lower Upper

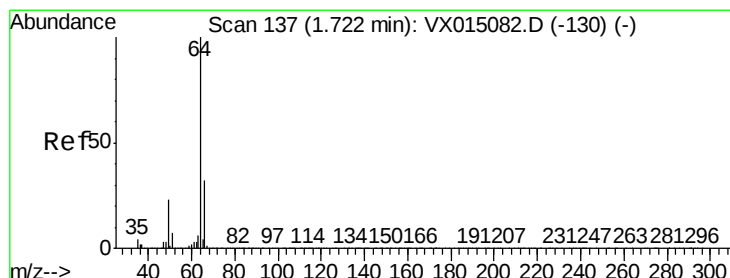
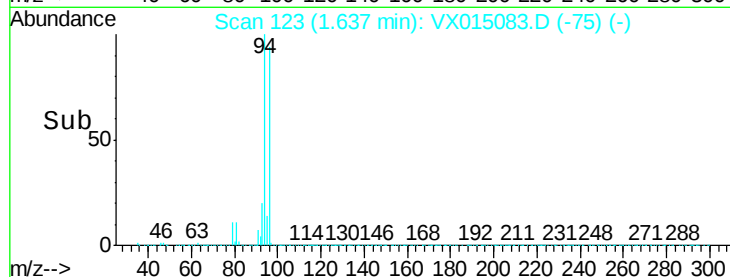
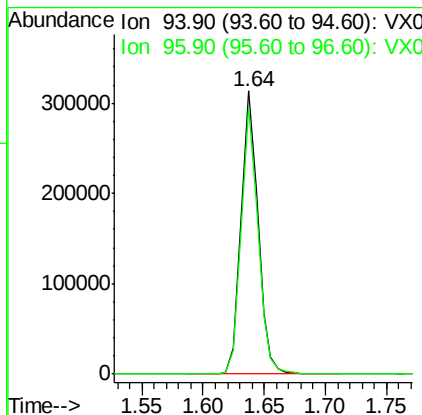
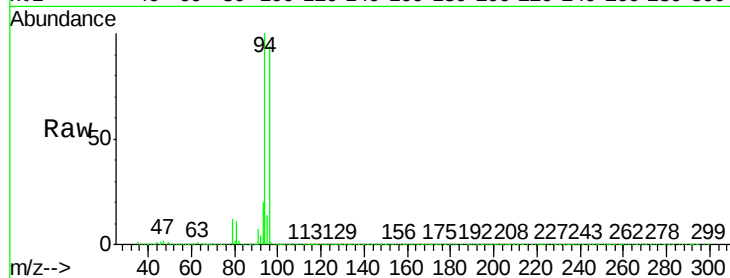
94 100

96 94.3 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 96.438 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015083.D

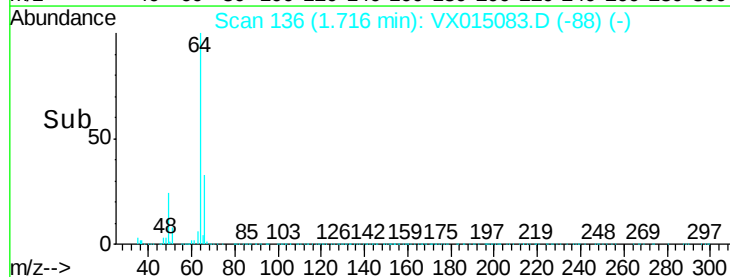
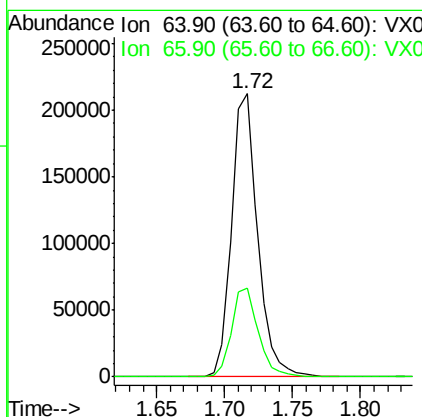
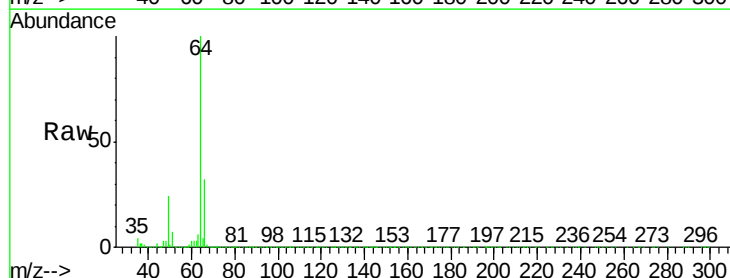
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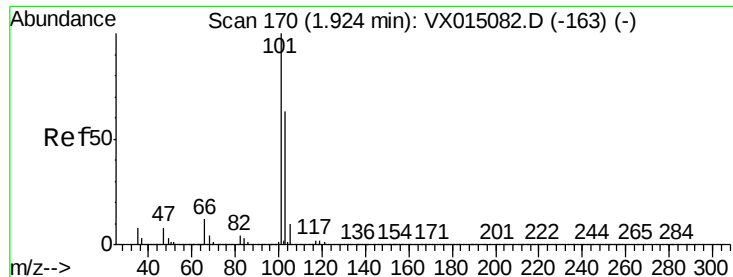
Tgt Ion: 64 Resp: 280486

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.8





#7

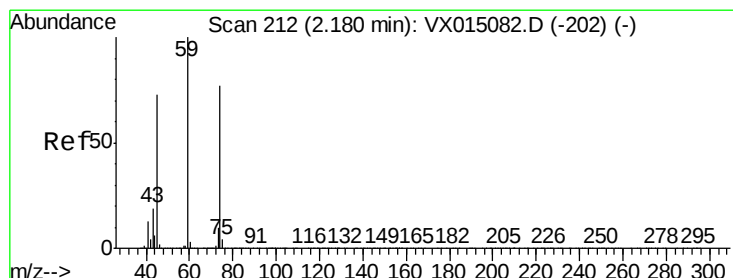
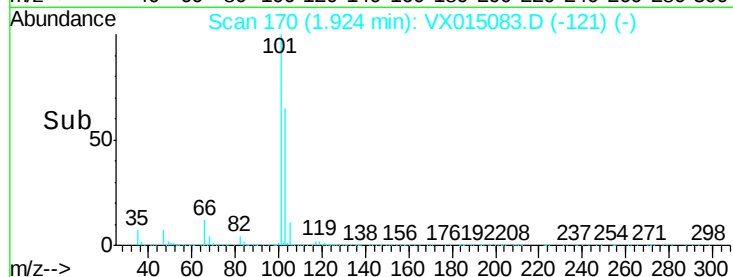
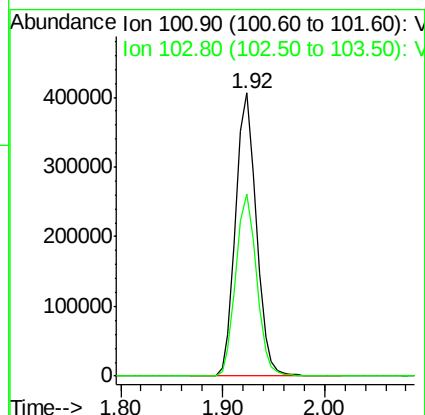
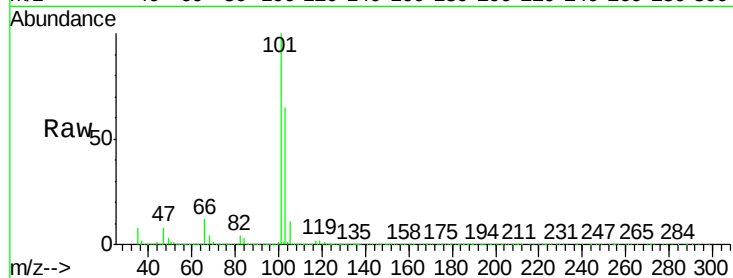
Trichlorofluoromethane
Concen: 98.440 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.4	75.6

Manual Integrations
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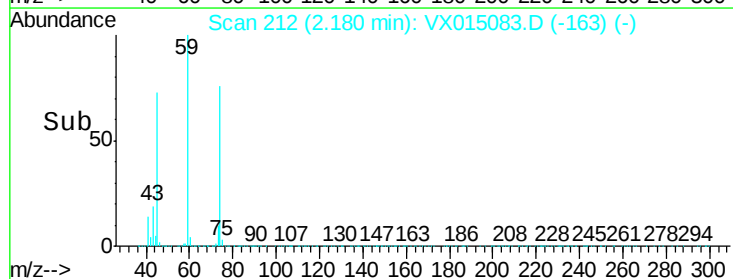
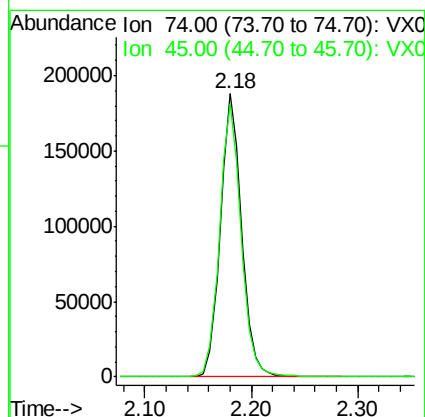
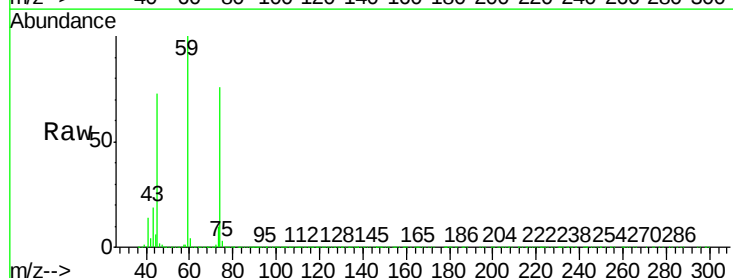
MMDadoda
3/5/2020 12:32:35 PM

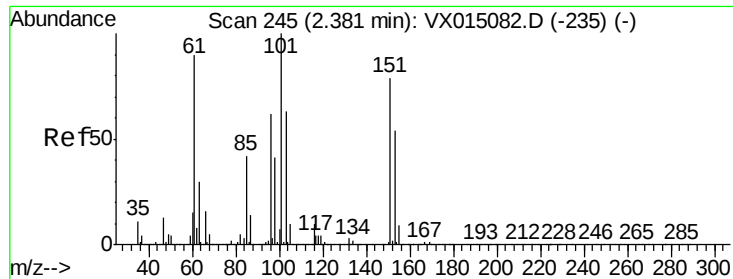


#8

Diethyl Ether
Concen: 97.879 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.153 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

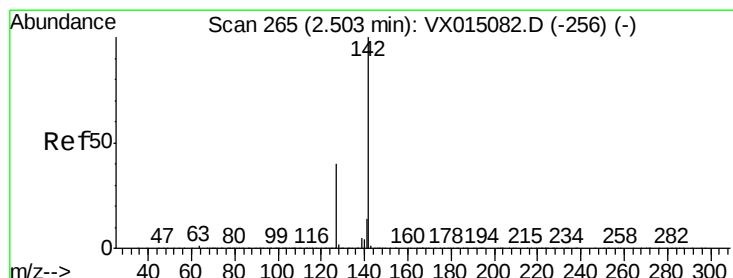
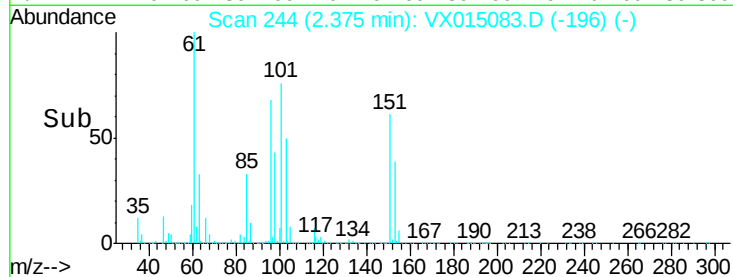
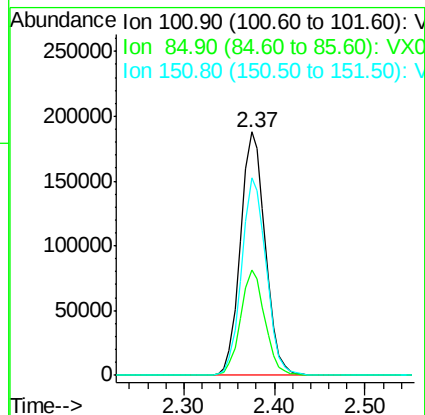
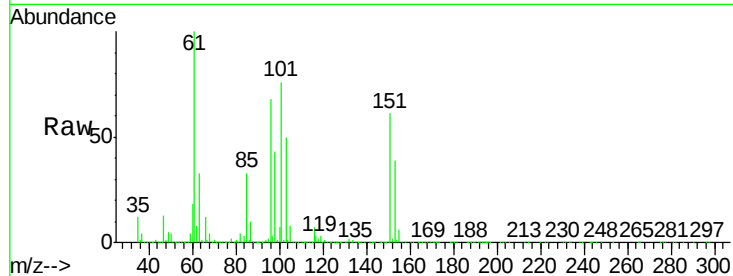
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	356265
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	80.9	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 111.270 ug/l

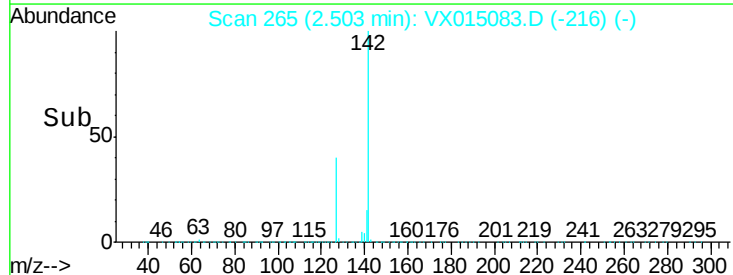
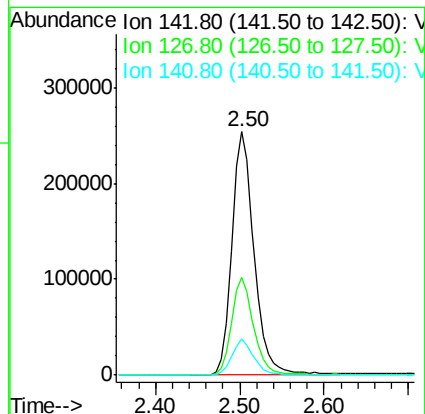
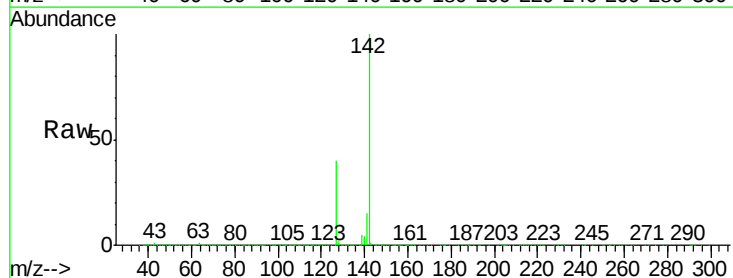
RT: 2.50 min Scan# 265

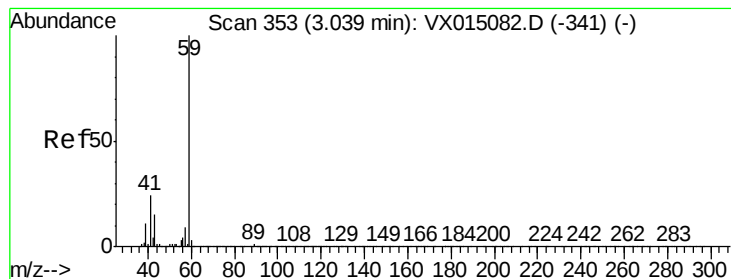
Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion:	142	Resp:	456292
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.7	47.5
141	14.2	11.3	16.9





#11

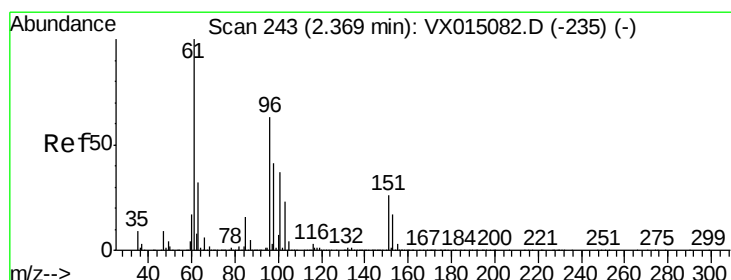
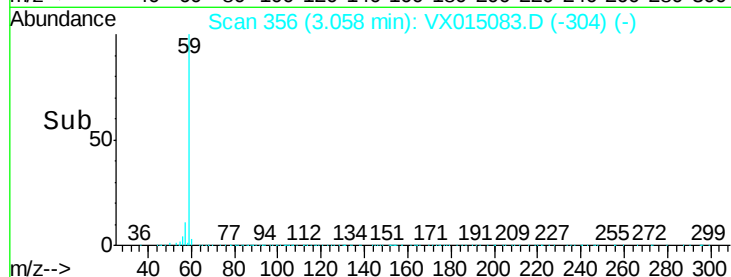
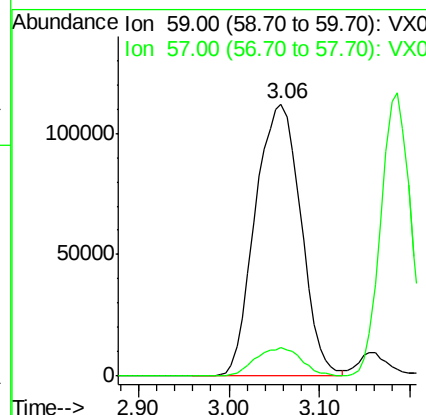
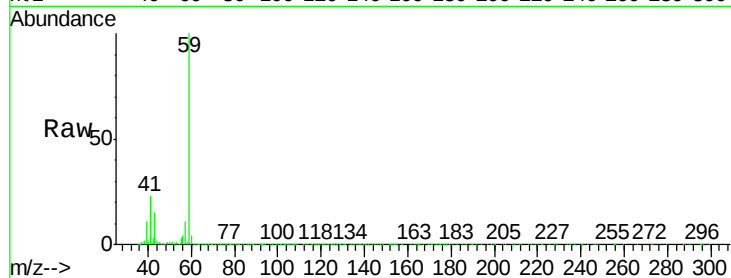
Tert butyl alcohol
Concen: 489.569 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.02 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
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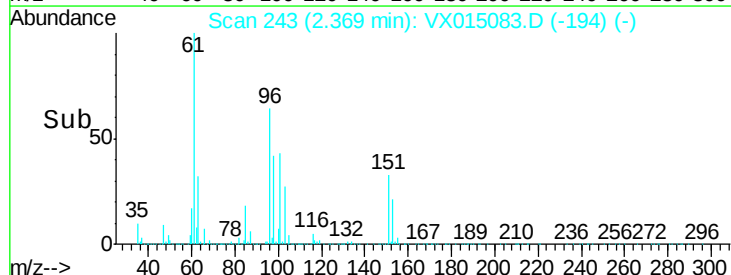
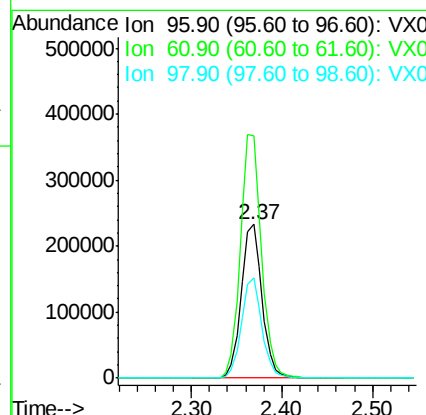
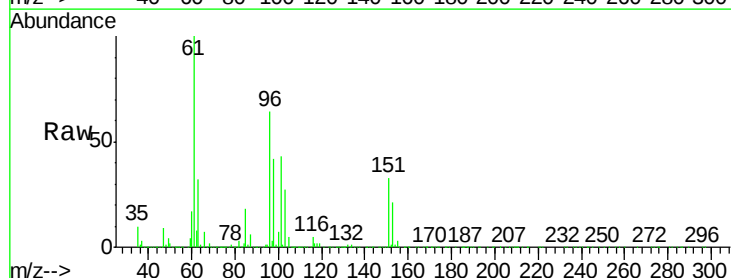
MMDadoda
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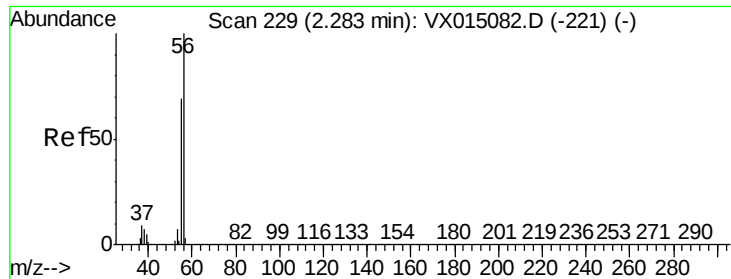


#12

1,1-Dichloroethene
Concen: 98.490 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.3	126.2	189.4
98	65.4	51.4	77.0





#13

Acrolein

Concen: 490.830 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 56 Resp: 365993

Ion Ratio Lower Upper

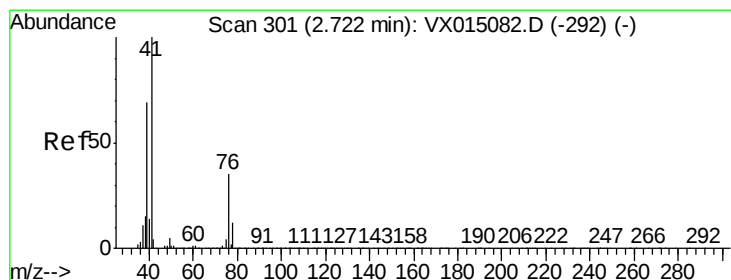
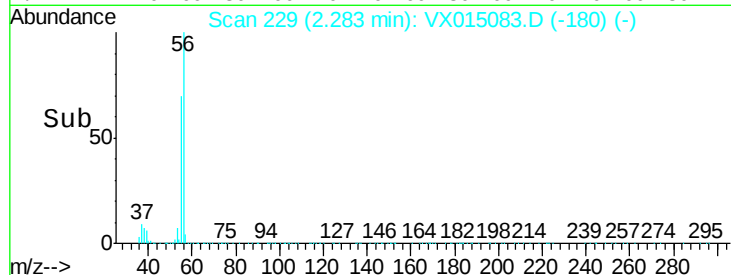
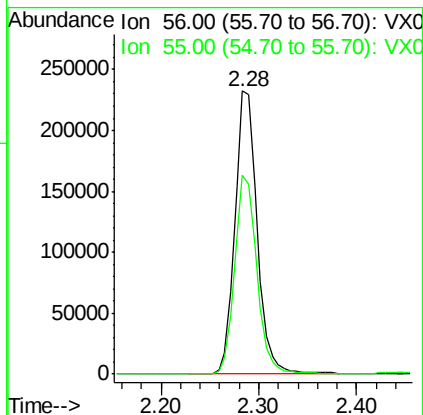
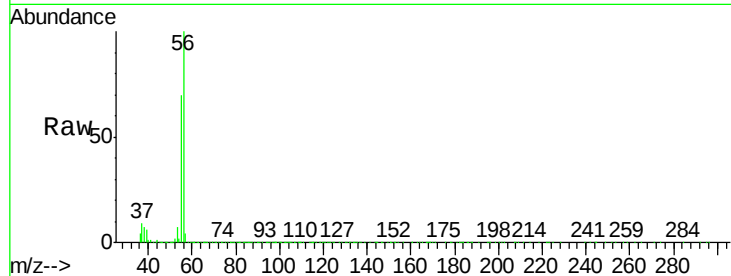
56 100

55 70.2 55.4 83.0

Manual Integrations
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#14

Allyl chloride

Concen: 101.983 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

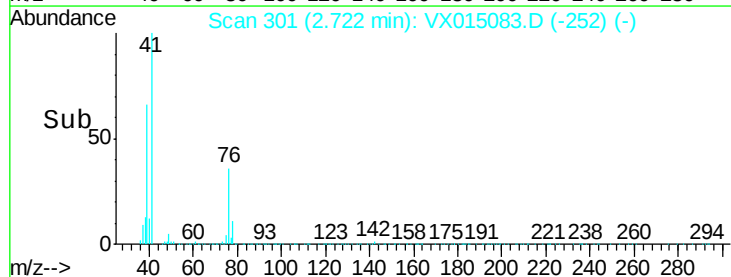
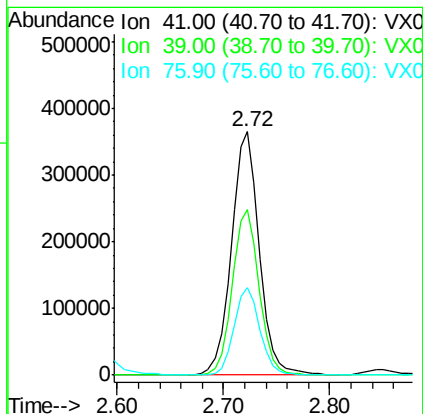
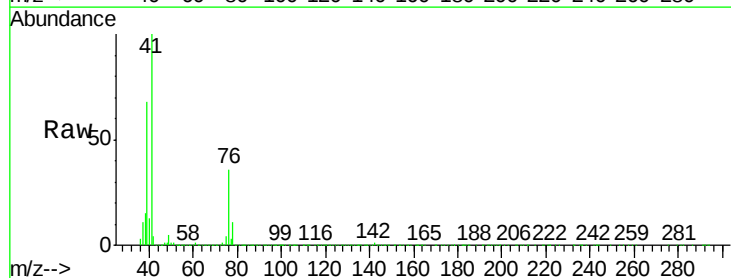
Tgt Ion: 41 Resp: 666127

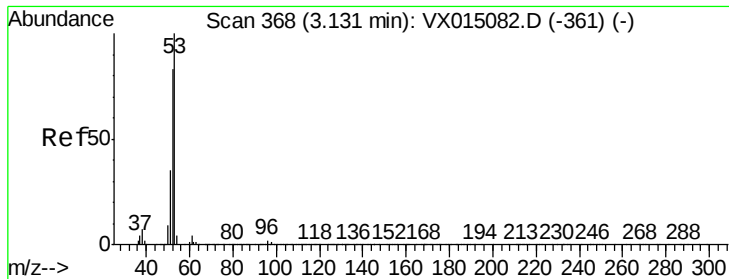
Ion Ratio Lower Upper

41 100

39 65.9 52.9 79.3

76 33.2 26.8 40.2





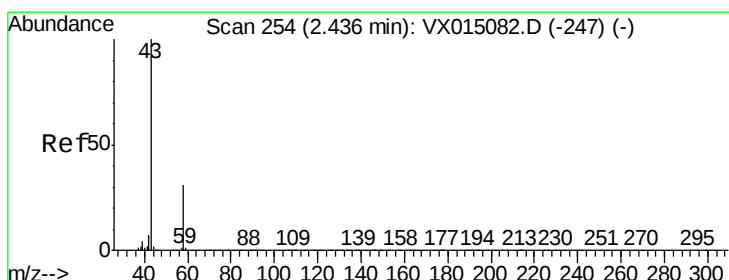
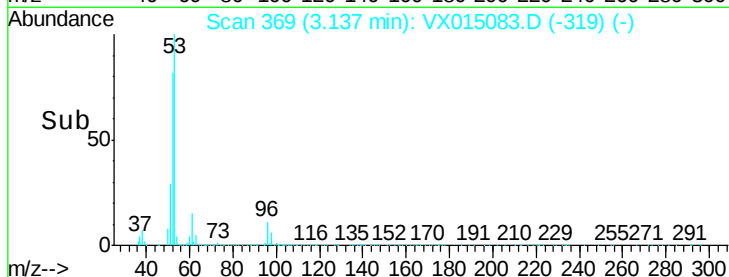
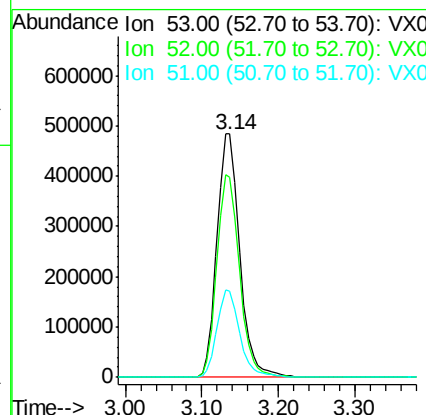
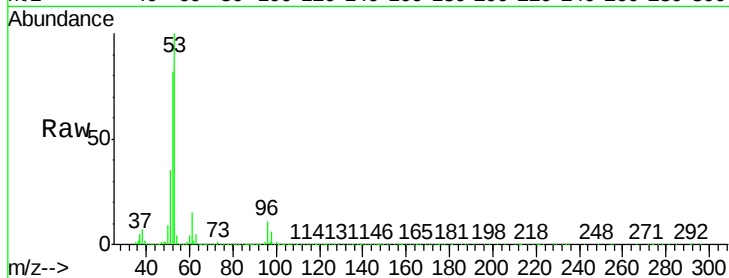
#15
 Acrylonitrile
 Concen: 505.592 ug/l
 RT: 3.14 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	53	Resp:	999063
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.6	100.0
51	36.2	29.0	43.6

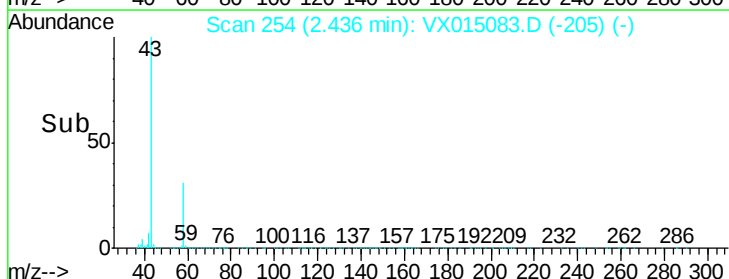
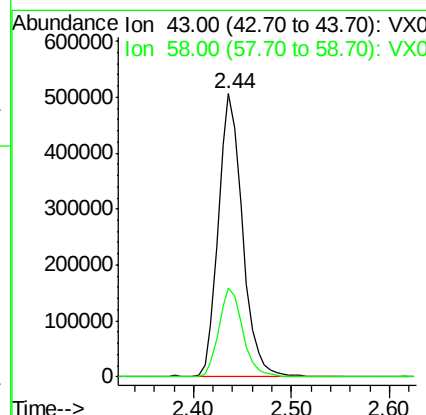
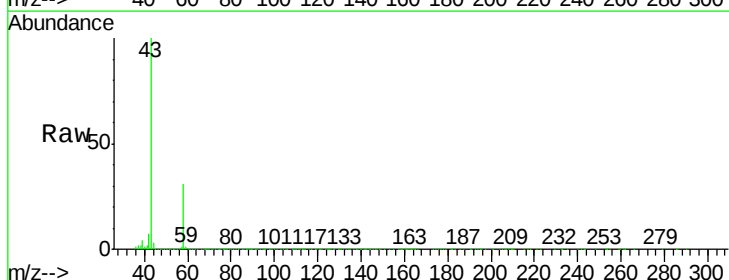
Manual Integrations
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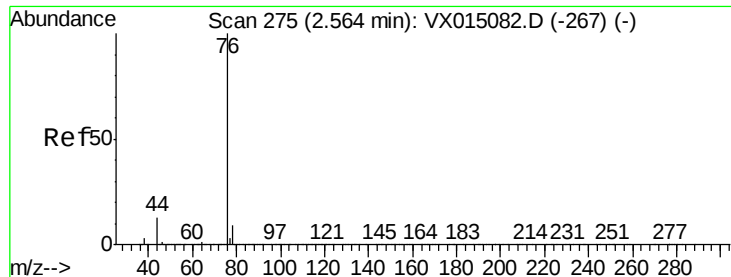
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#16
 Acetone
 Concen: 465.266 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion:	43	Resp:	861711
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.8	37.2





#17

Carbon Disulfide

Concen: 100.020 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 1040514

Ion Ratio Lower Upper

76 100

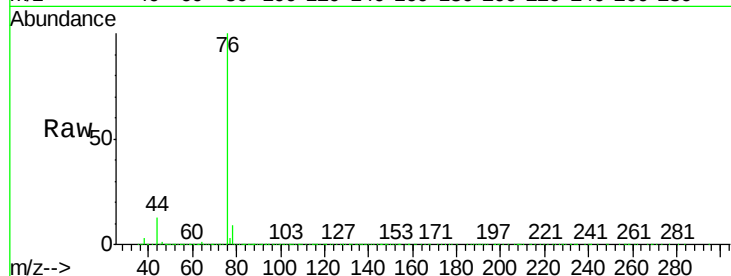
78 9.2 7.3 10.9

Manual Integrations

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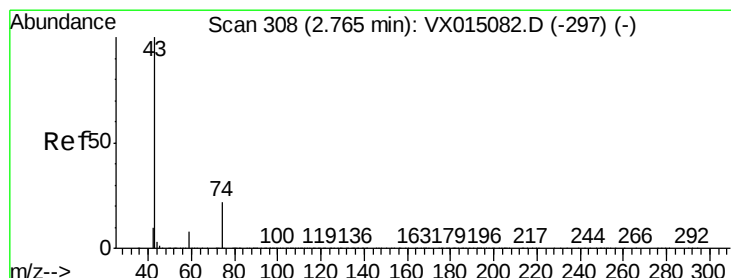
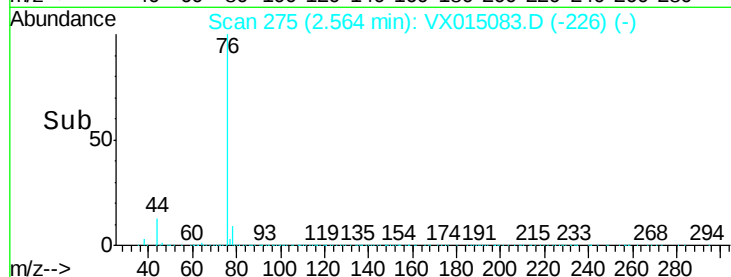
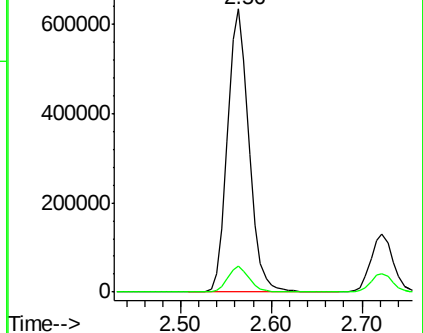
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 94.637 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015083.D

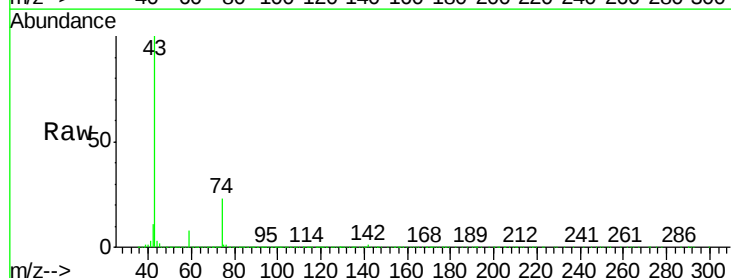
Acq: 04 Mar 2020 10:09

Tgt Ion: 43 Resp: 428581

Ion Ratio Lower Upper

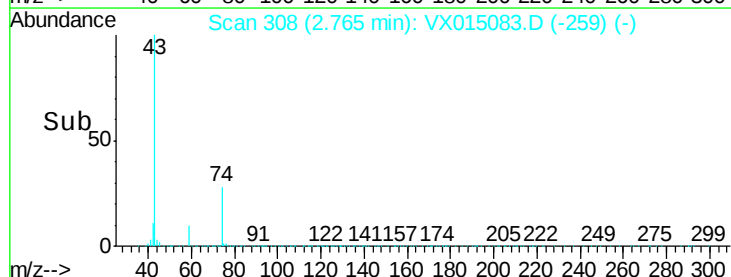
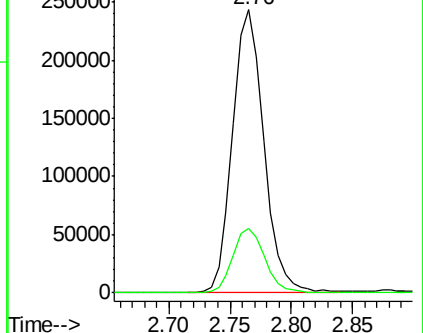
43 100

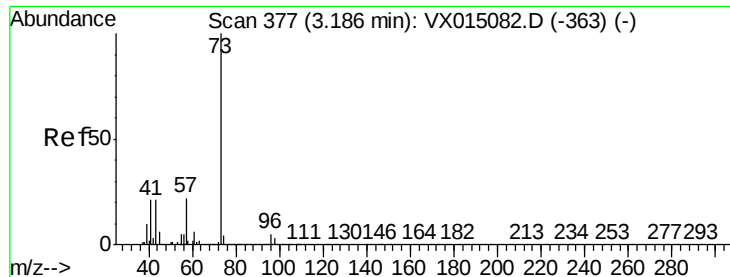
74 23.6 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





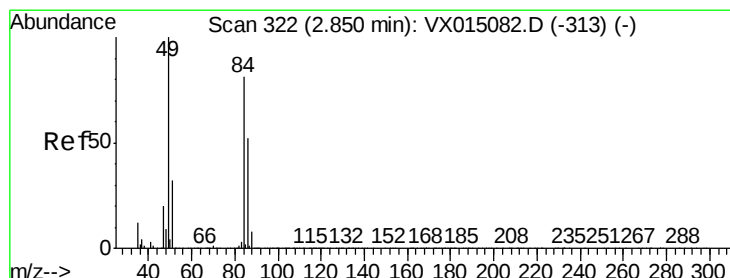
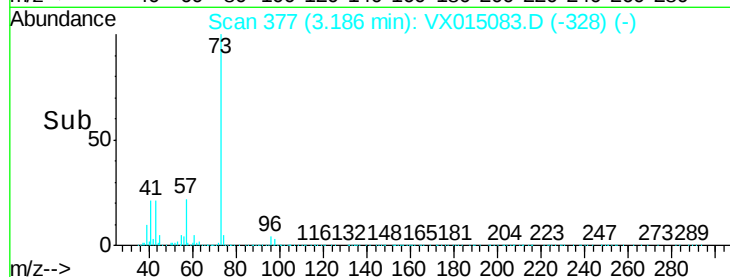
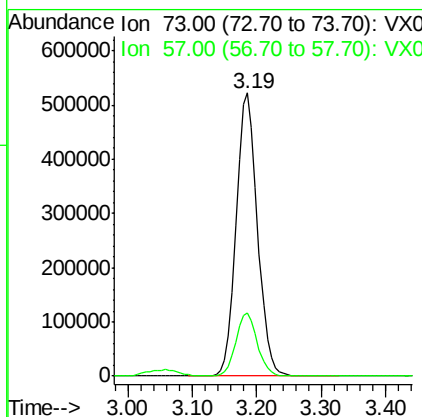
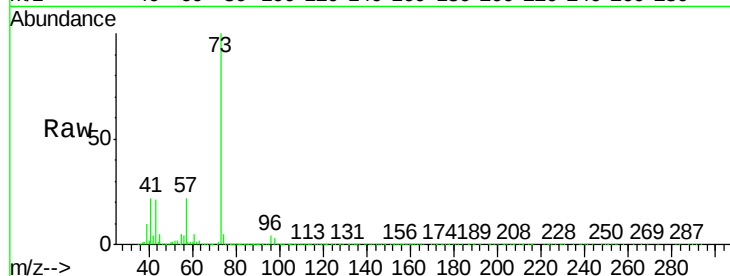
#19
Methyl tert-butyl Ether
Concen: 102.430 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 73 Resp: 1199039
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.6

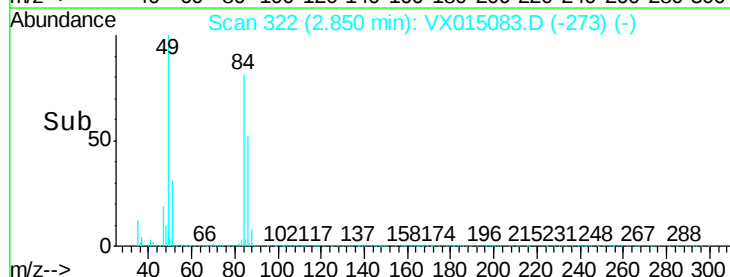
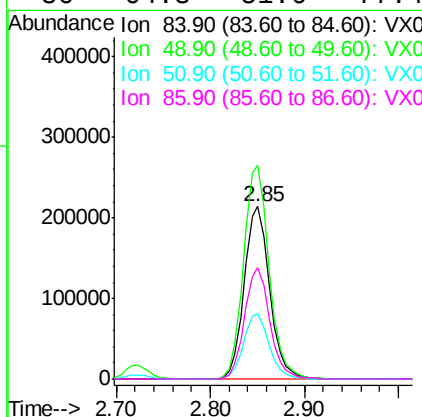
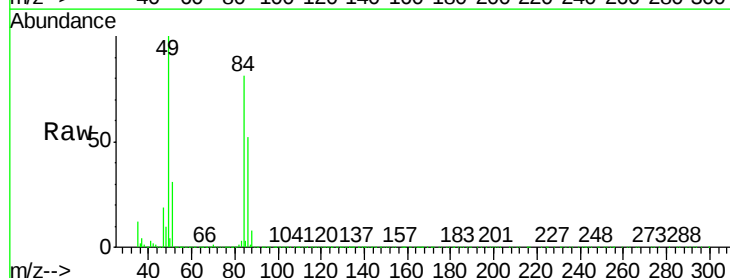
Manual Integrations
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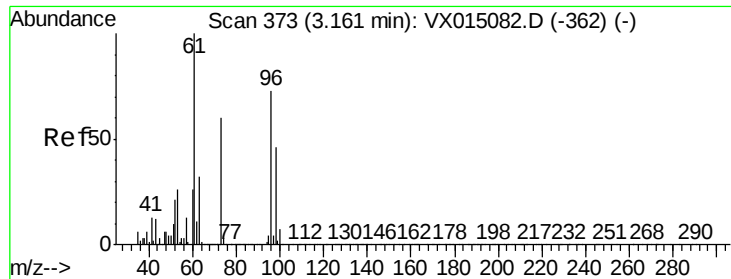
MMDadoda
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#20
Methylene Chloride
Concen: 93.379 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion: 84 Resp: 404739
Ion Ratio Lower Upper
84 100
49 123.8 99.4 149.2
51 37.9 31.5 47.3
86 64.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 98.998 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

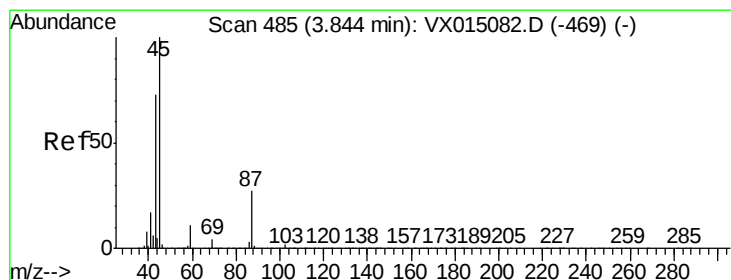
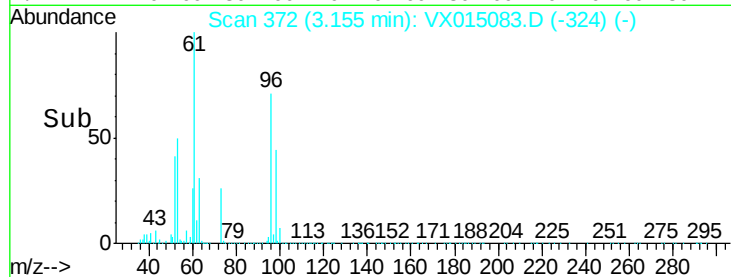
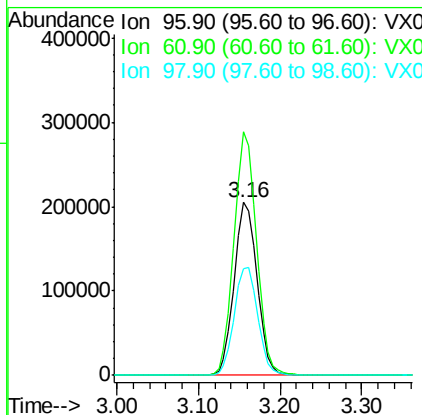
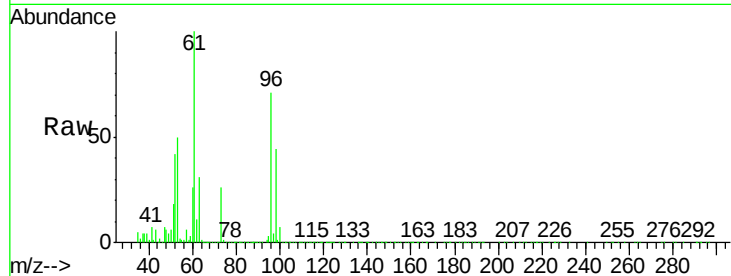
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	395981
Ion Ratio	Lower	Upper	
96	100		
61	140.8	109.9	164.9
98	61.7	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 101.536 ug/l

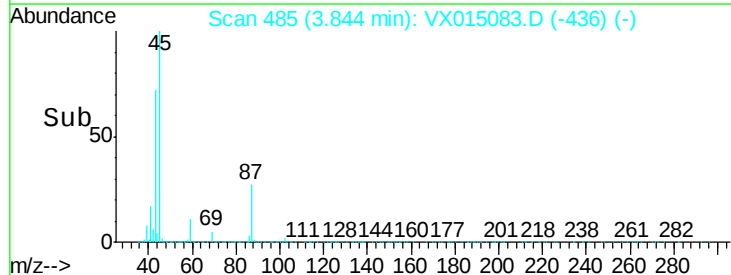
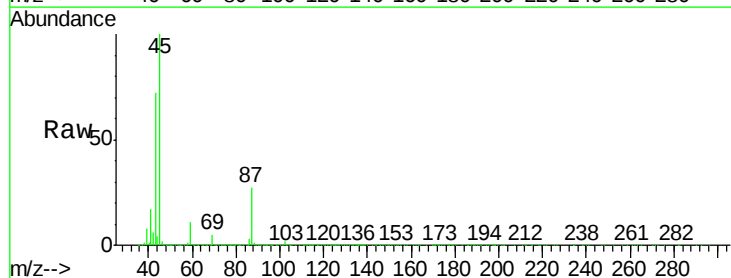
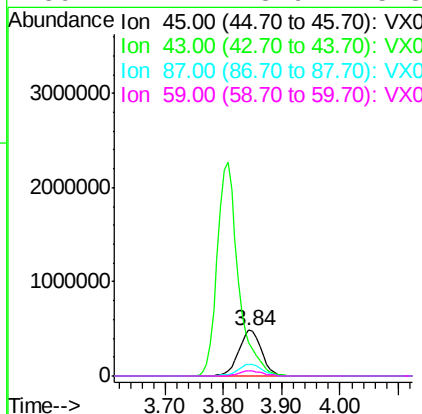
RT: 3.84 min Scan# 485

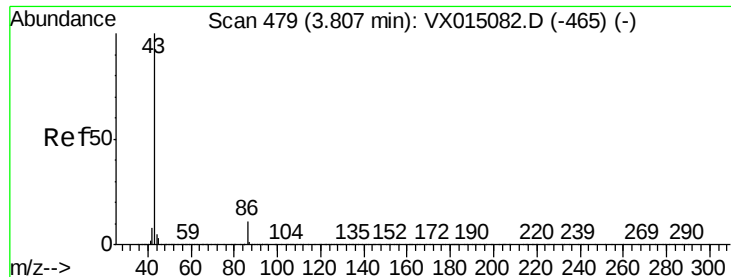
Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion:	45	Resp:	1321322
Ion Ratio	Lower	Upper	
45	100		
43	72.0	58.2	87.2
87	26.5	21.2	31.8
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 534.234 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 5714785

Ion Ratio Lower Upper

43 100

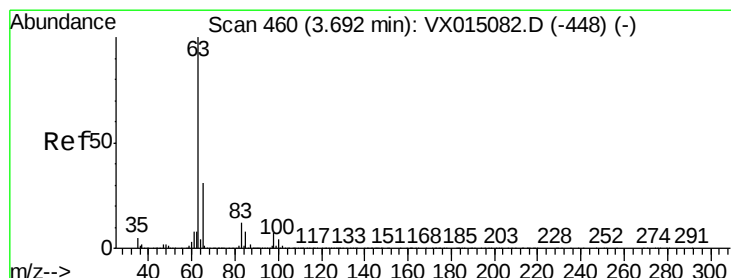
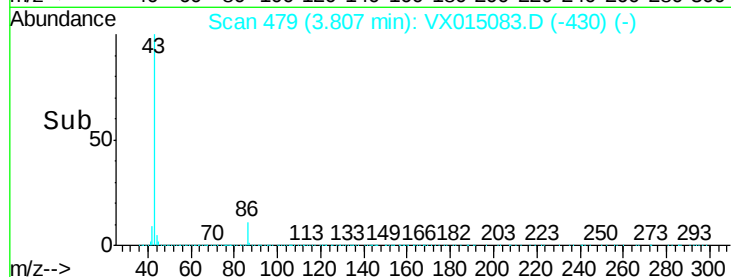
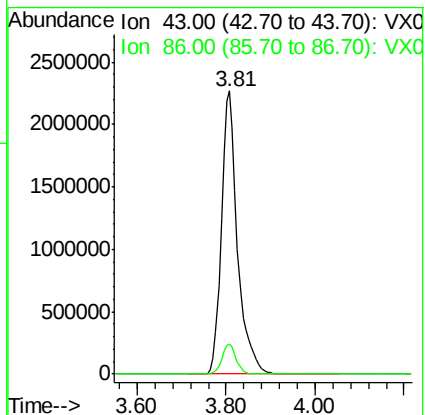
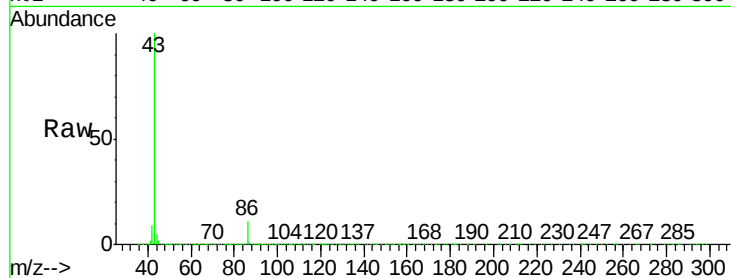
86 10.8 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 99.411 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

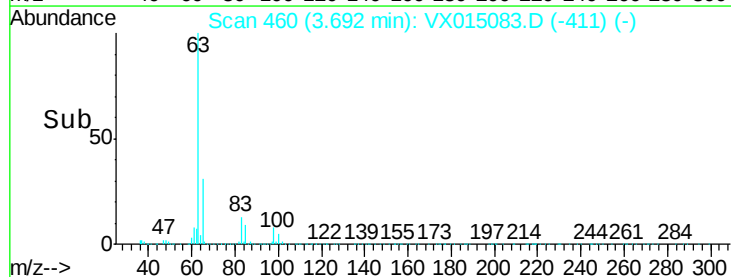
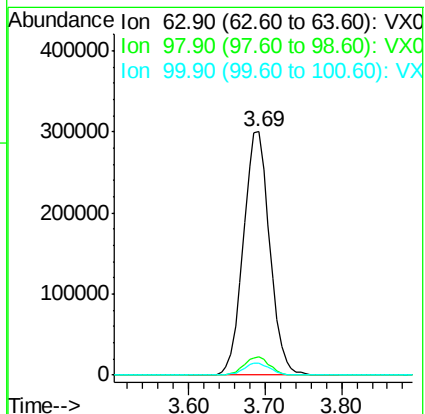
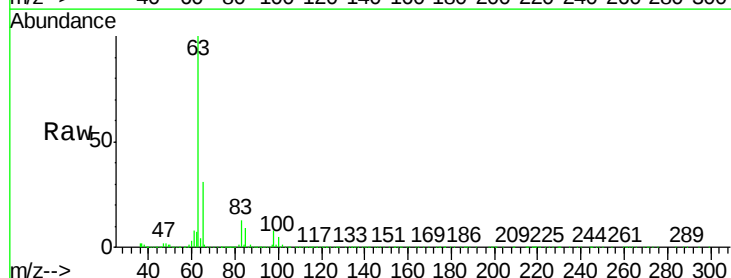
Tgt Ion: 63 Resp: 717999

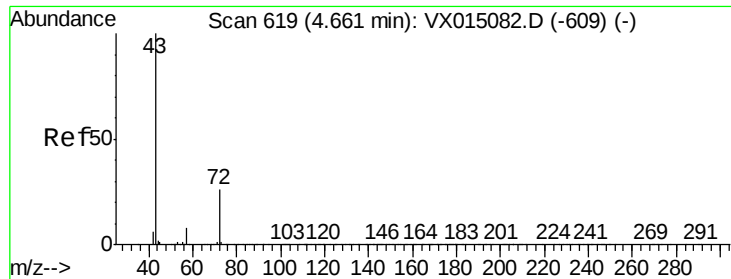
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 506.440 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tot Ion: 43 Resp: 1373182

Ion Ratio Lower Upper

43 100

72 26.0 20.6 30.8

Instrument :

MSVOA_X

ClientSampled :

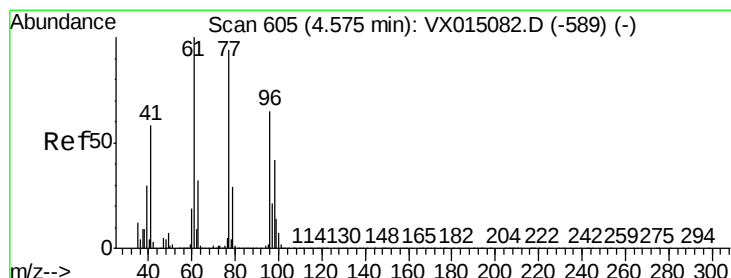
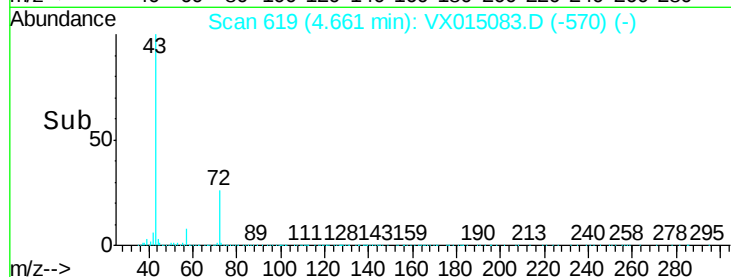
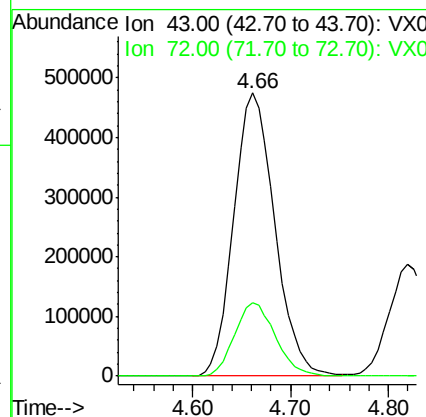
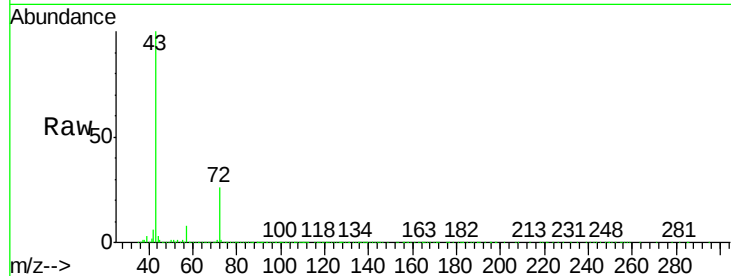
VSTDIC100

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 99.940 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015083.D

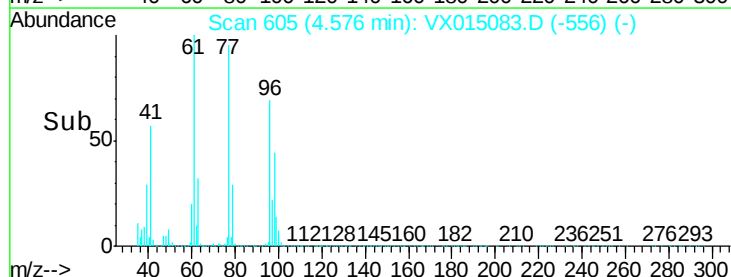
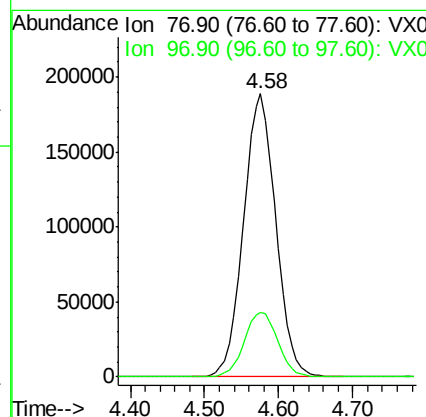
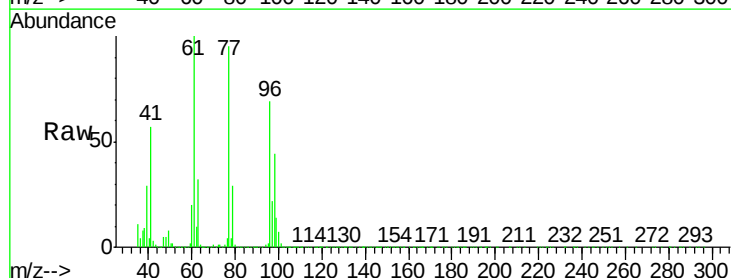
Acq: 04 Mar 2020 10:09

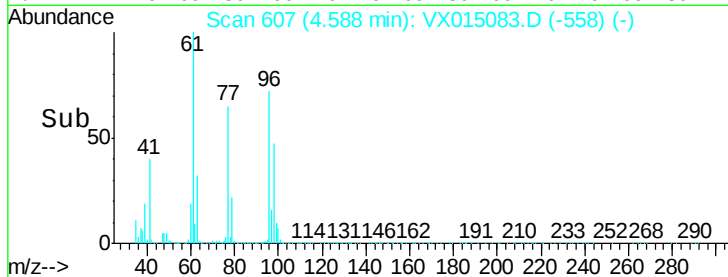
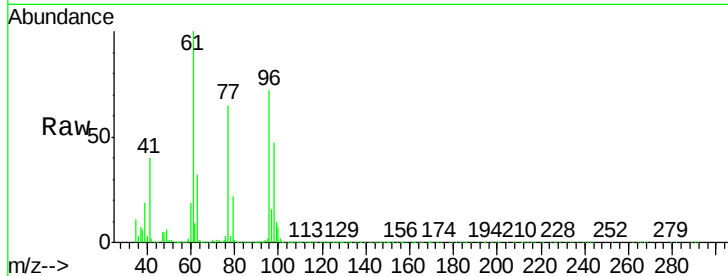
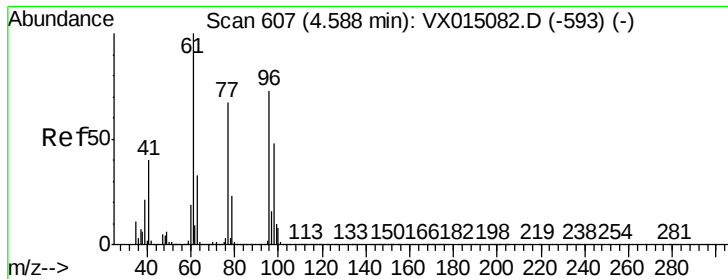
Tgt Ion: 77 Resp: 573021

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

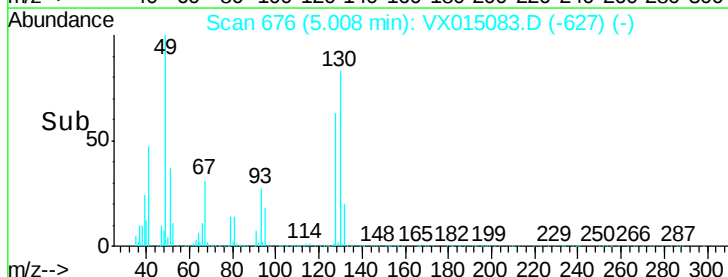
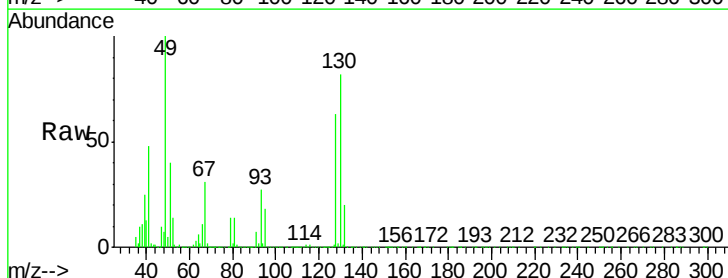
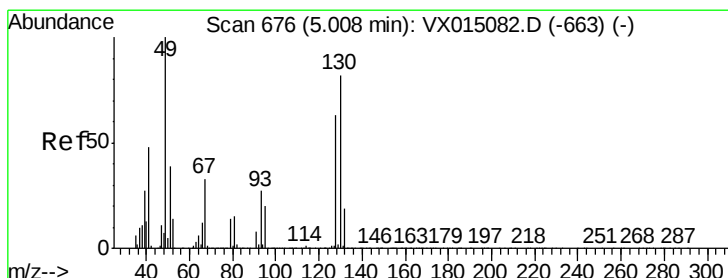
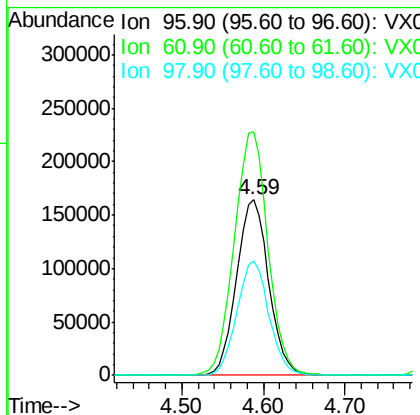
cis-1,2-Dichloroethene
Concen: 100.090 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tot Ion	Ratio	Resp	Lower	Upper
96	100	449141		
61	144.9	0.0	286.8	
98	64.8	0.0	128.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
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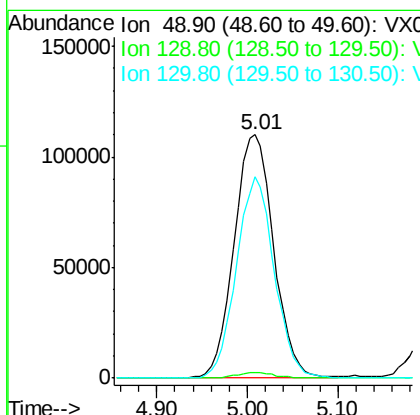
MMDadoda
3/5/2020 12:32:35 PM

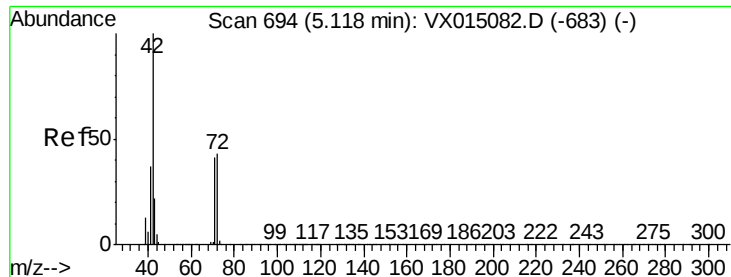


#28

Bromochloromethane
Concen: 100.570 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	330761		
129	2.3	0.0	4.4	
130	79.4	65.0	97.6	





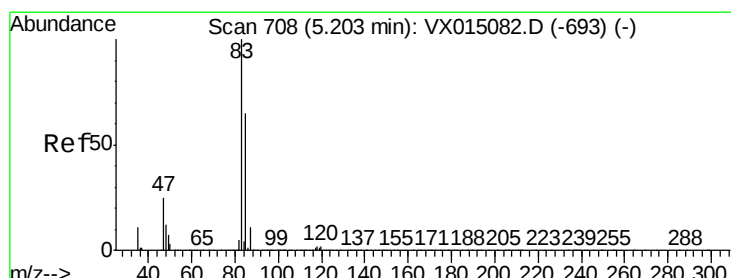
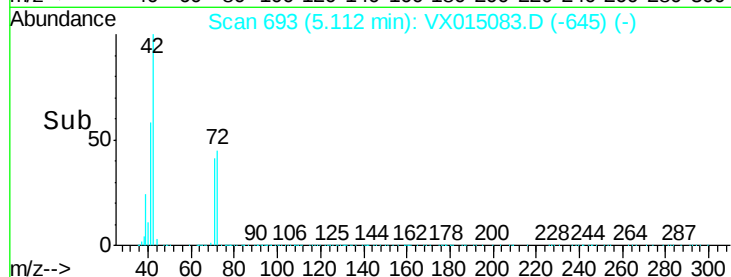
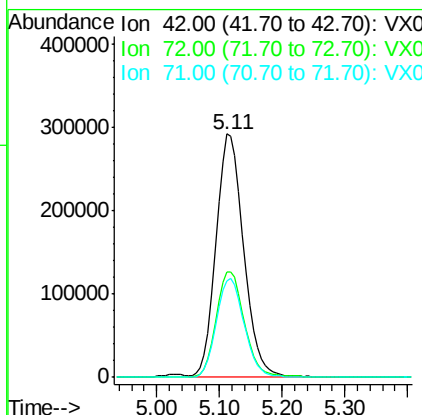
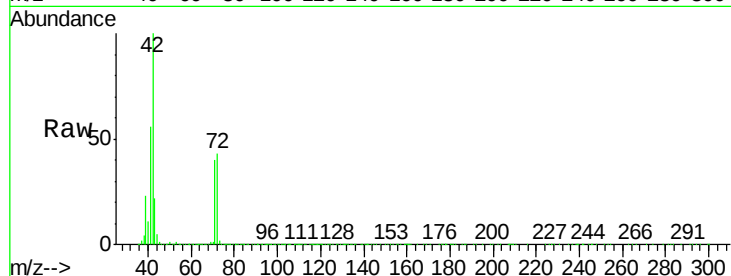
#29
Tetrahydrofuran
Concen: 505.957 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.4	54.6
71	41.0	33.3	49.9

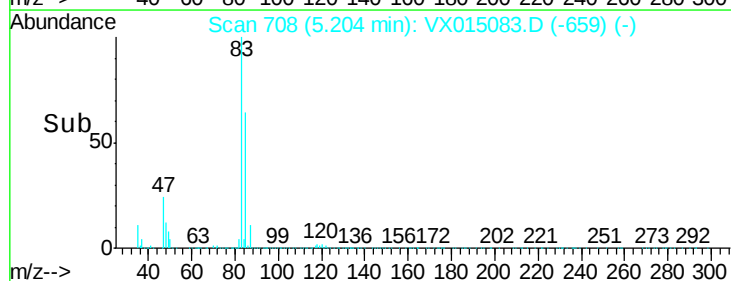
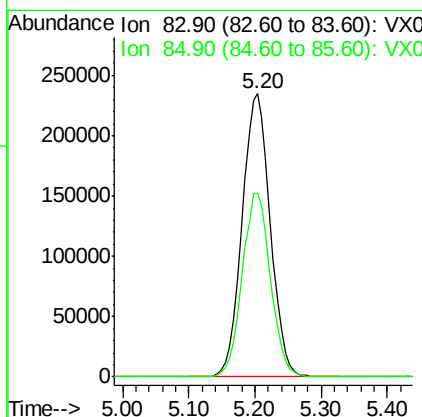
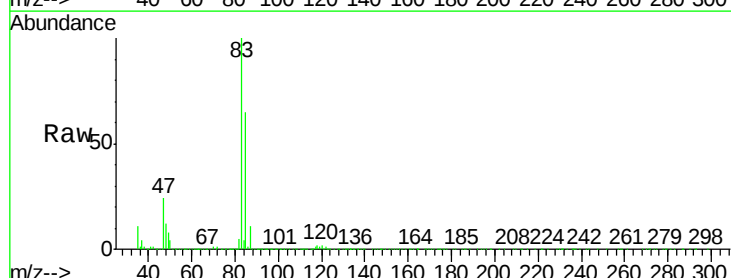
Manual Integrations
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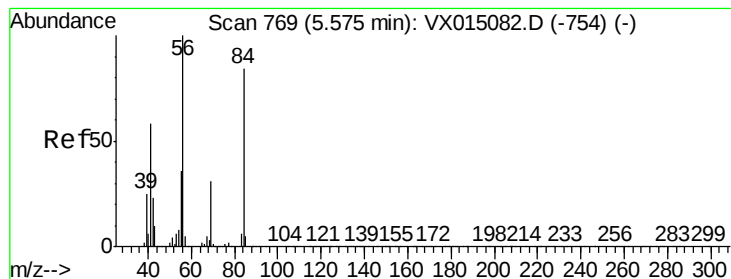
MMDadoda
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#30
Chloroform
Concen: 98.430 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.0	78.0





#31

Cvclohexane

Concen: 102.057 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

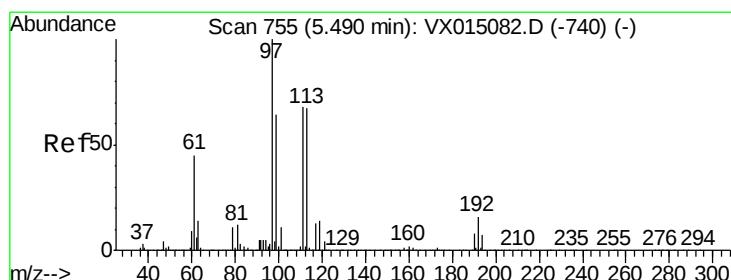
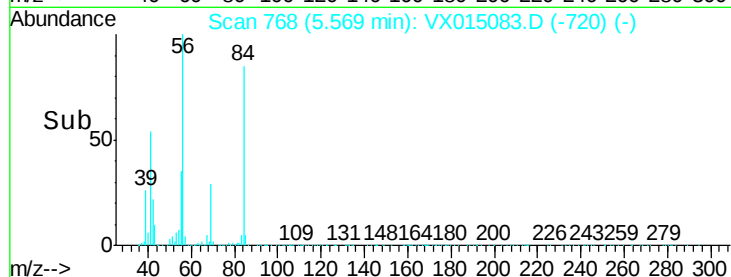
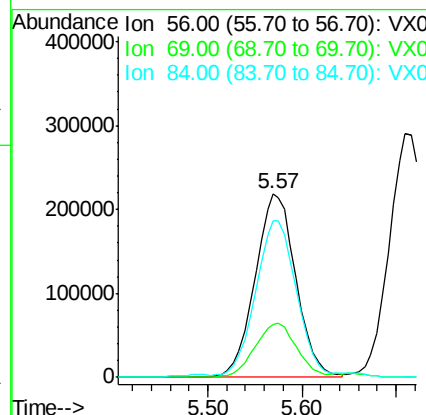
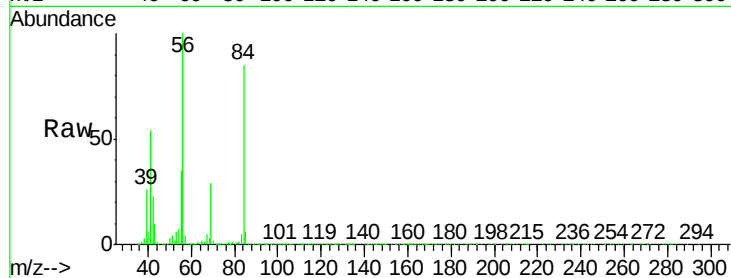
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	657478
Ion Ratio		Lower	Upper
56	100		
69	28.6	25.0	37.6
84	83.8	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 102.418 ug/l

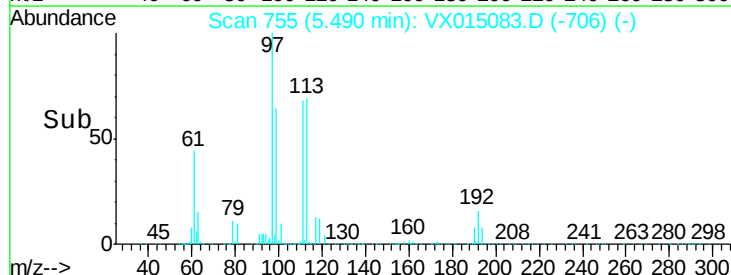
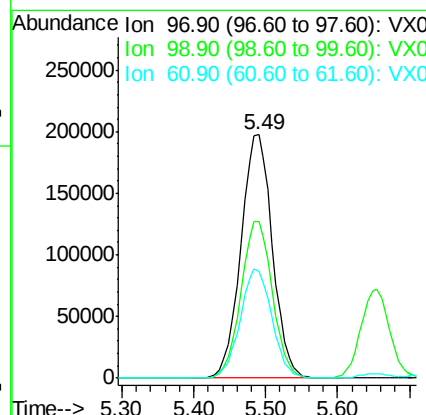
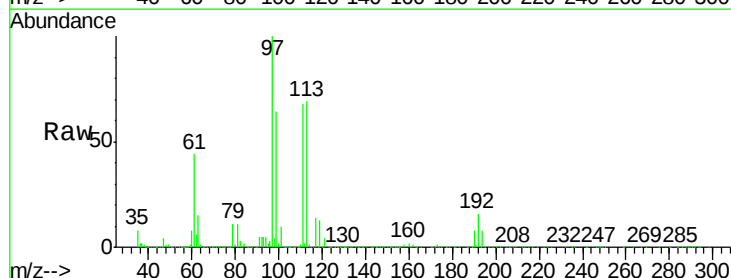
RT: 5.49 min Scan# 755

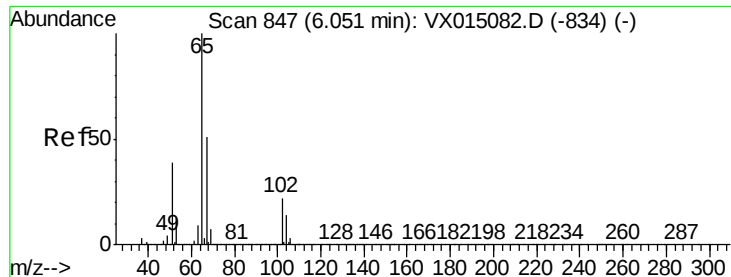
Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion:	97	Resp:	597648
Ion Ratio		Lower	Upper
97	100		
99	64.3	52.8	79.2
61	45.2	36.6	54.8





#33

1,2-Dichloroethane-d4

Concen: 97.676 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 446696

Ion Ratio Lower Upper

65 100

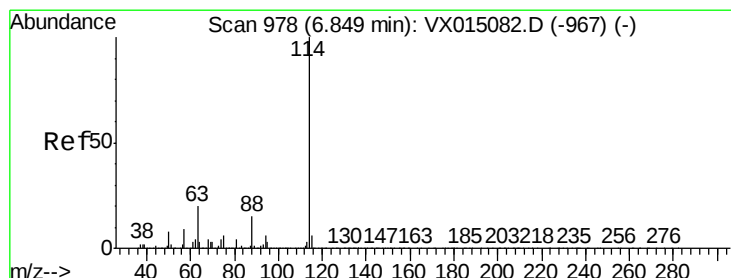
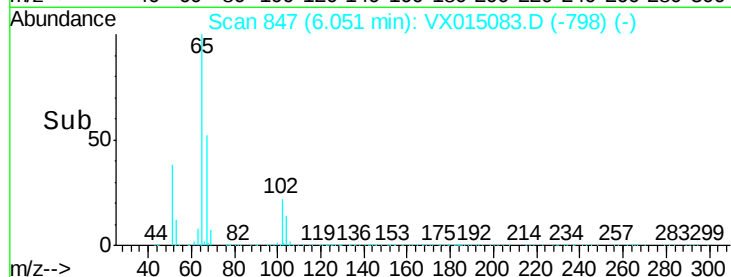
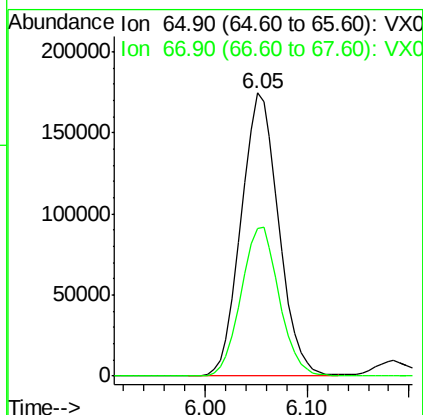
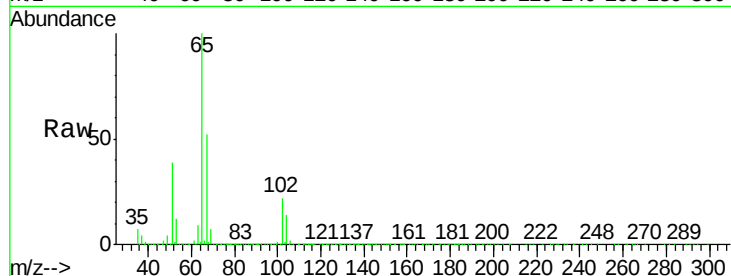
67 53.4 0.0 105.6

Manual Integrations

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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: VX015083.D

Acq: 04 Mar 2020 10:09

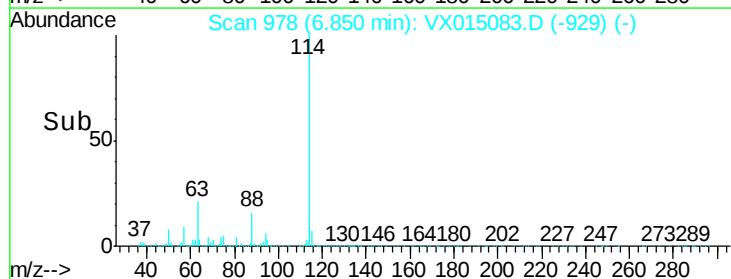
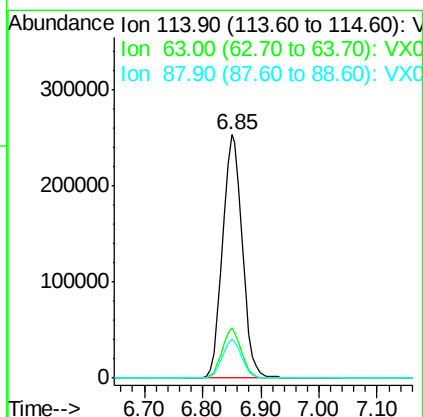
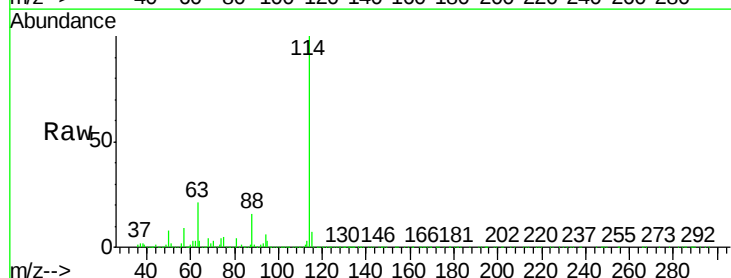
Tgt Ion: 114 Resp: 593511

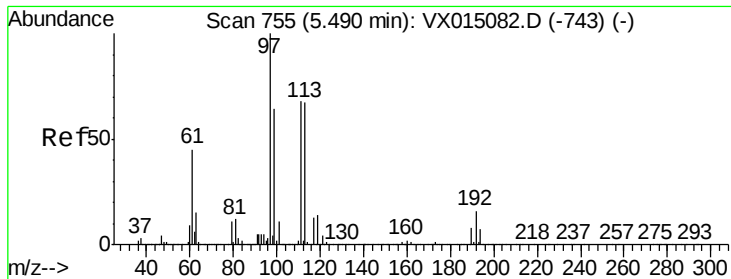
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 99.817 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

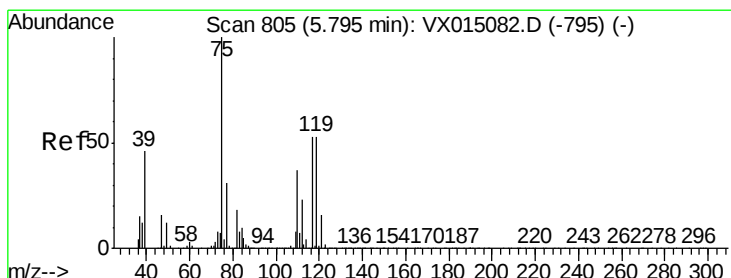
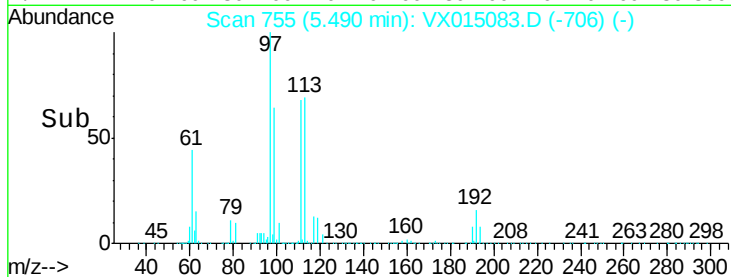
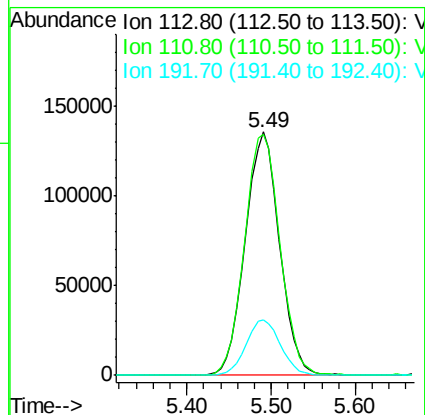
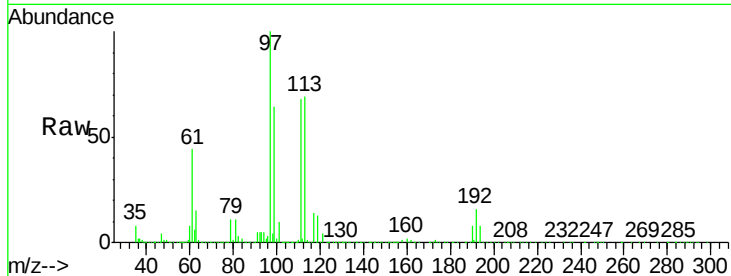
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	373742
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.6	123.8
192	23.2	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 99.572 ug/l

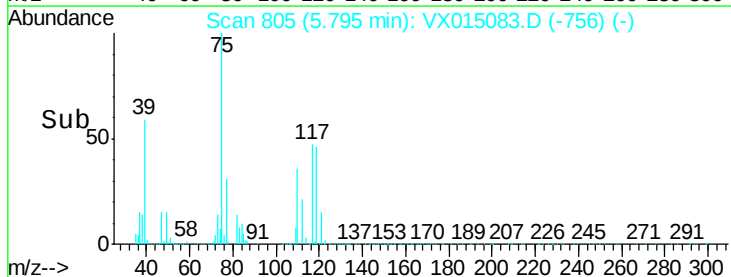
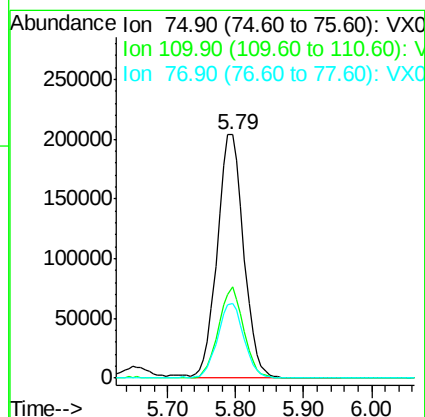
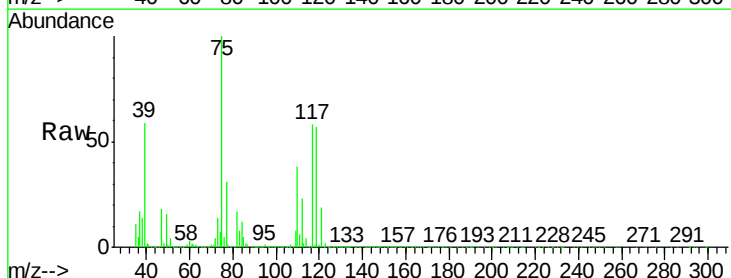
RT: 5.79 min Scan# 805

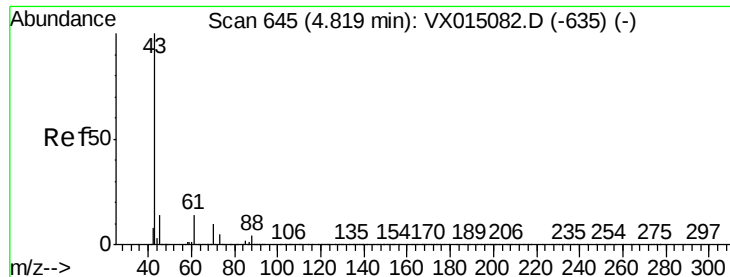
Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion:	75	Resp:	546696
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.9	53.8
77	30.5	24.8	37.2





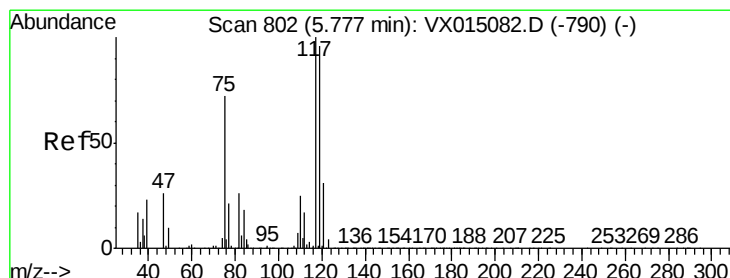
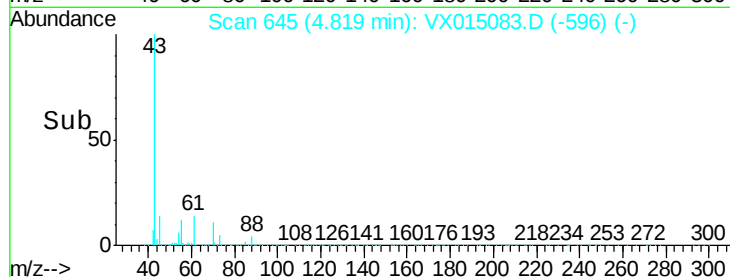
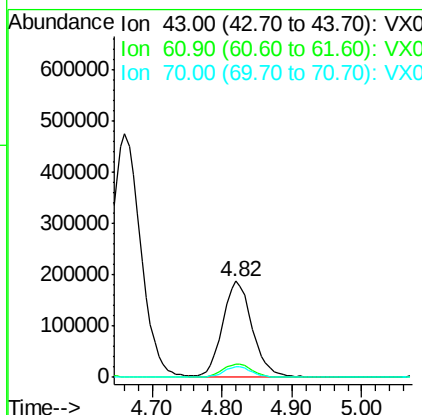
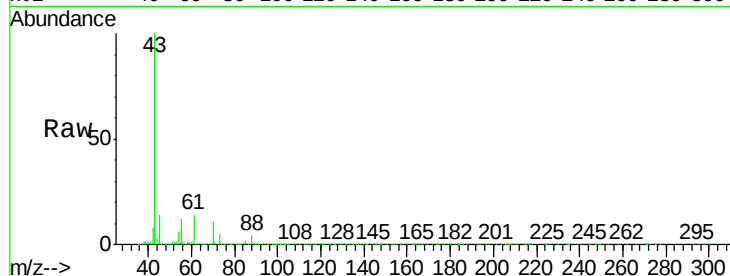
#37
Ethyl Acetate
Concen: 108.094 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	43	Resp:	550410
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	10.5	8.1	12.1

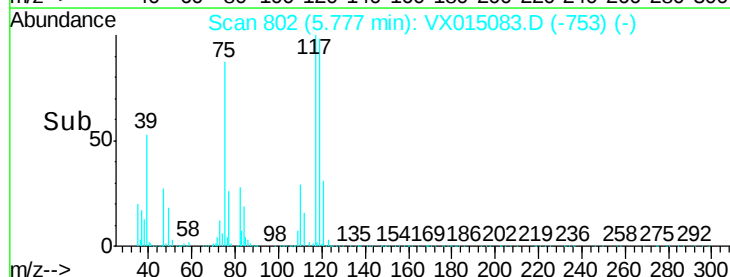
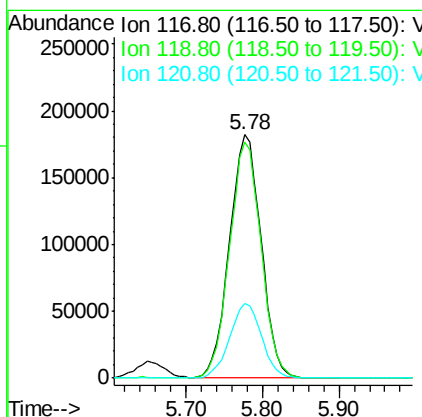
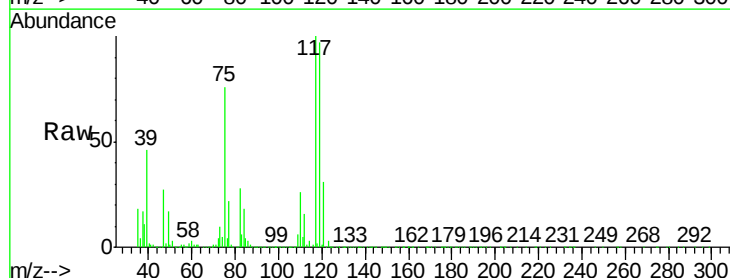
Manual Integrations
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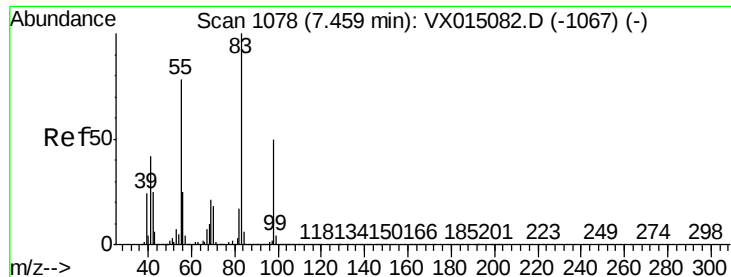
MMDadoda
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#38
Carbon Tetrachloride
Concen: 100.492 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion:	117	Resp:	520809
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.9	115.3
121	30.6	24.6	37.0





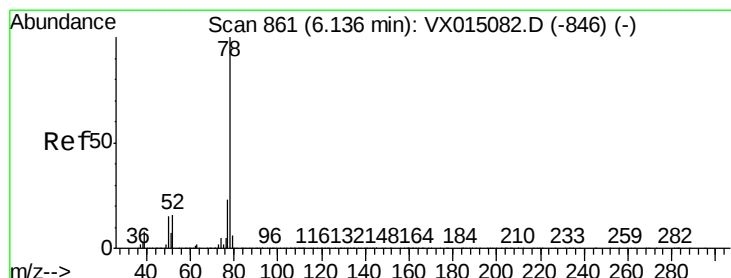
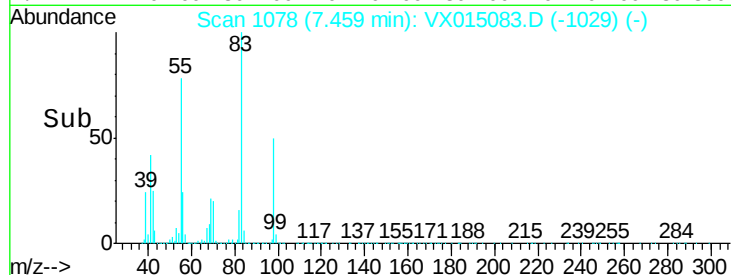
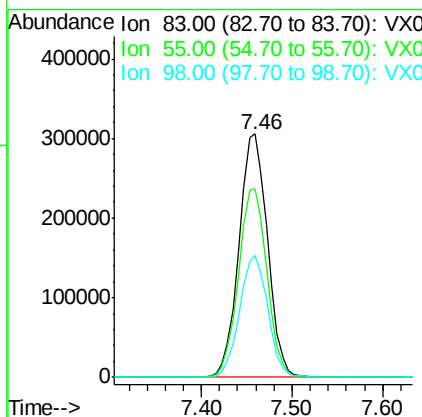
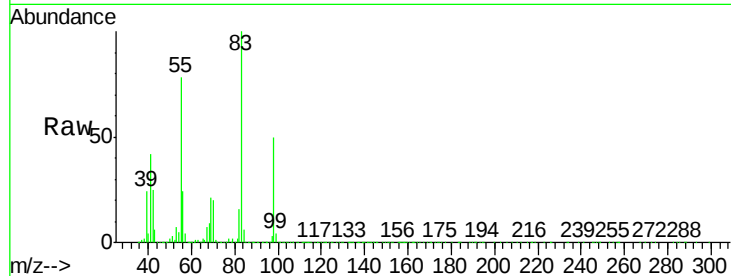
#39
Methylvlcyclohexane
Concen: 103.539 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	62.4	93.6
98	50.0	39.7	59.5

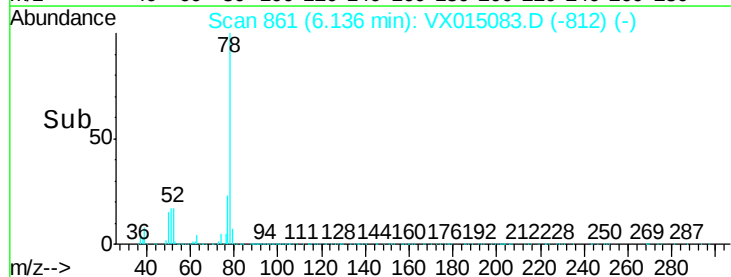
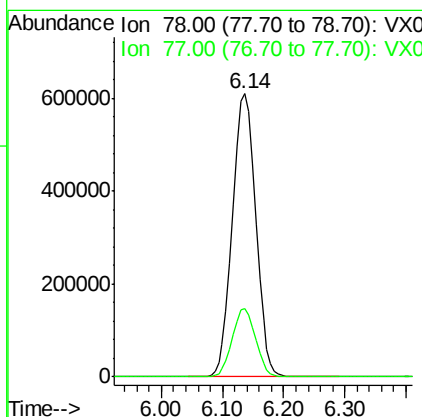
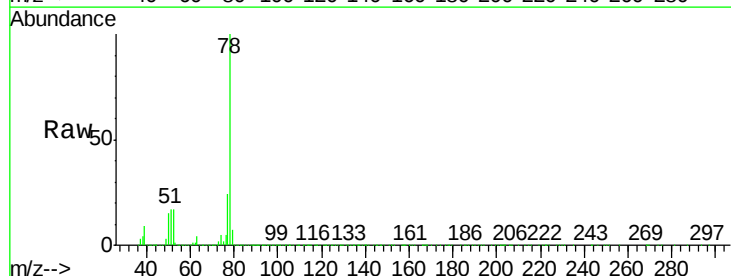
Manual Integrations
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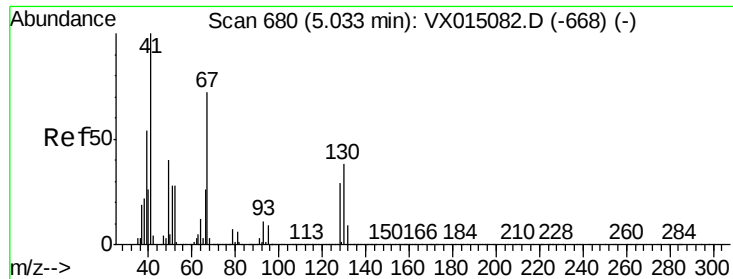
MMDadoda
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#40
Benzene
Concen: 98.753 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0





#41

Methacrylonitrile

Concen: 109.697 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

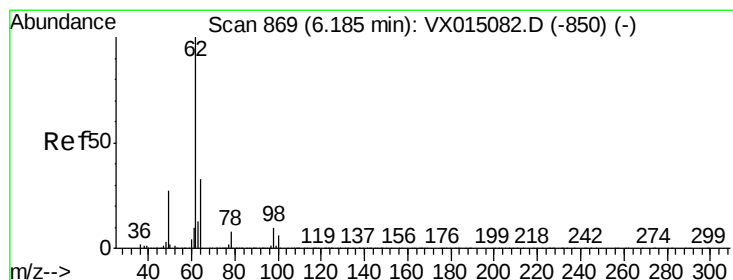
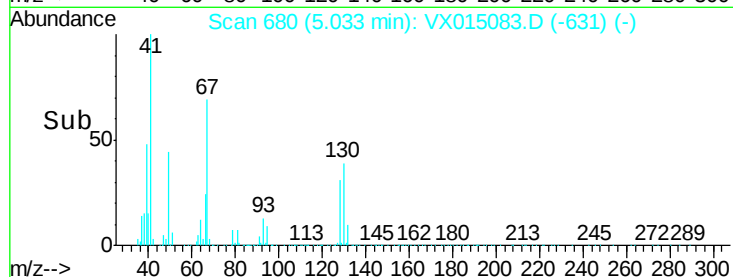
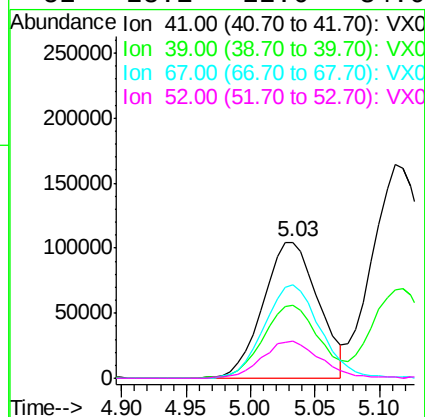
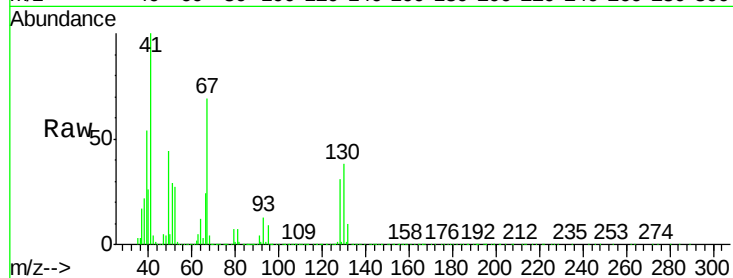
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
309775	41	100		
	39	55.4	43.9	65.9
	67	69.5	57.8	86.8
	52	28.1	22.6	34.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 99.597 ug/l

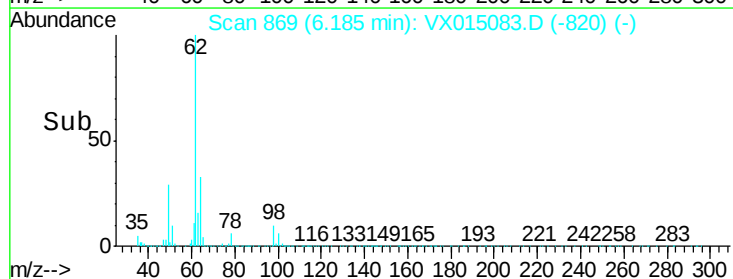
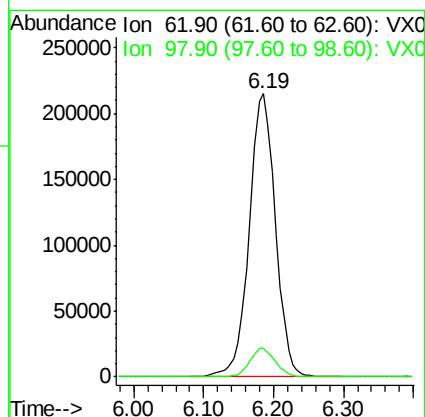
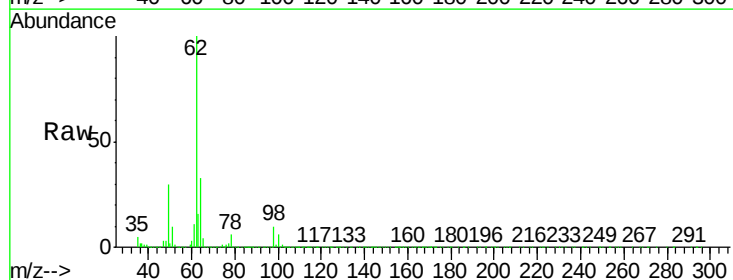
RT: 6.19 min Scan# 869

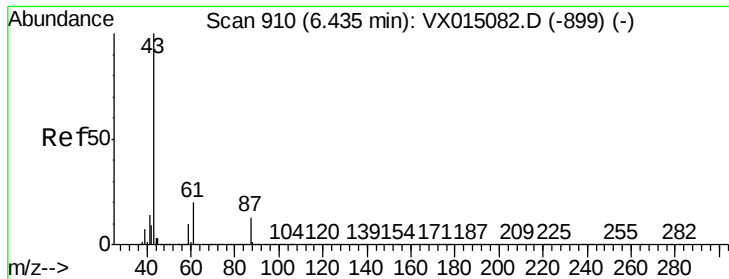
Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion	Ion	Ratio	Lower	Upper
557106	62	100		
	98	9.7	0.0	20.6





#43

Isopropyl Acetate

Concen: 103.308 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

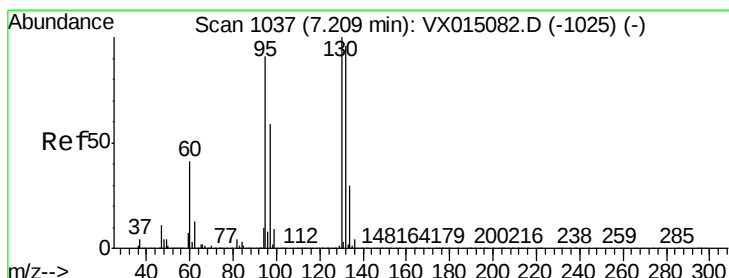
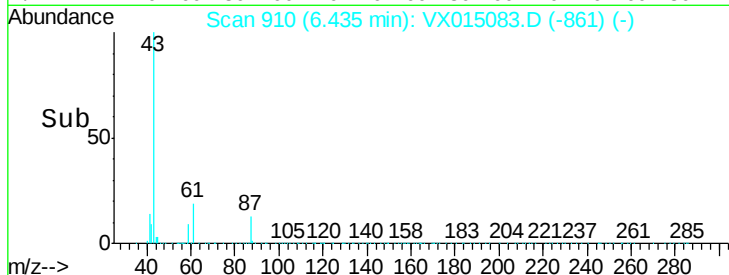
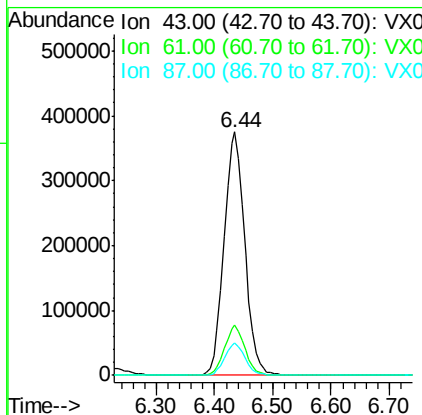
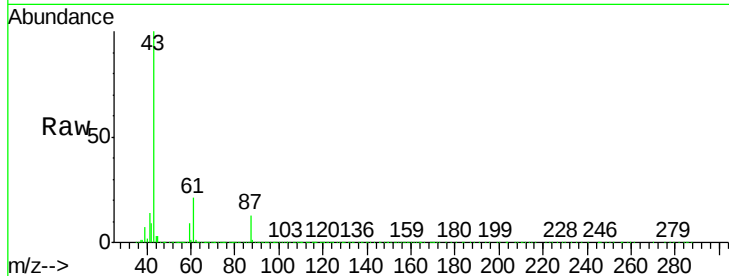
ClientSampled :

VSTDIC100

Tot Ion:	43	Resp:	925530
Ion Ratio		Lower	Upper
43	100		
61	20.1	16.1	24.1
87	13.0	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 99.664 ug/l

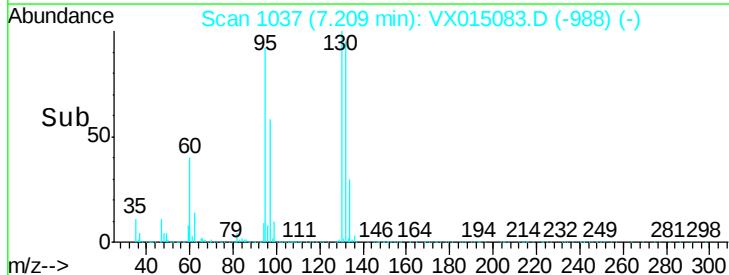
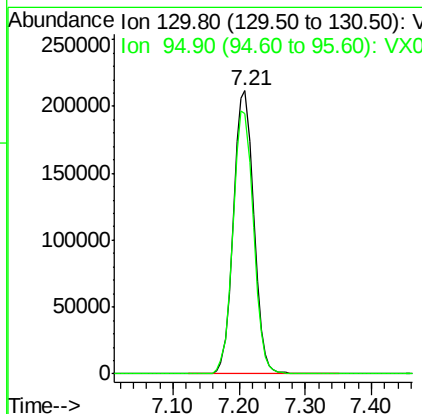
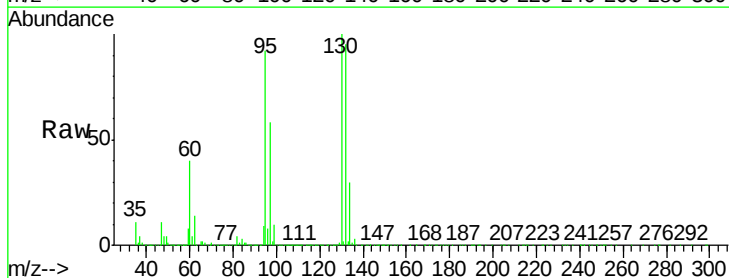
RT: 7.21 min Scan# 1037

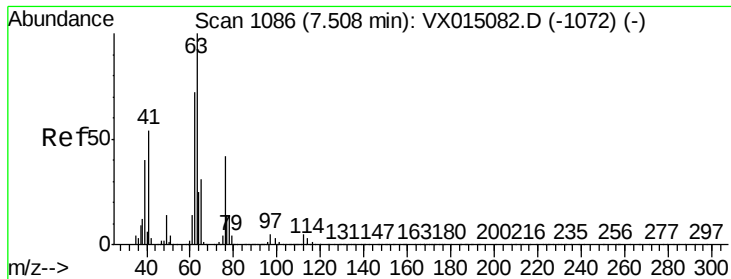
Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion:	130	Resp:	452115
Ion Ratio		Lower	Upper
130	100		
95	92.1	0.0	181.2





#45

1,2-Dichloropropane

Concen: 100.188 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 63 Resp: 422396

Ion Ratio Lower Upper

63 100

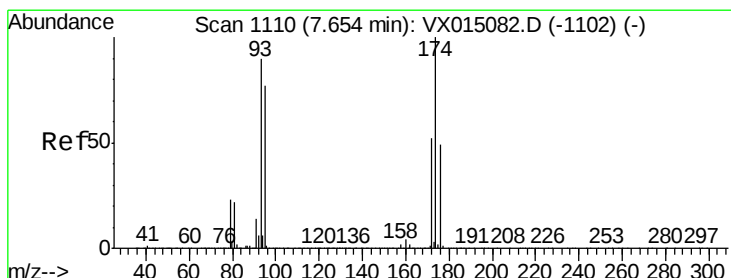
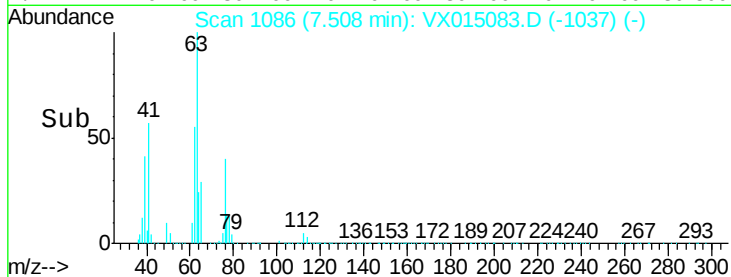
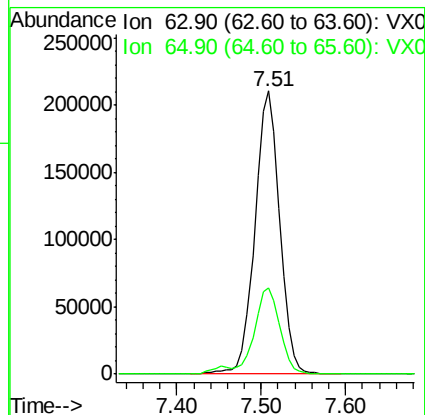
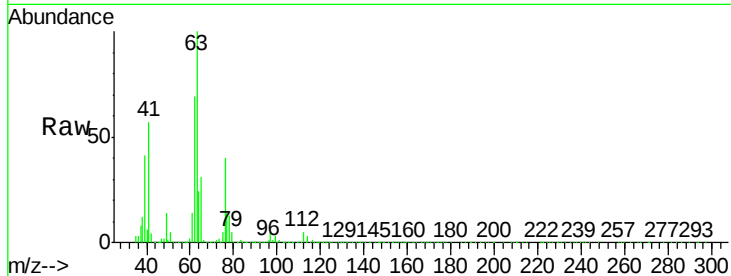
65 30.5 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 99.068 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

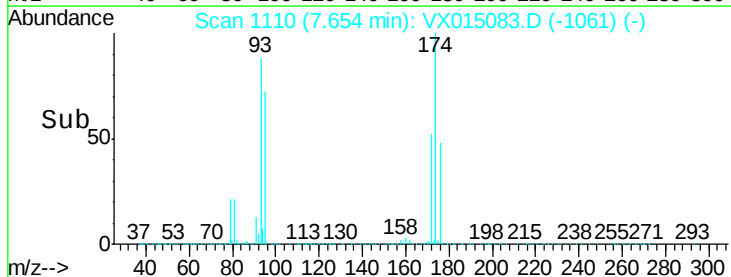
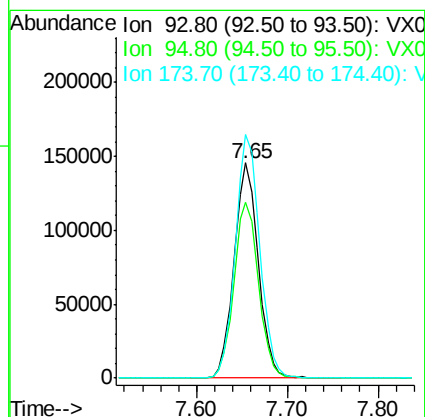
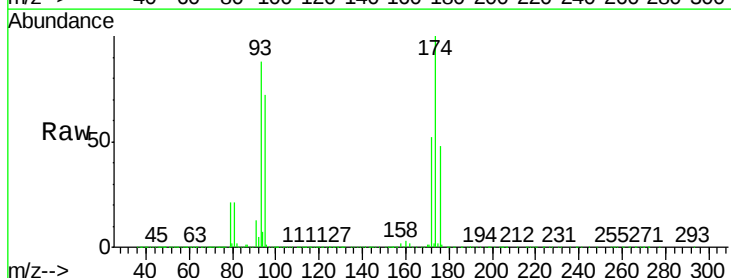
Tgt Ion: 93 Resp: 272167

Ion Ratio Lower Upper

93 100

95 83.3 67.8 101.8

174 114.6 91.0 136.4





#47

Bromodichloromethane

Concen: 103.129 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

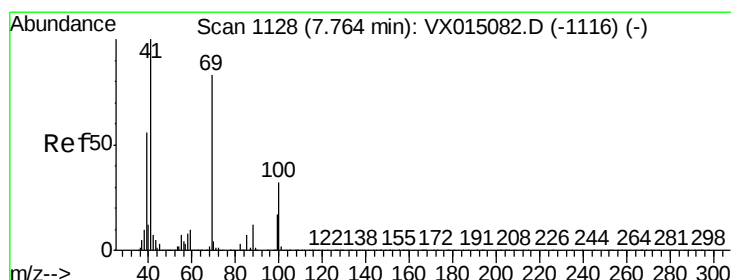
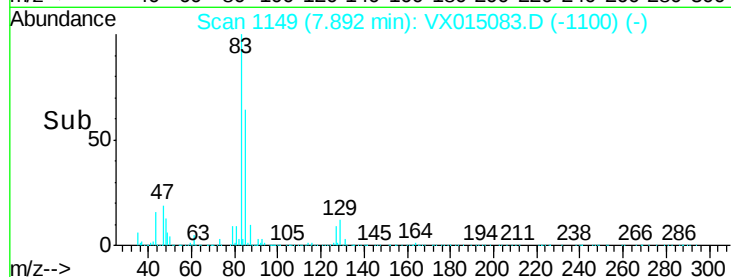
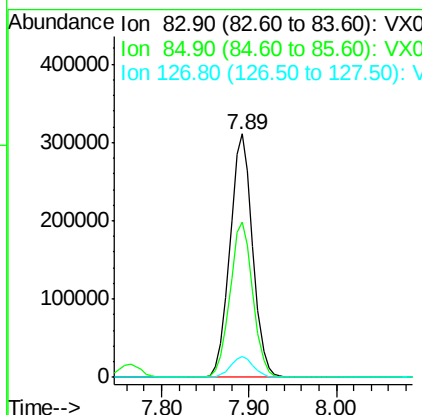
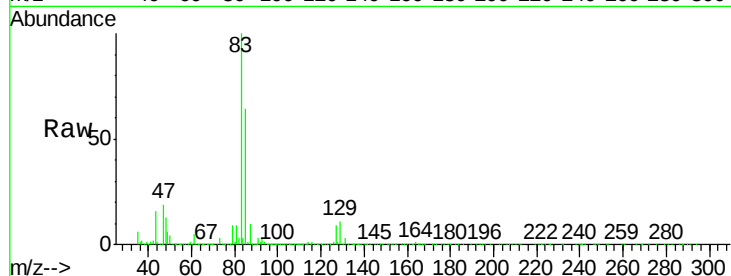
ClientSampleId :

VSTDIC100

Tot Ion	83	Resp	560255
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.6	75.8
127	8.7	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 102.169 ug/l

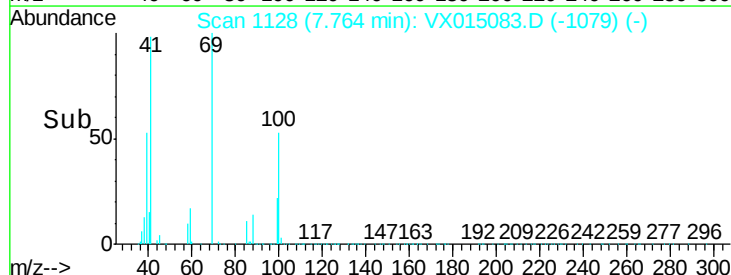
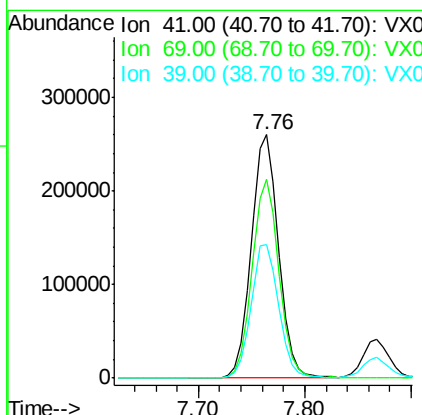
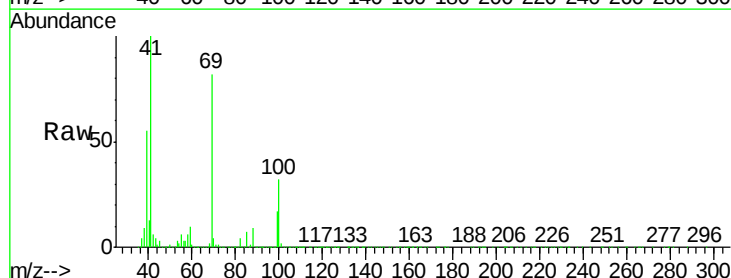
RT: 7.76 min Scan# 1128

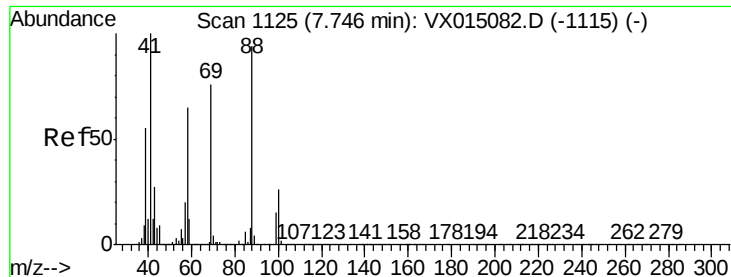
Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion	41	Resp	465899
Ion	Ratio	Lower	Upper
41	100		
69	80.6	65.4	98.2
39	55.5	44.6	67.0





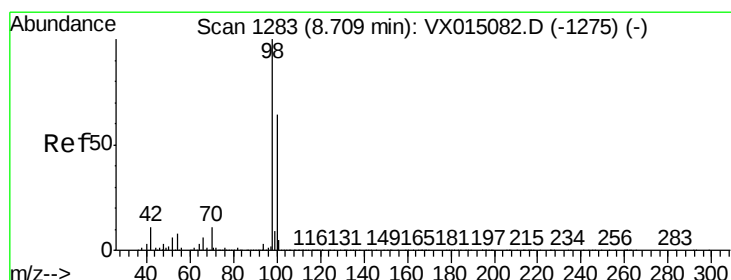
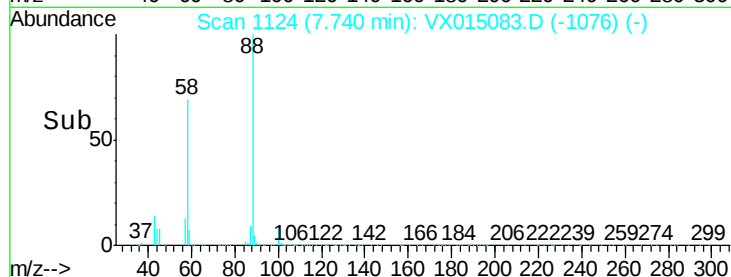
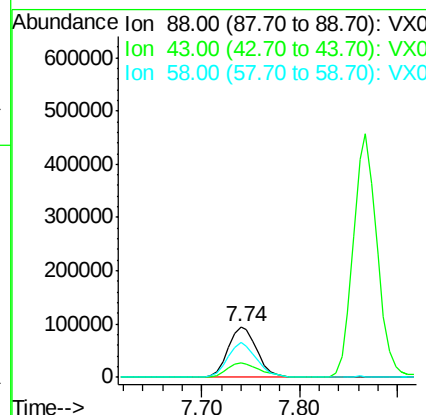
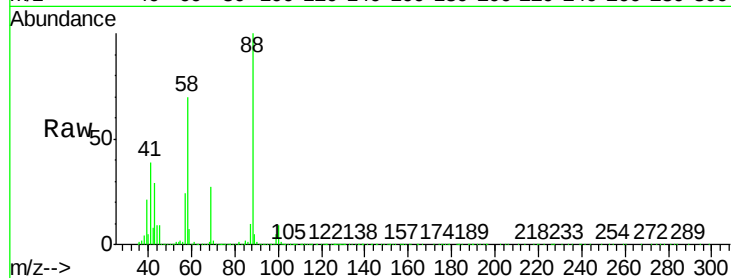
#49
1,4-Dioxane
Concen: 1930.129 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.0	40.4
58	69.1	55.6	83.4

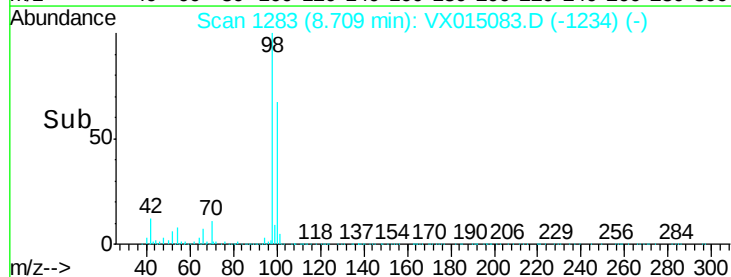
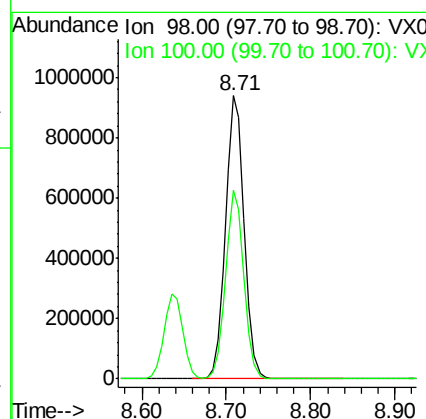
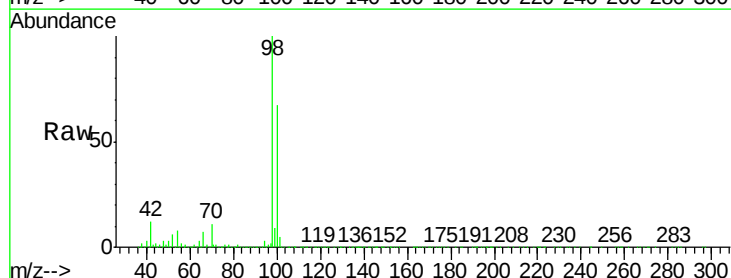
Manual Integrations
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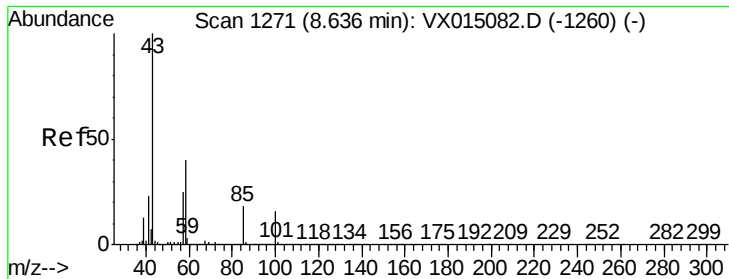
MMDadoda
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#50
Toluene-d8
Concen: 100.349 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 517.114 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2738962

Ion Ratio Lower Upper

43 100

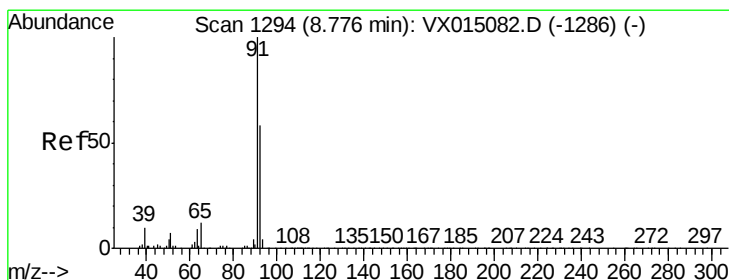
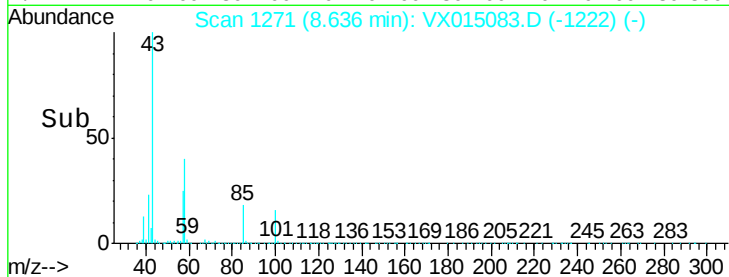
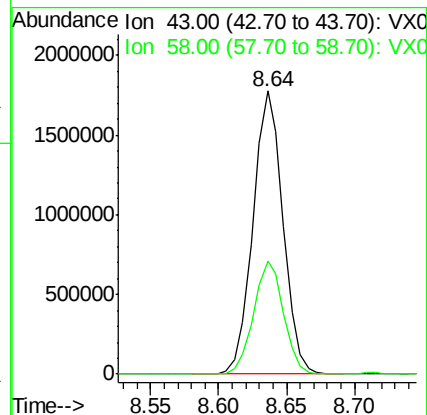
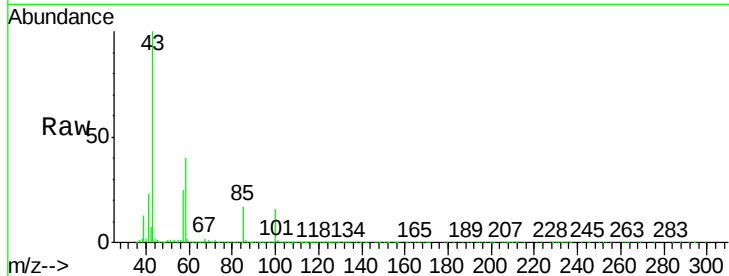
58 40.0 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 101.897 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015083.D

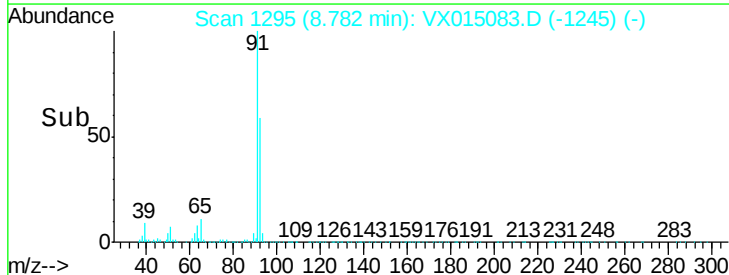
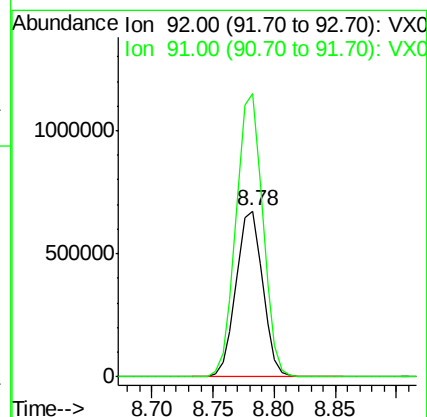
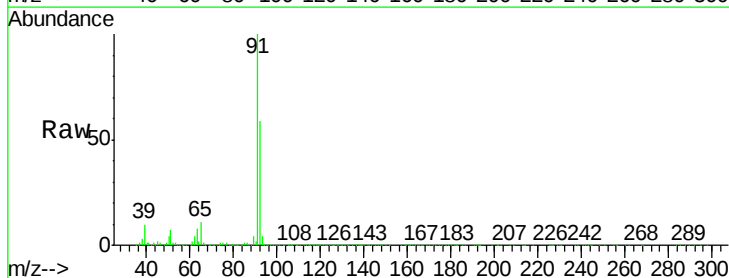
Acq: 04 Mar 2020 10:09

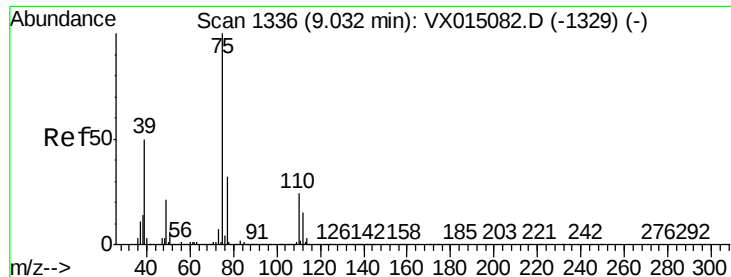
Tgt Ion: 92 Resp: 1014787

Ion Ratio Lower Upper

92 100

91 170.8 136.9 205.3





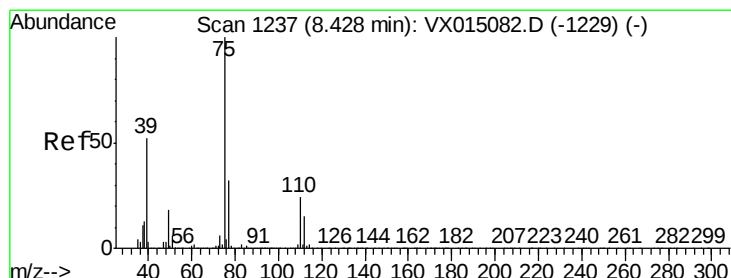
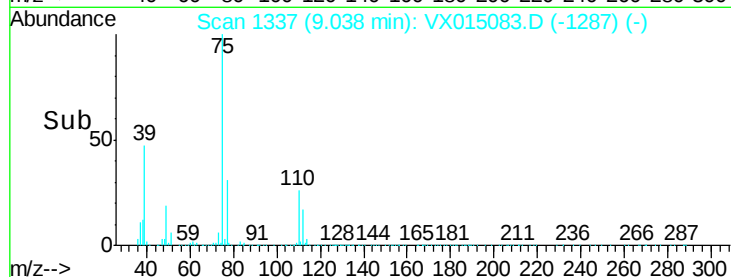
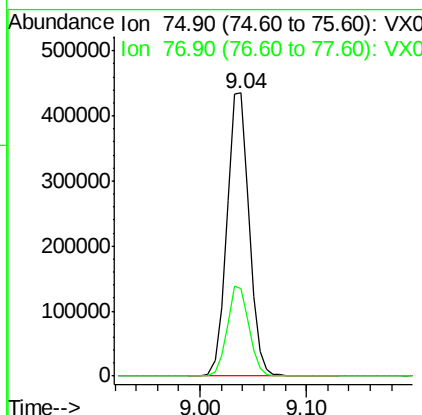
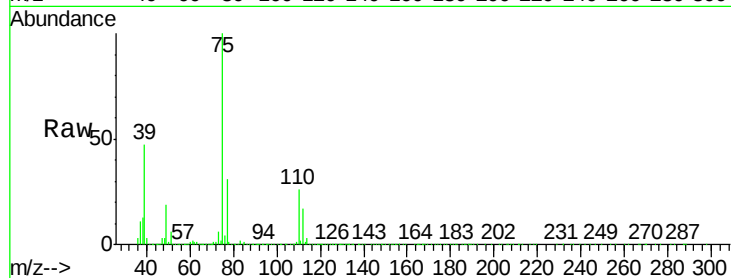
#53
t-1,3-Dichloropropene
Concen: 109.045 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
75	100	634625		
77	31.0	25.4	38.0	

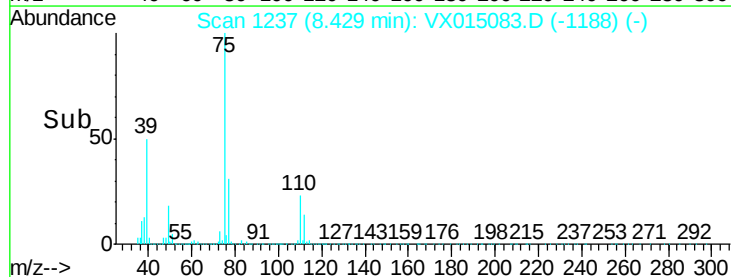
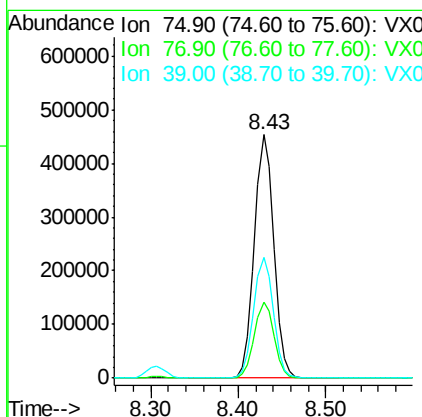
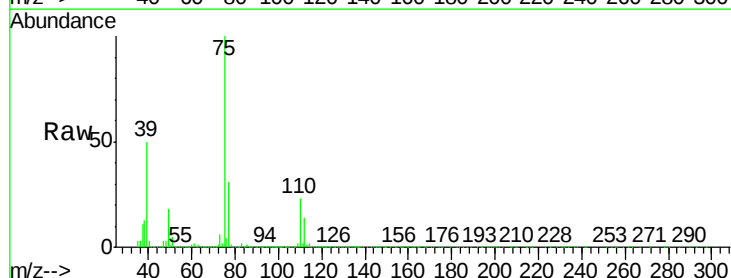
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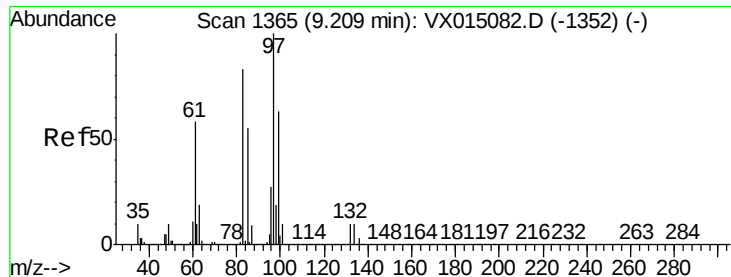
MMDadoda
3/5/2020 12:32:35 PM



#54
cis-1,3-Dichloropropene
Concen: 106.760 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	697865		
77	31.2	25.8	38.6	
39	49.5	41.3	61.9	





#55

1,1,2-Trichloroethane

Concen: 98.132 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

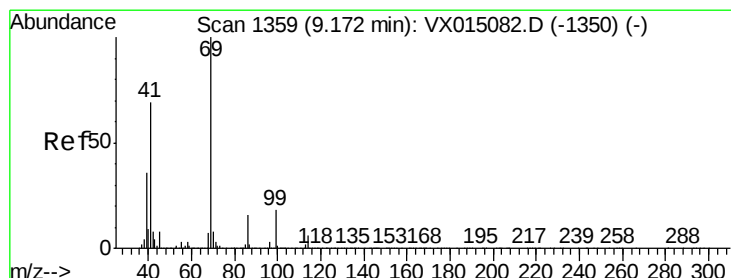
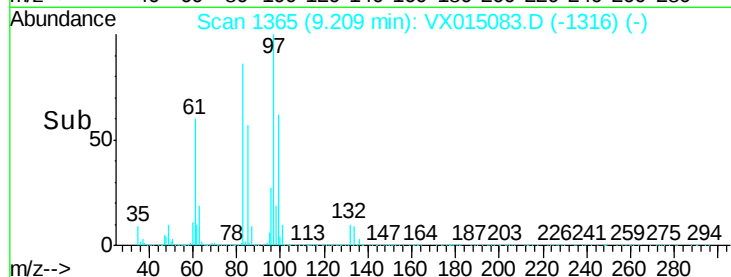
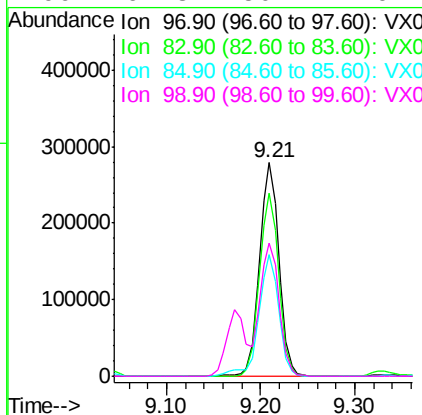
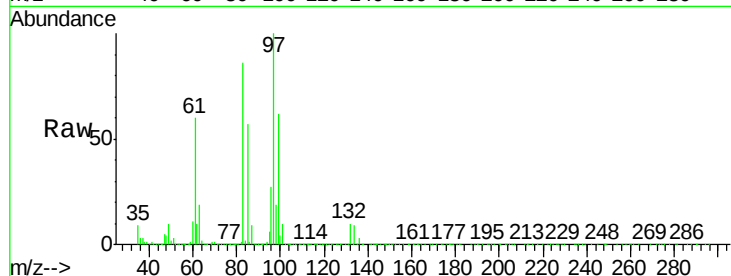
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		402273		
83	85.7	66.4	99.6		
85	56.7	43.5	65.3		
99	62.3	50.7	76.1		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 109.890 ug/l

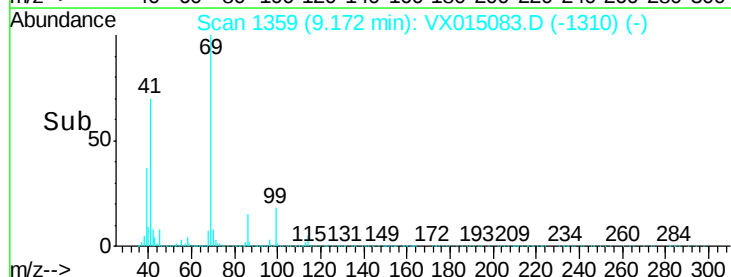
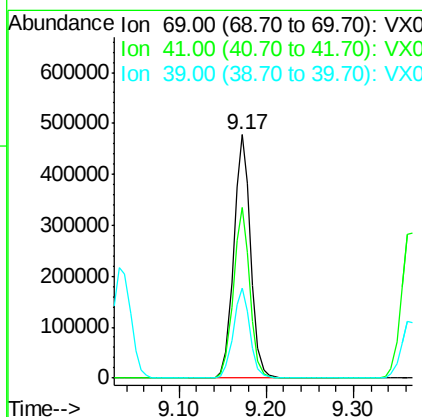
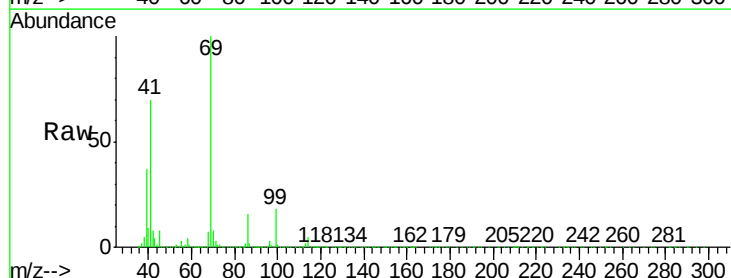
RT: 9.17 min Scan# 1359

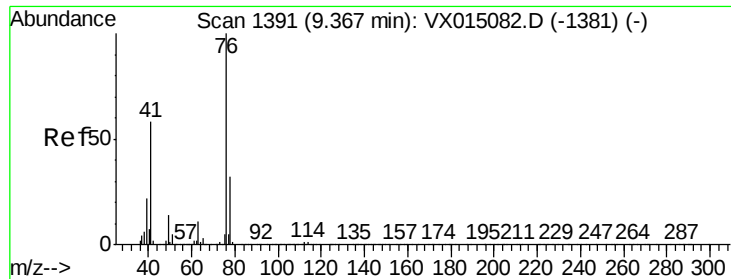
Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		642442		
41	68.5	55.8	83.8		
39	36.4	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 99.932 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 76 Resp: 689174

Ion Ratio Lower Upper

76 100

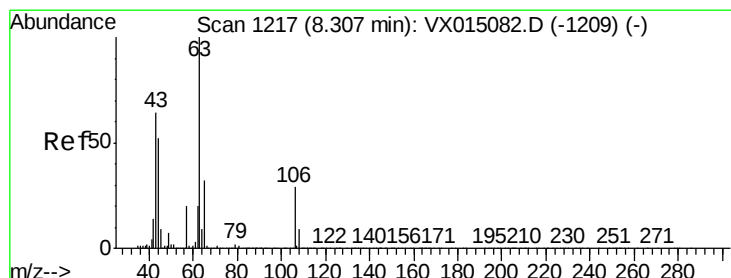
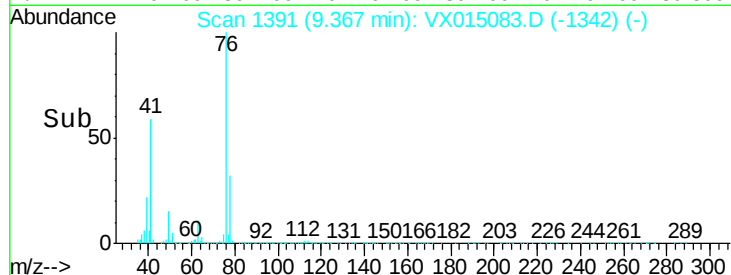
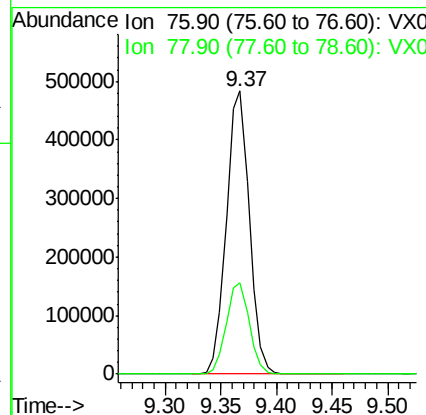
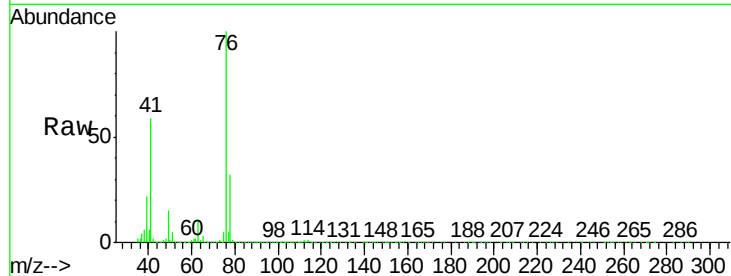
78 32.3 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 531.357 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015083.D

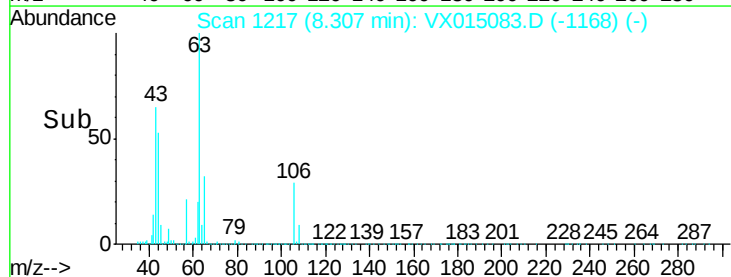
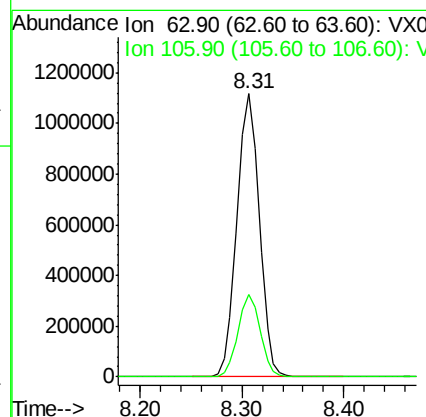
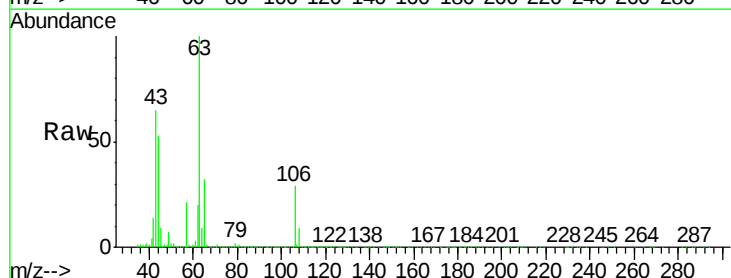
Acq: 04 Mar 2020 10:09

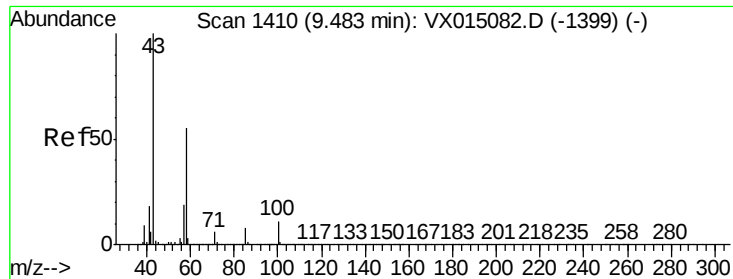
Tgt Ion: 63 Resp: 1692470

Ion Ratio Lower Upper

63 100

106 28.9 22.8 34.2





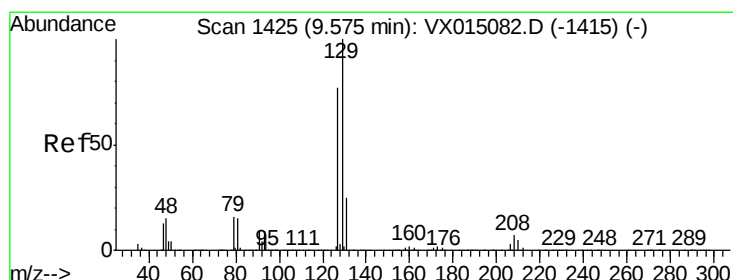
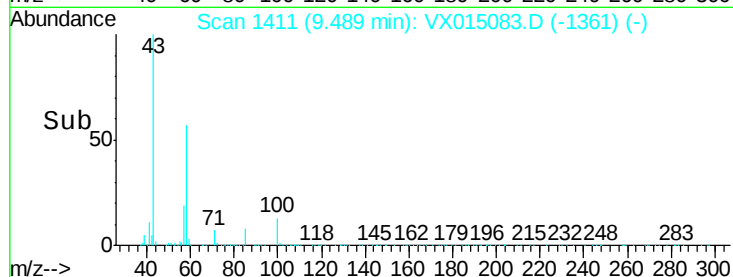
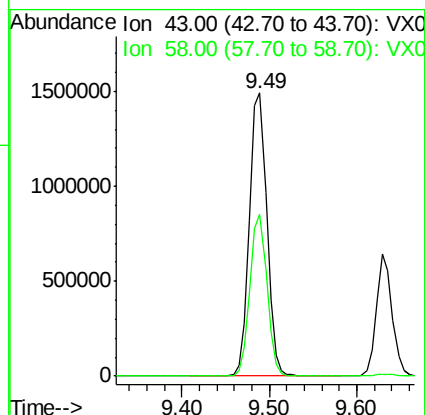
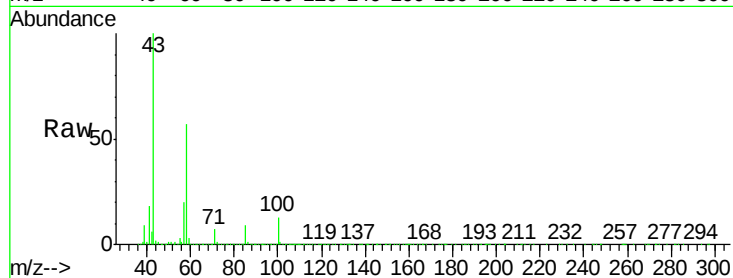
#59
2-Hexanone
Concen: 523.669 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 2055703
Ion Ratio Lower Upper
43 100
58 56.0 27.3 81.8

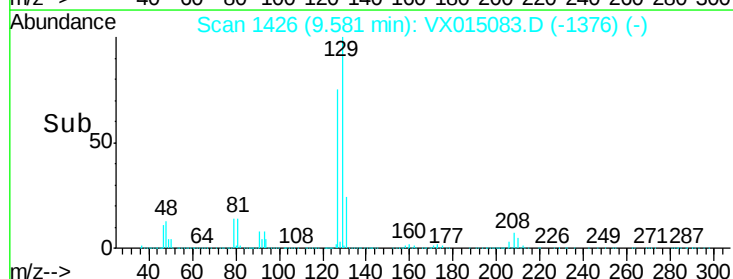
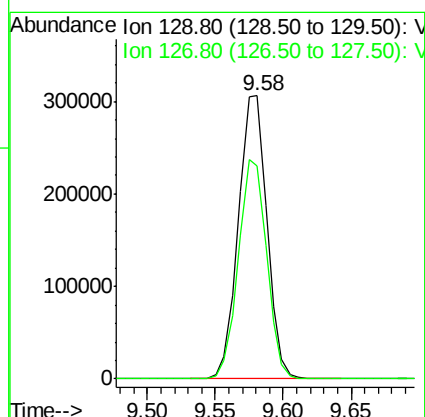
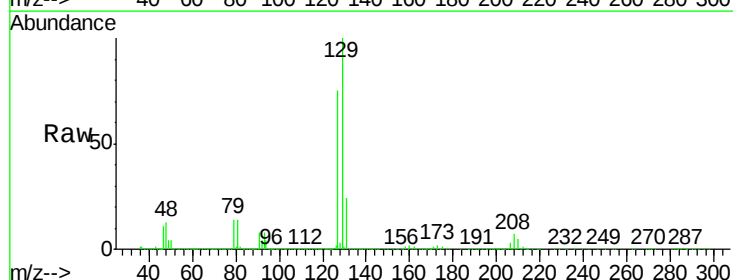
Manual Integrations
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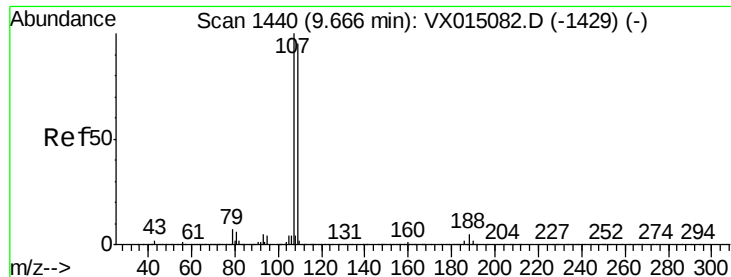
MMDadoda
3/5/2020 12:32:35 PM



#60
Dibromochloromethane
Concen: 104.317 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion: 129 Resp: 449203
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





#61

1,2-Dibromoethane

Concen: 97.847 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 421304

Ion Ratio Lower Upper

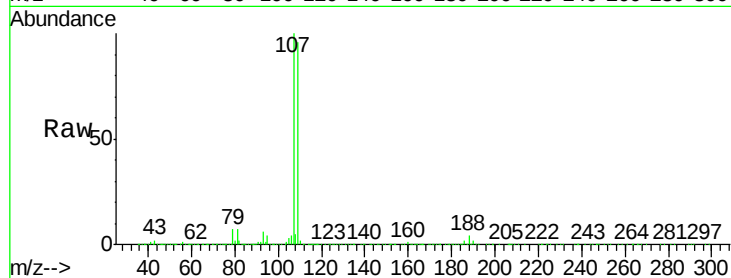
107 100

109 95.0 75.6 113.4

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

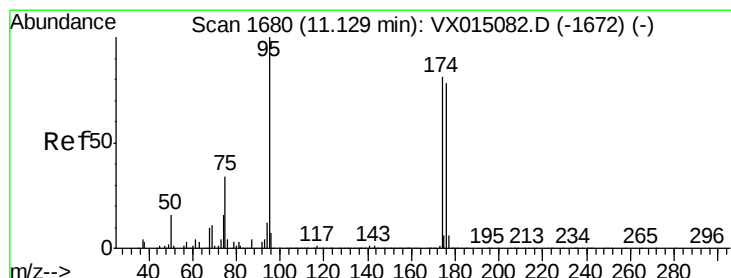
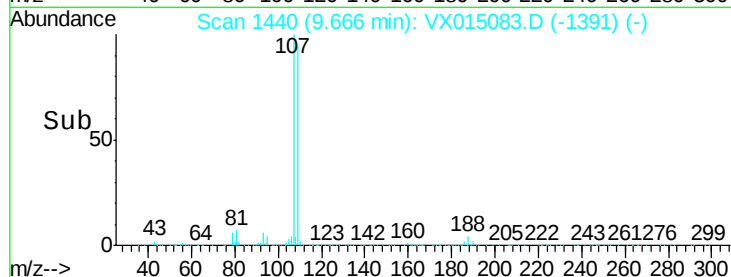
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 99.885 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

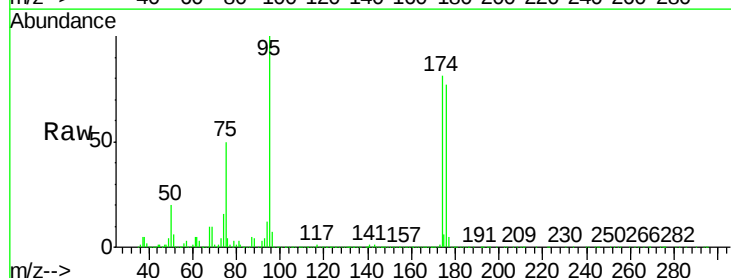
Tgt Ion: 95 Resp: 507436

Ion Ratio Lower Upper

95 100

174 88.8 0.0 177.6

176 86.5 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

500000

400000

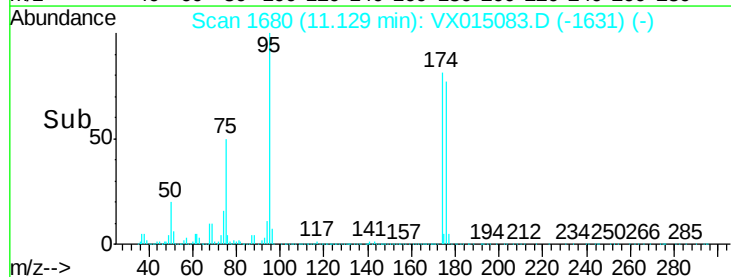
300000

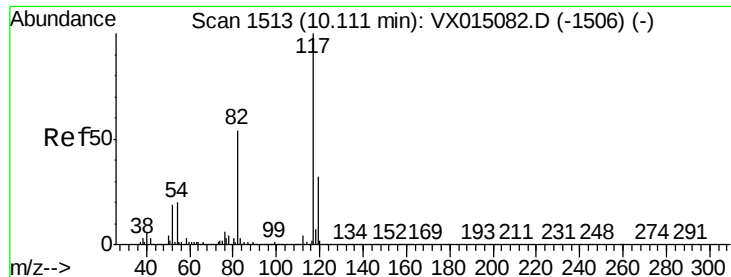
200000

100000

0

Time--> 11.10 11.20





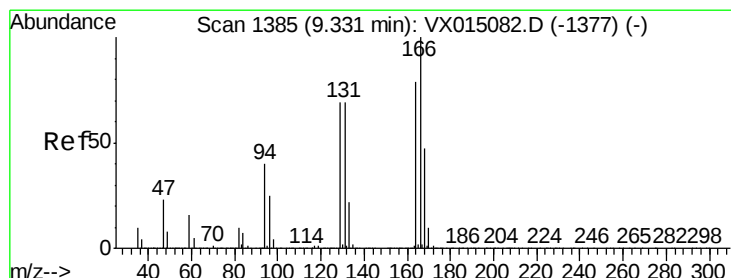
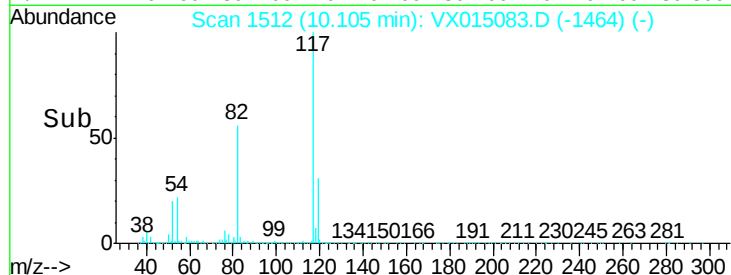
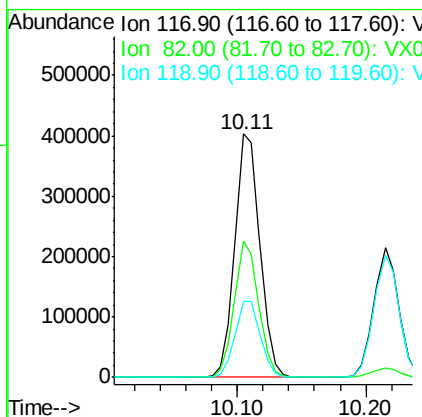
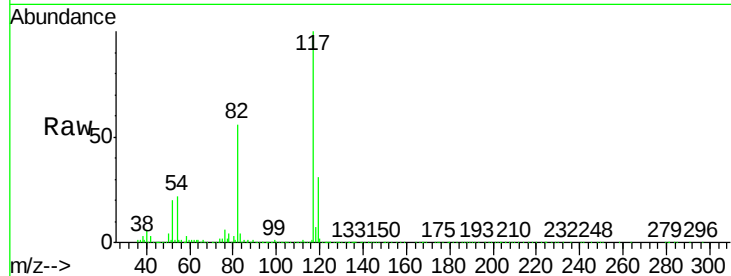
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	547544		
82	55.8	43.3	64.9	
119	31.4	25.8	38.8	

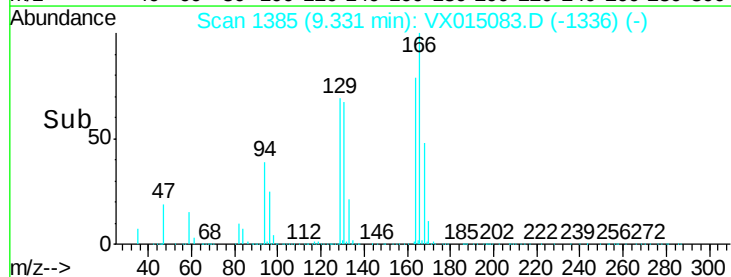
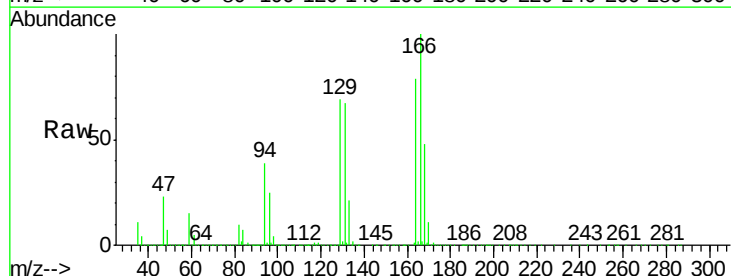
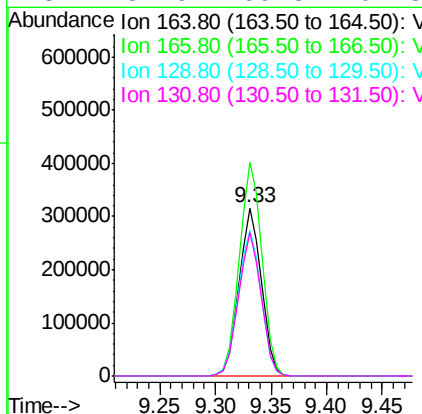
Manual Integrations
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#64
Tetrachloroethene
Concen: 96.945 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	438882		
166	127.0	101.1	151.7	
129	87.1	69.4	104.0	
131	84.9	69.8	104.8	





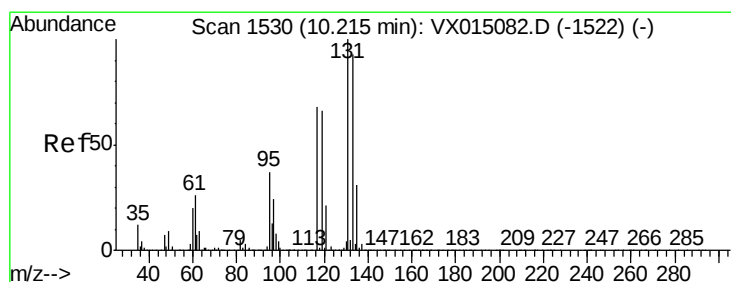
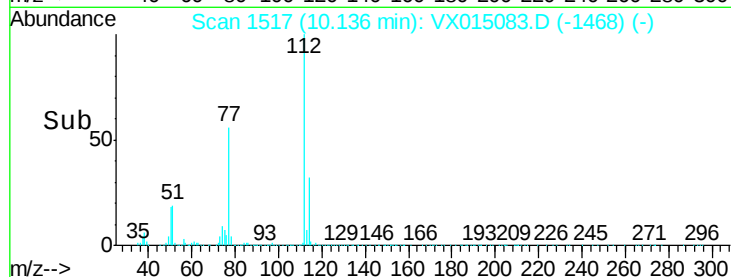
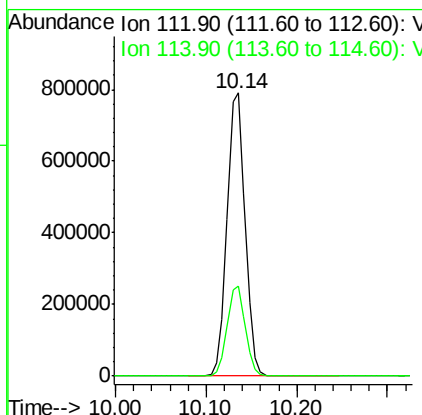
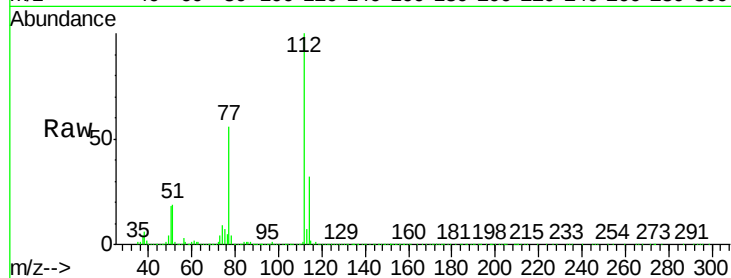
#65
Chlorobenzene
Concen: 99.127 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 1089678
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

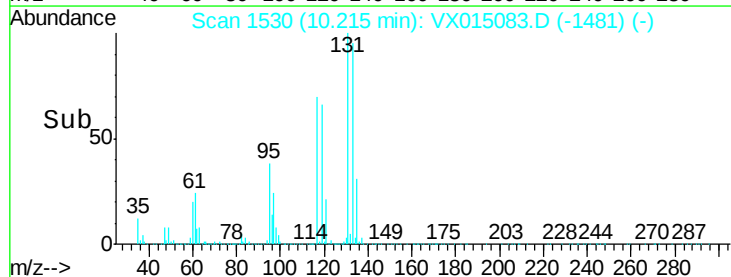
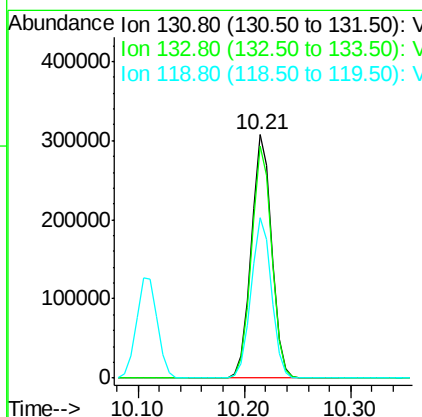
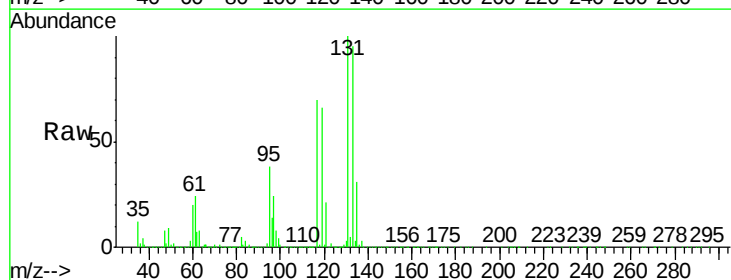
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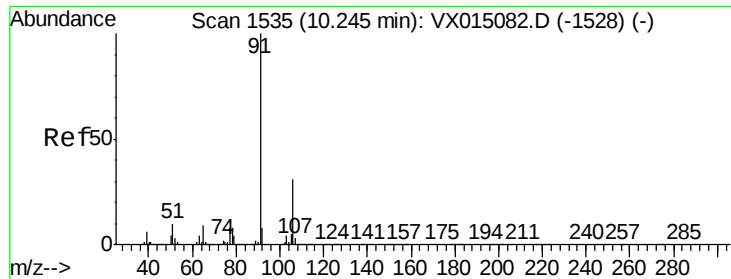
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#66
1,1,1,2-Tetrachloroethane
Concen: 99.719 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion:131 Resp: 413342
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.5
119 65.8 33.4 100.1





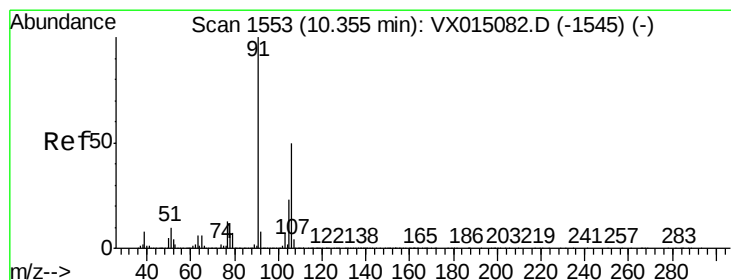
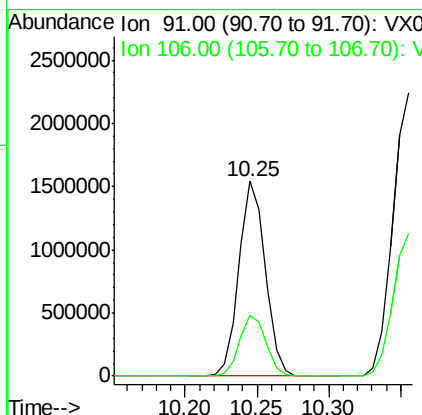
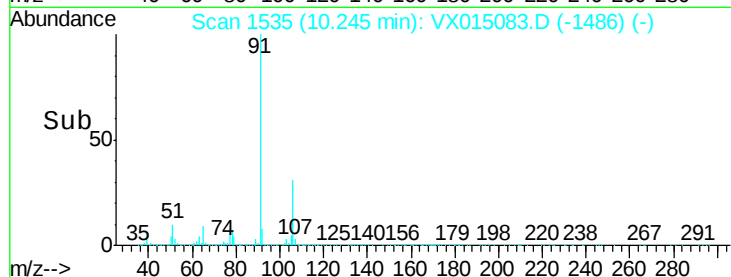
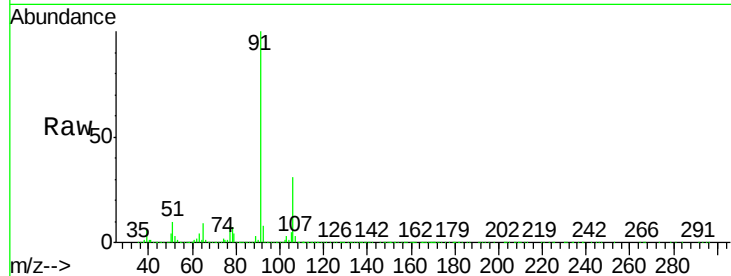
#67
Ethyl Benzene
Concen: 105.121 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1962274
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

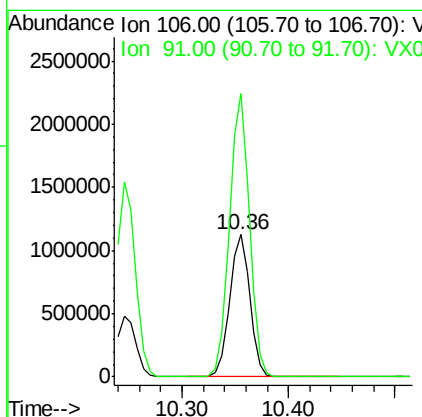
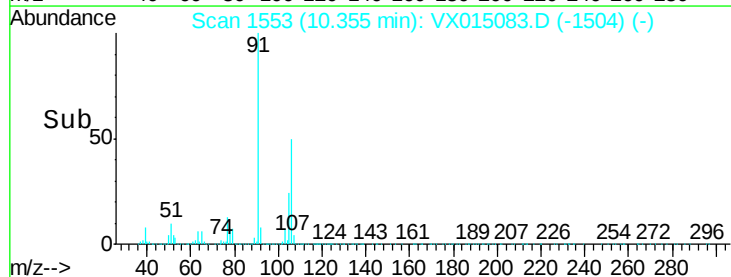
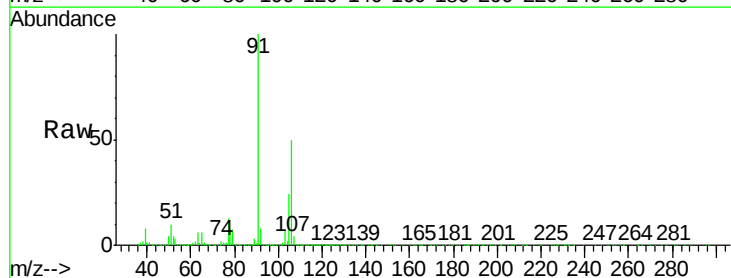
Manual Integrations
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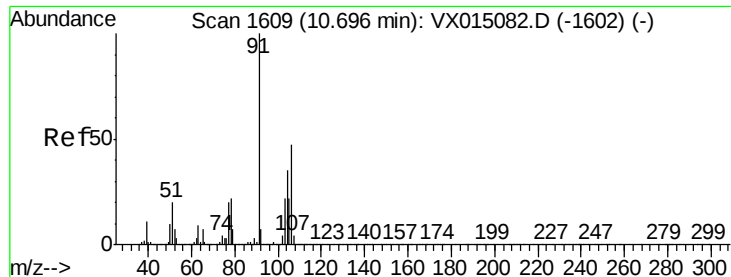
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#68
m/p-Xylenes
Concen: 210.051 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion: 106 Resp: 1491791
Ion Ratio Lower Upper
106 100
91 197.6 159.4 239.2





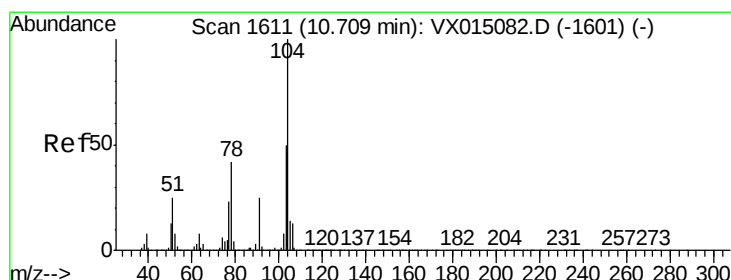
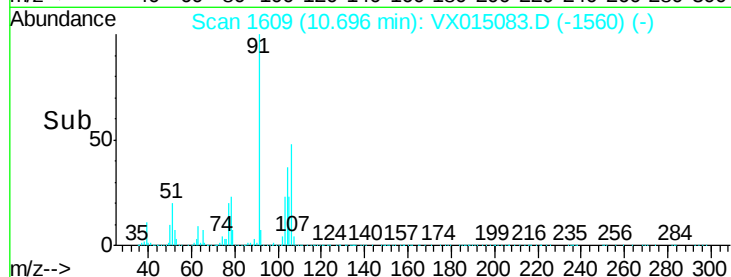
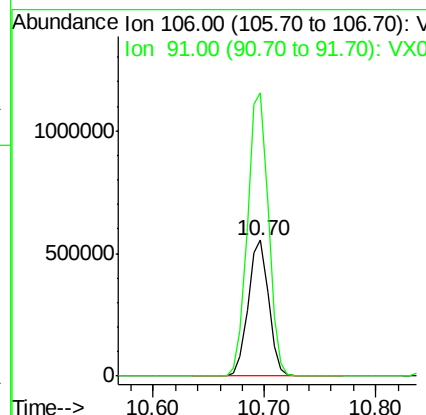
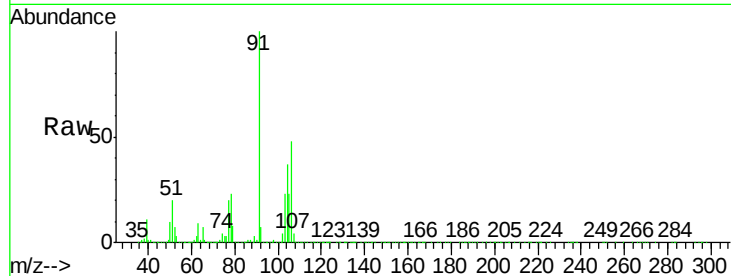
#69
o-Xylene
Concen: 103.864 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 706252
Ion Ratio Lower Upper
106 100
91 212.6 105.4 316.1

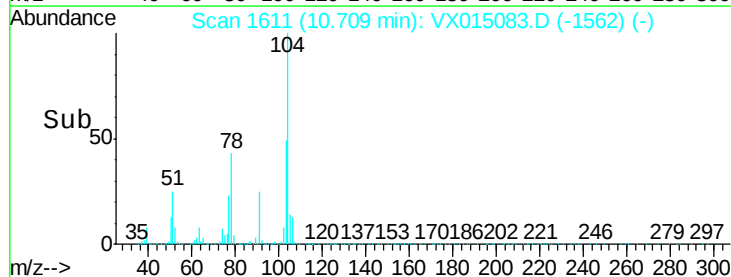
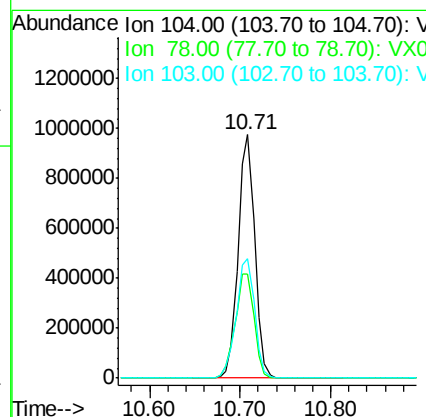
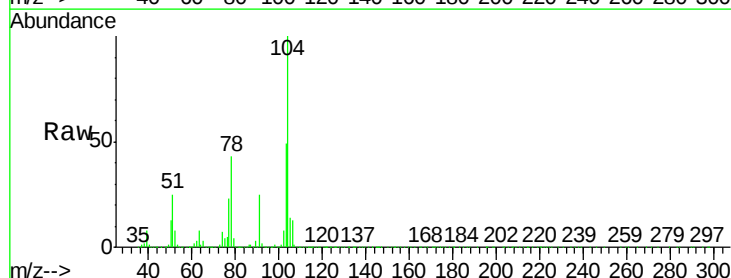
Manual Integrations
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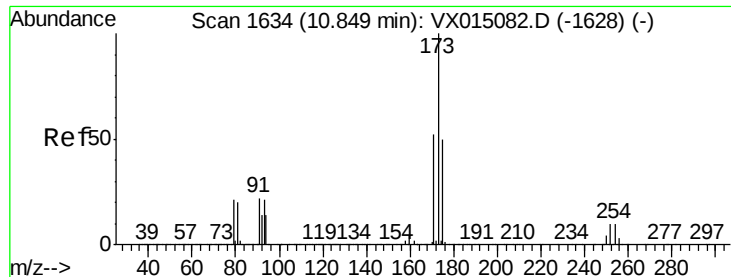
MMDadoda
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#70
Styrene
Concen: 106.270 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion:104 Resp: 1239001
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 54.5 43.7 65.5





#71

Bromoform

Concen: 107.114 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

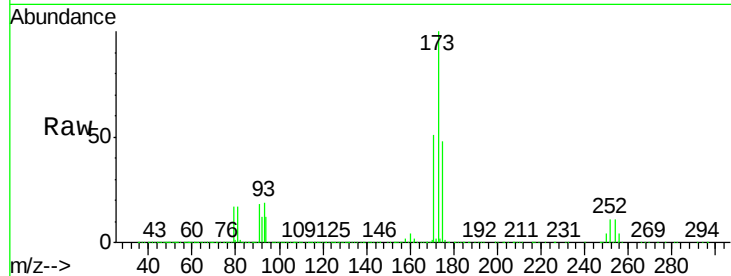
ClientSampled :

VSTDIC100

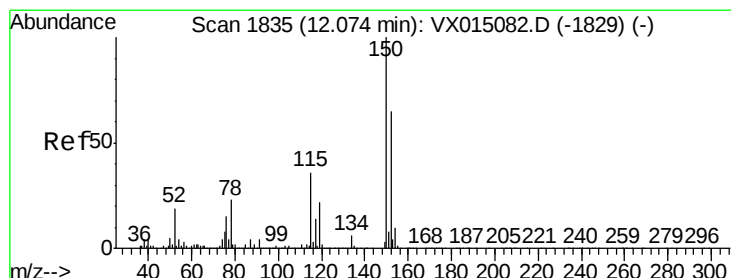
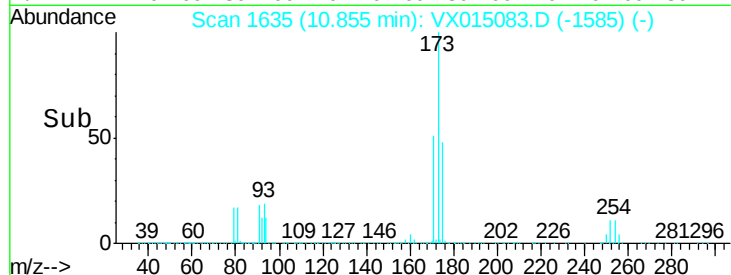
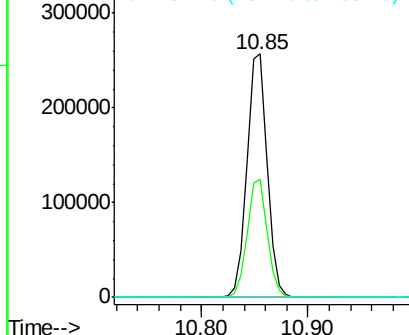
Tot Ion:	173	Resp:	344303
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.9	74.7
254	0.2	0.2	0.2

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

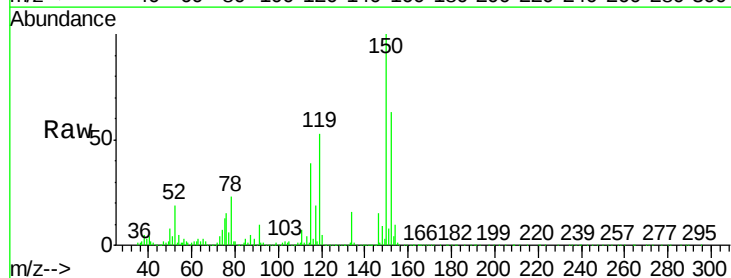
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

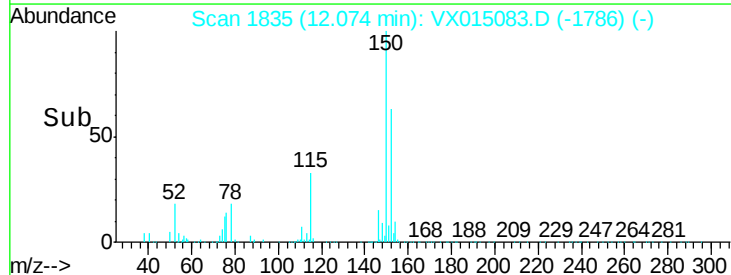
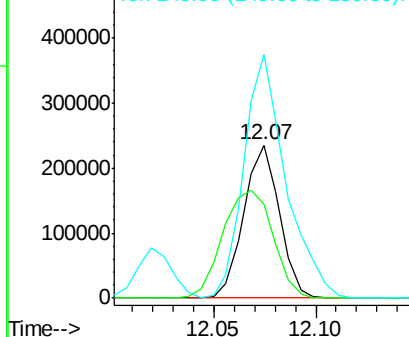
Lab File: VX015083.D

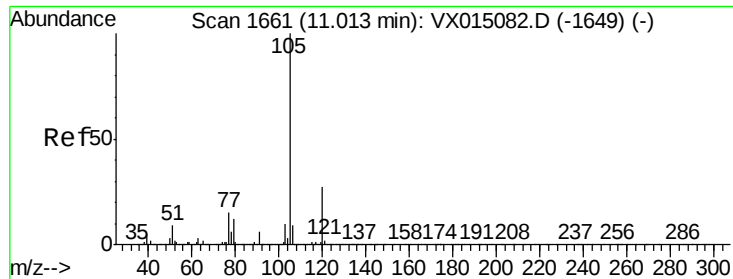
Acq: 04 Mar 2020 10:09

Tgt Ion:	152	Resp:	285364
Ion Ratio	Lower	Upper	
152	100		
115	98.8	38.2	114.6
150	188.2	0.0	343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 103.831 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1892770

Ion Ratio Lower Upper

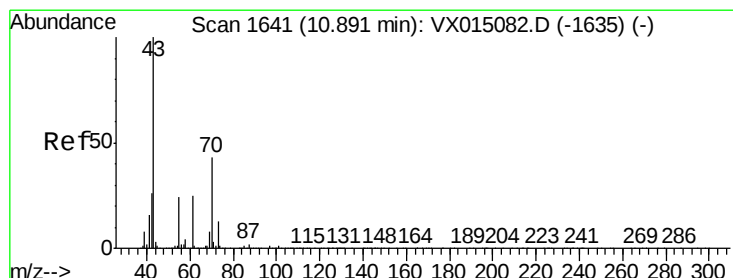
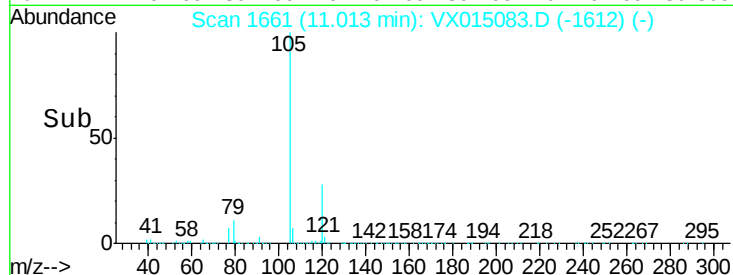
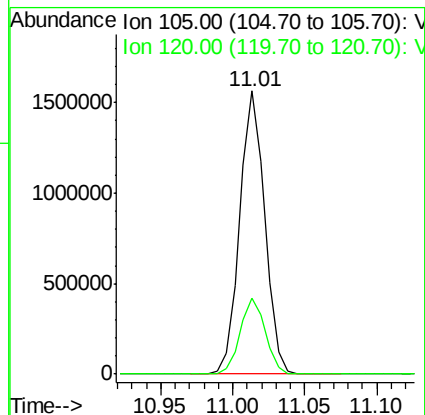
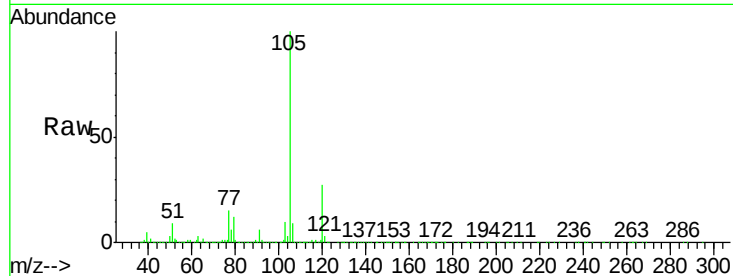
105 100

120 27.1 13.5 40.5

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#74

N-ethyl acetate

Concen: 107.443 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion: 43 Resp: 825422

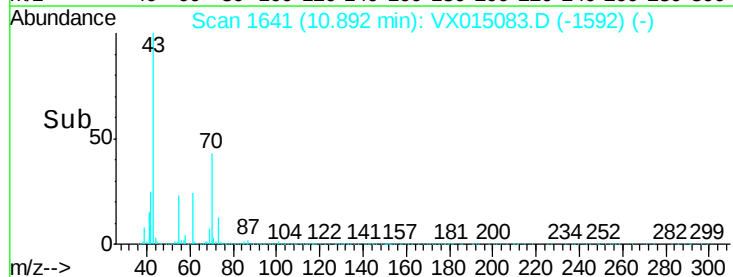
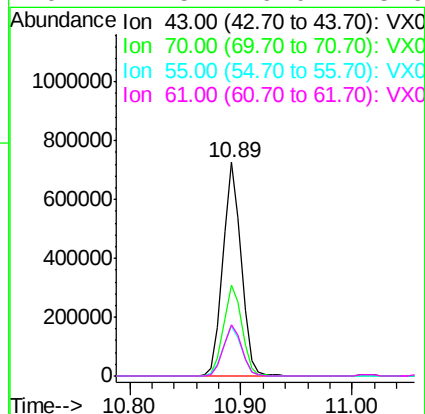
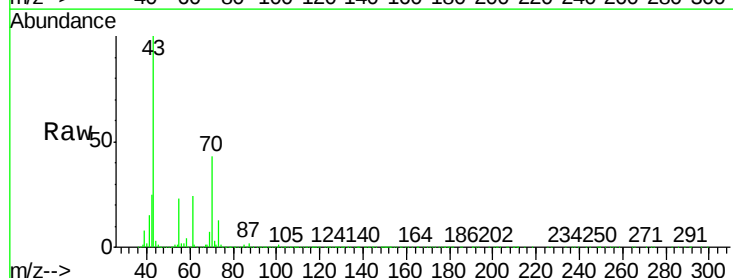
Ion Ratio Lower Upper

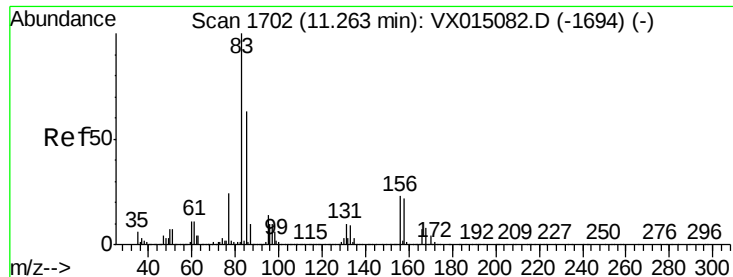
43 100

70 43.0 34.7 52.1

55 23.9 19.4 29.0

61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 96.427 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

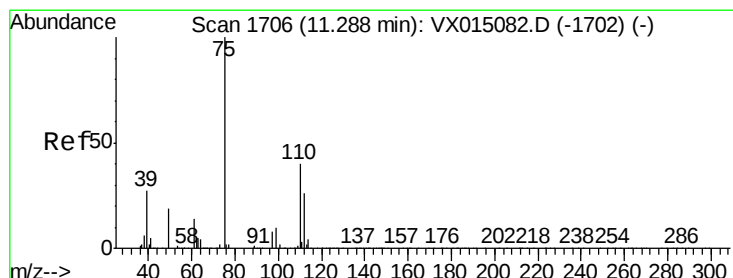
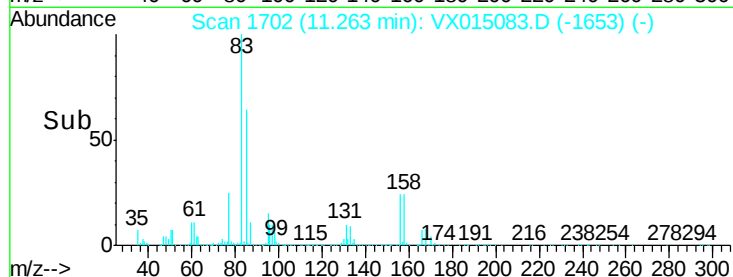
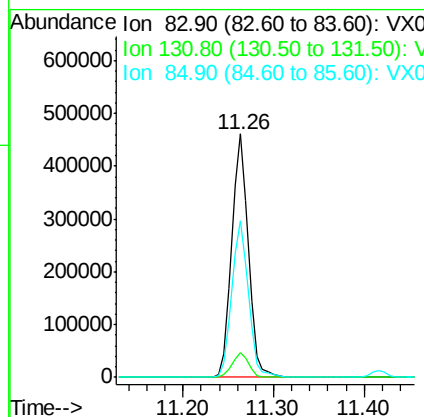
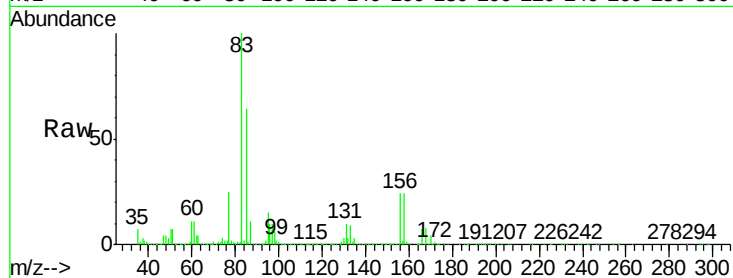
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	585810
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	14.9
85	64.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 100.473 ug/l m

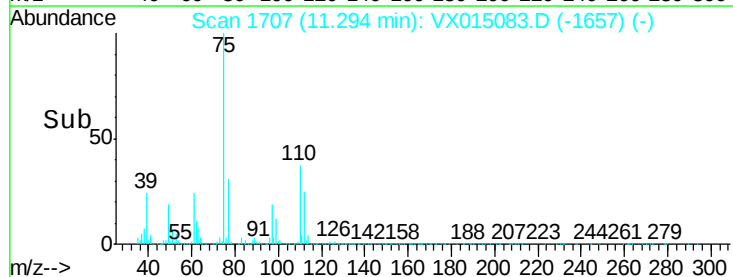
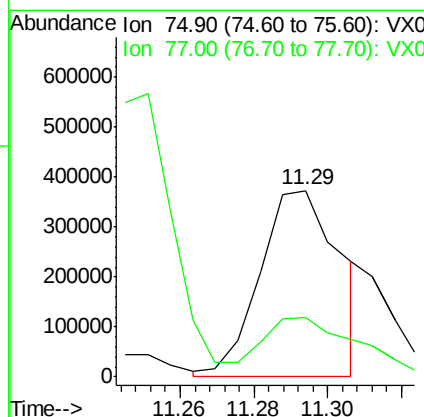
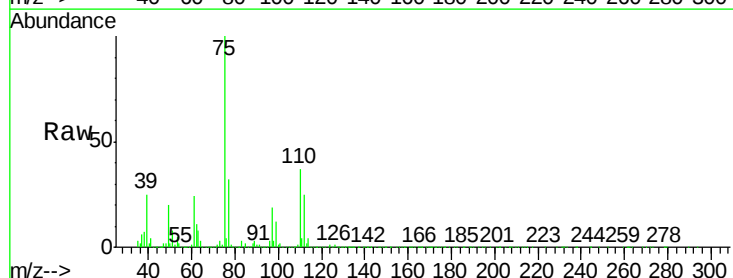
RT: 11.29 min Scan# 1707

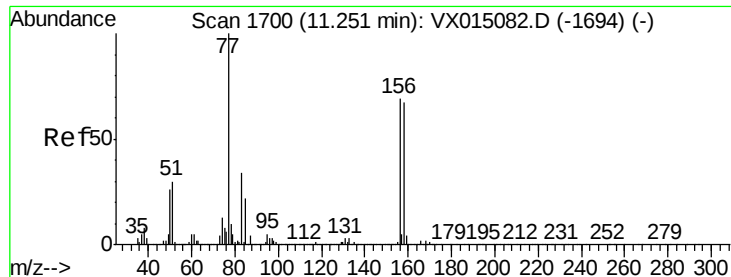
Delta R.T. 0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion:	75	Resp:	562681
Ion Ratio	Lower	Upper	
75	100		
77	37.7	22.6	67.8





#77

Bromobenzene

Concen: 96.908 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

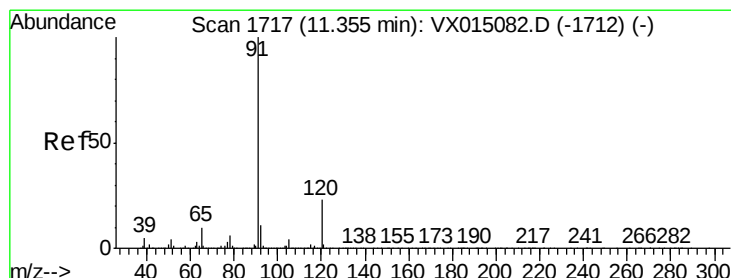
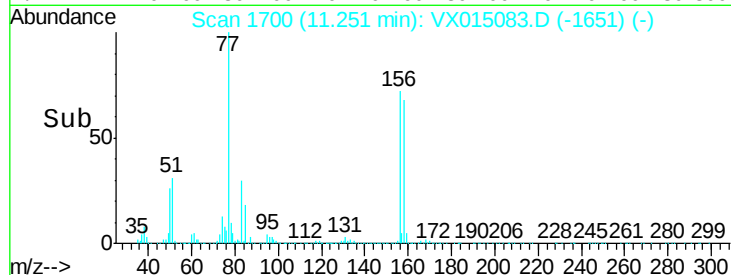
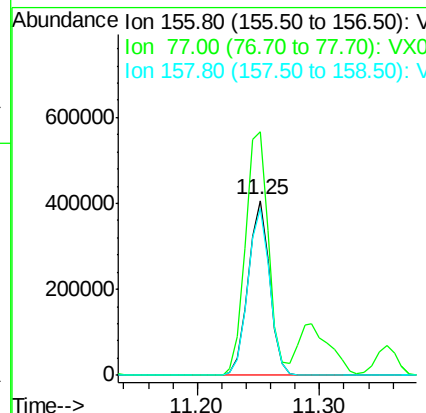
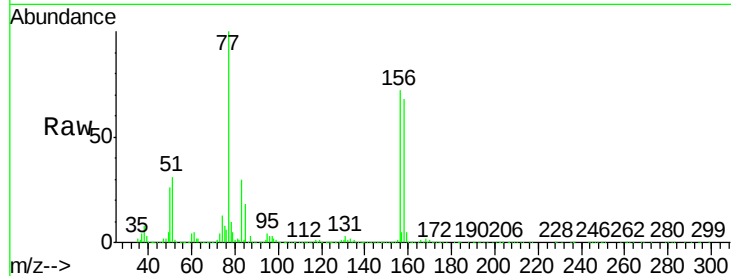
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.8	75.3	225.9
158	97.6	48.5	145.6

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#78

n-propylbenzene

Concen: 104.521 ug/l

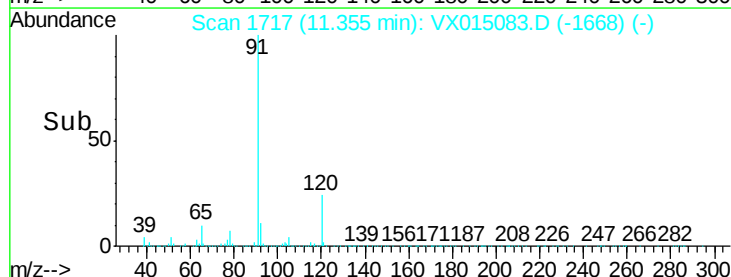
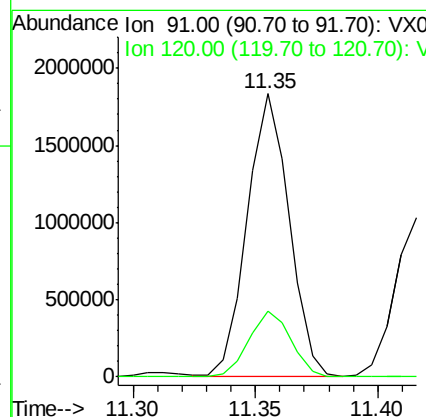
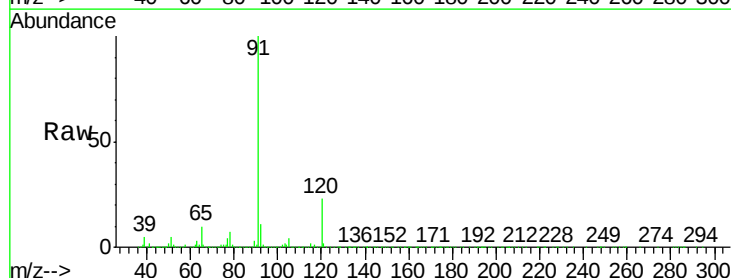
RT: 11.35 min Scan# 1717

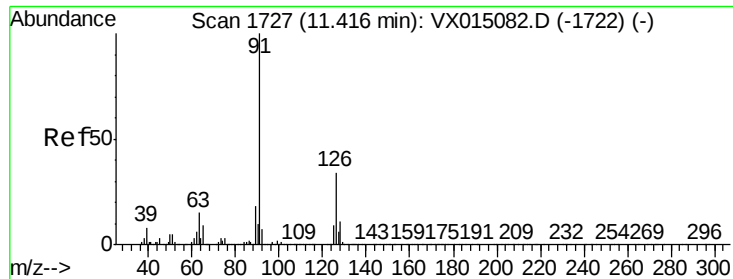
Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.7	35.1





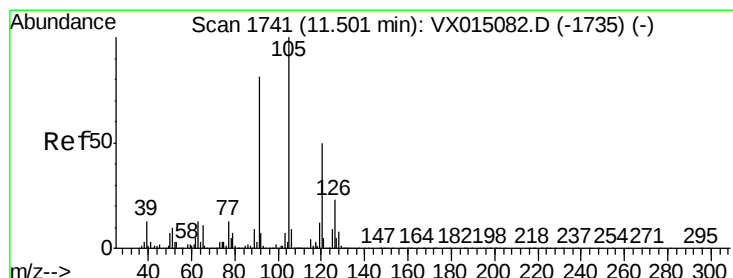
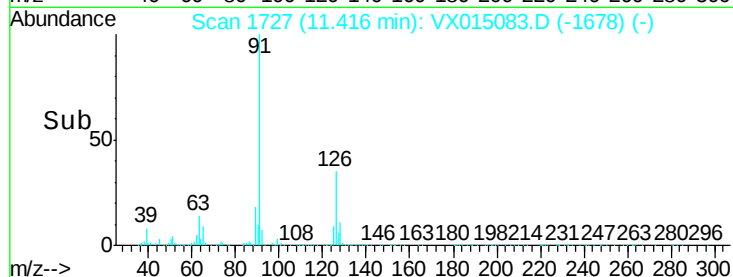
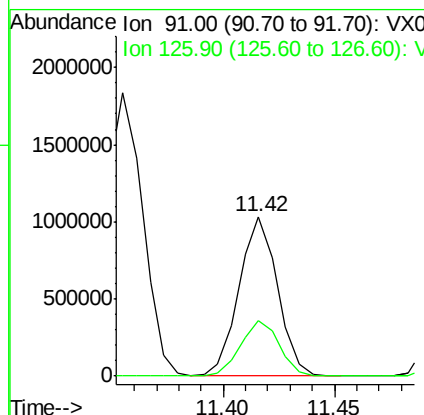
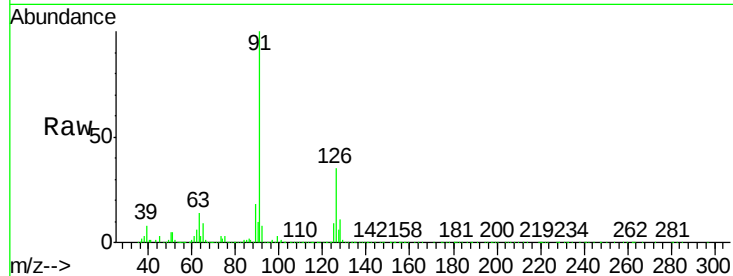
#79
2-Chlorotoluene
Concen: 100.163 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 91 Resp: 1245766
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0

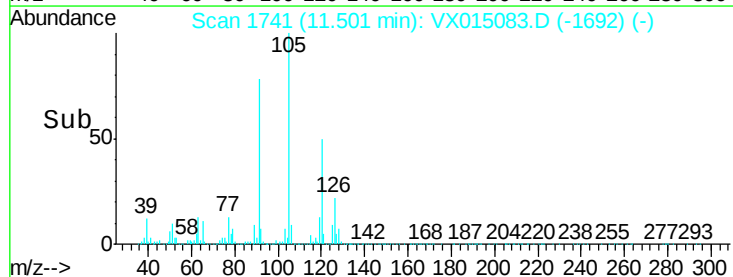
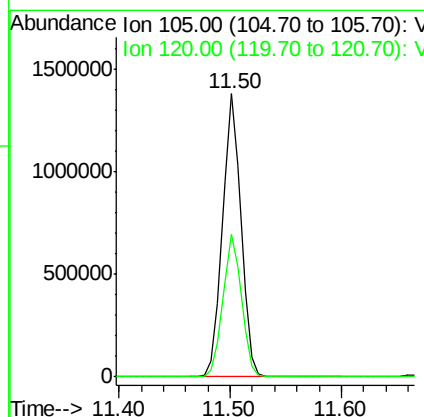
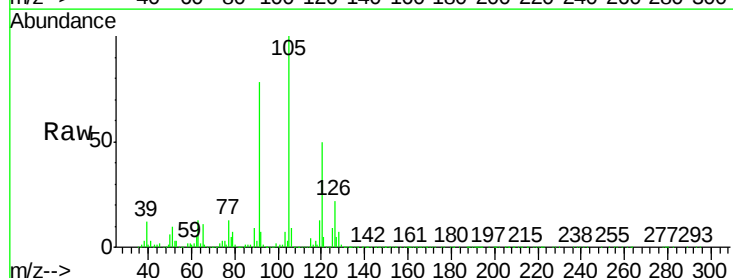
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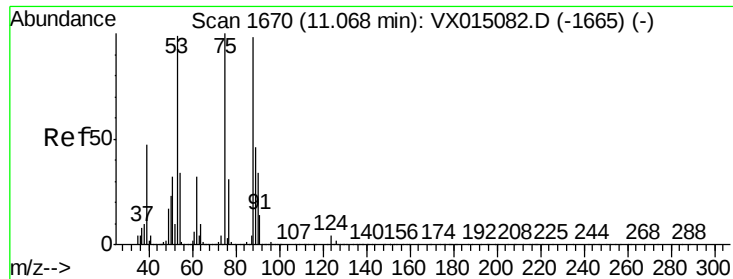
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#80
1,3,5-Trimethylbenzene
Concen: 104.404 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion:105 Resp: 1584340
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.4





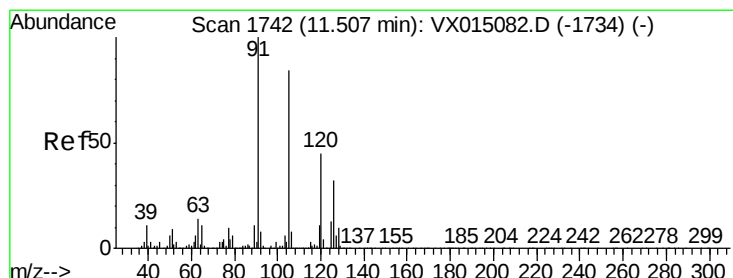
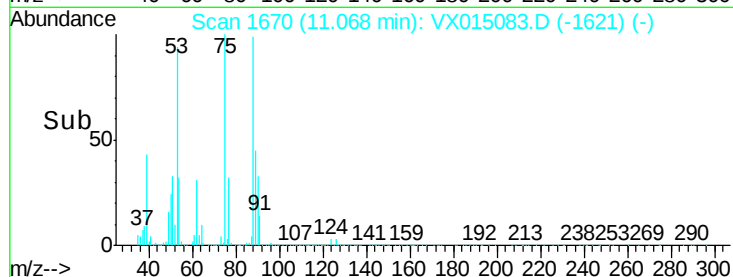
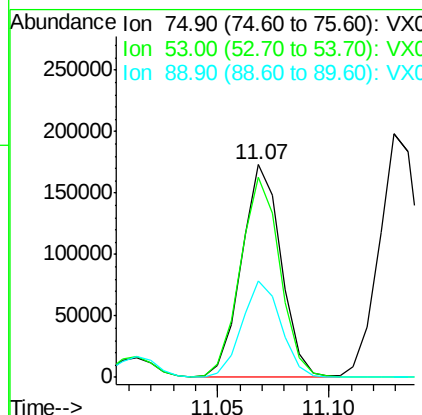
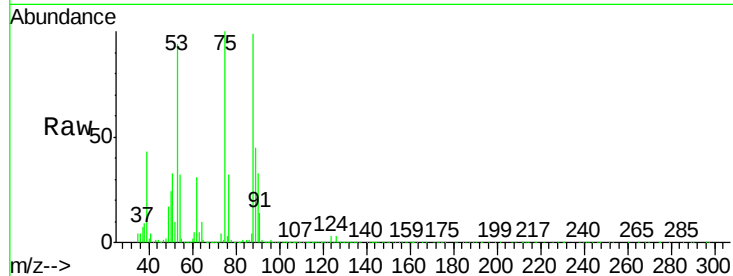
#81
trans-1,4-Dichloro-2-butene
Concen: 106.561 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.0	77.9	116.9
89	45.0	36.2	54.2

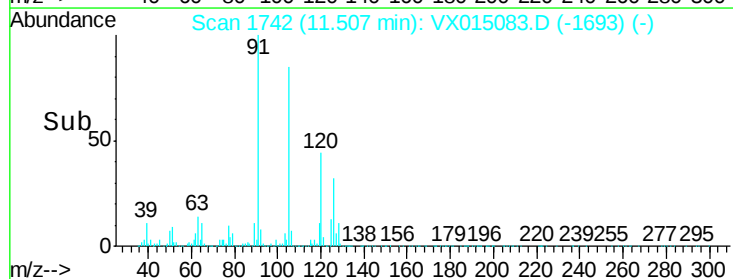
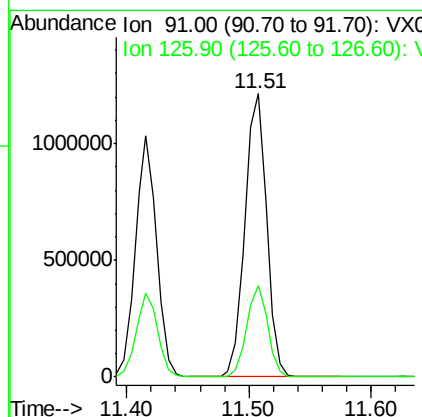
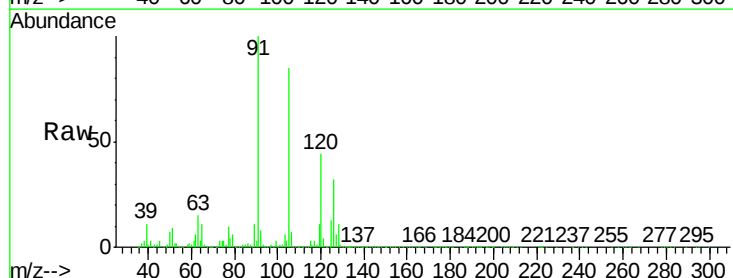
Manual Integrations
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#82
4-Chlorotoluene
Concen: 101.118 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.4	46.2





#83

tert-Butylbenzene

Concen: 103.434 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:119 Resp: 1517709

Ion Ratio Lower Upper

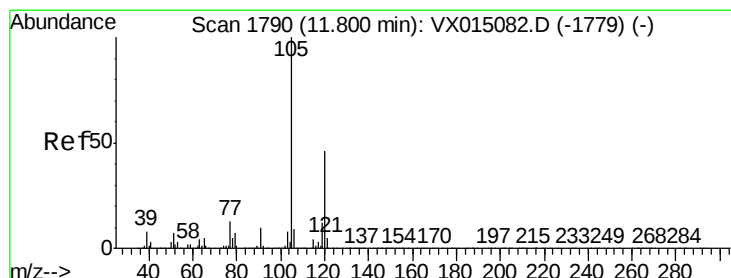
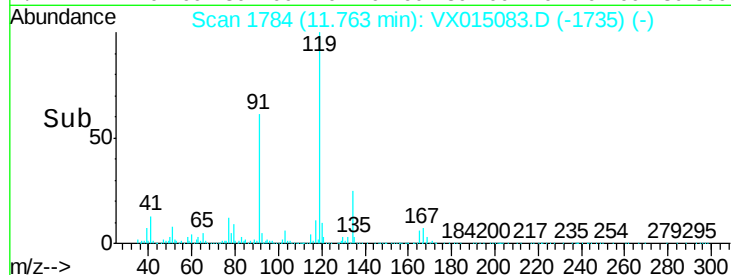
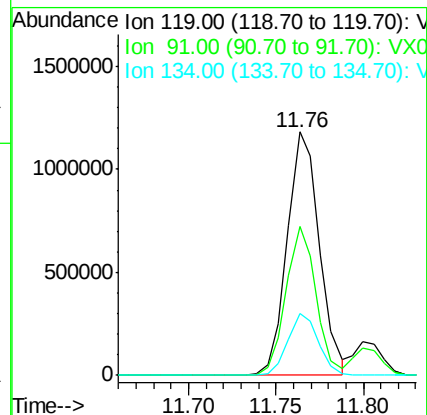
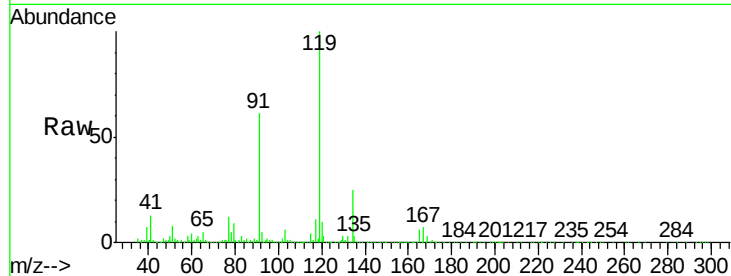
119 100

91 57.3 28.5 85.6

134 24.2 11.9 35.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 104.776 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015083.D

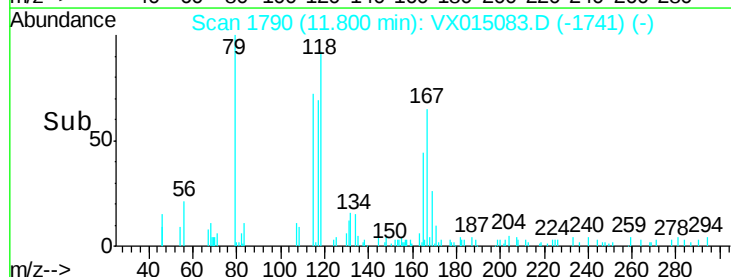
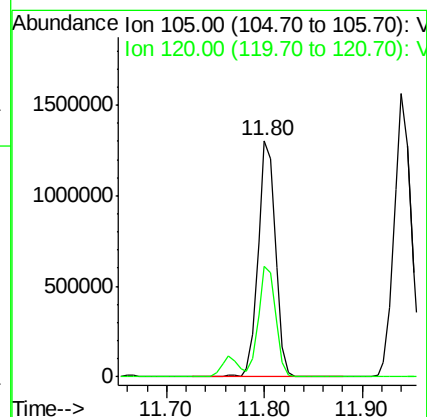
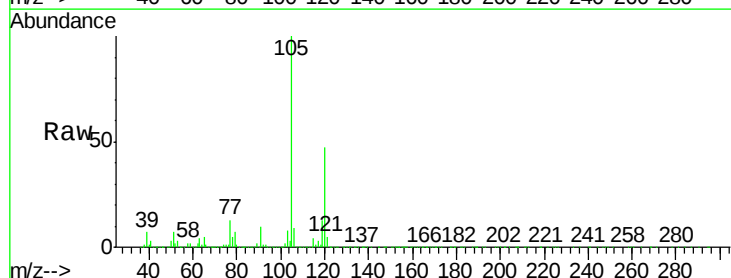
Acq: 04 Mar 2020 10:09

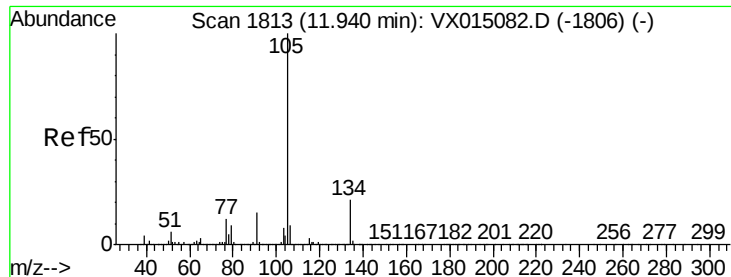
Tgt Ion:105 Resp: 1597310

Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 105.109 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1861811

Ion Ratio Lower Upper

105 100

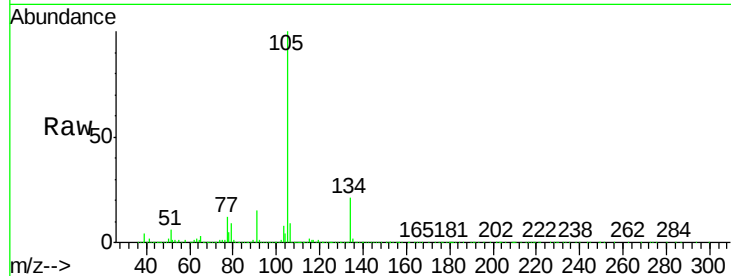
134 20.8 10.4 31.2

Manual Integrations

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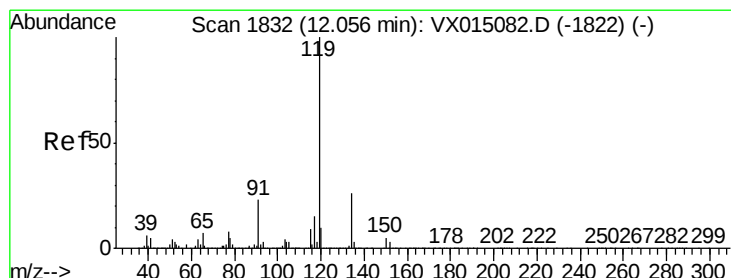
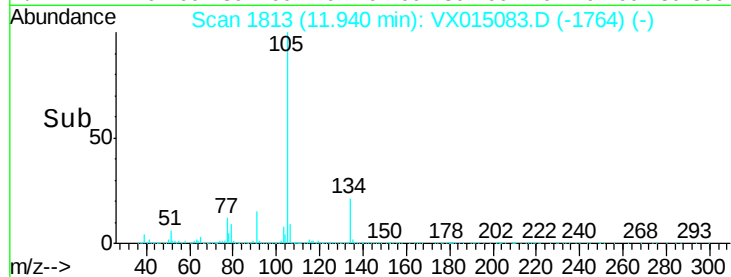
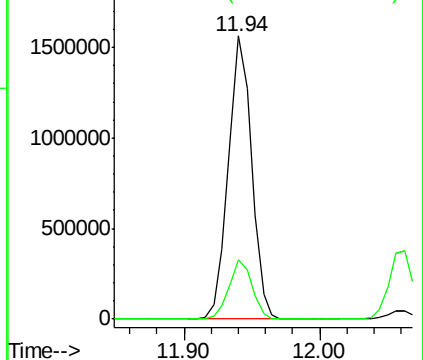
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 105.738 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

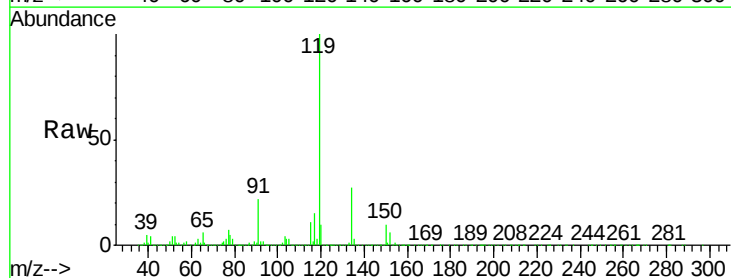
Tgt Ion:119 Resp: 1725595

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

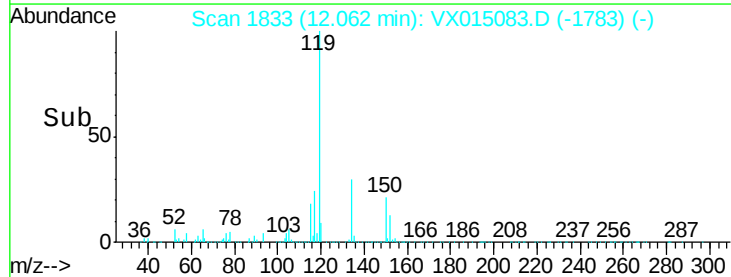
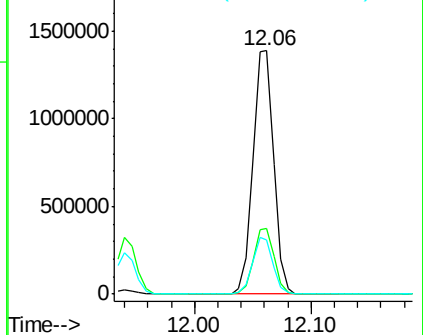
91 22.7 11.3 33.8

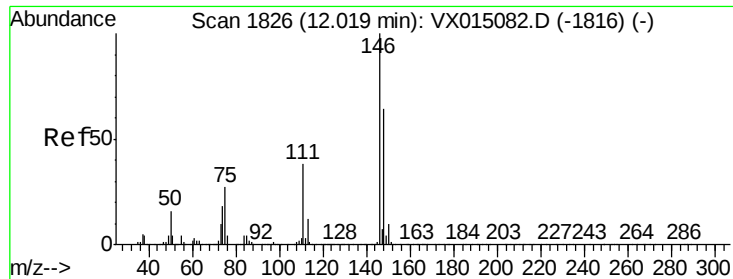


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 99.227 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

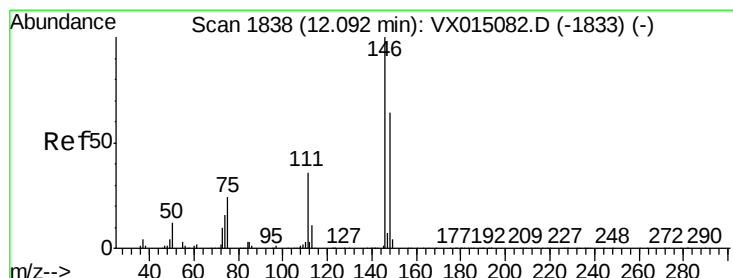
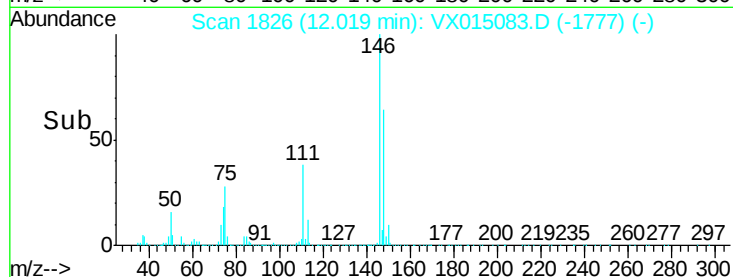
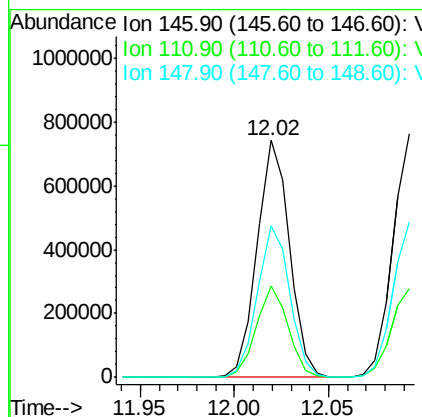
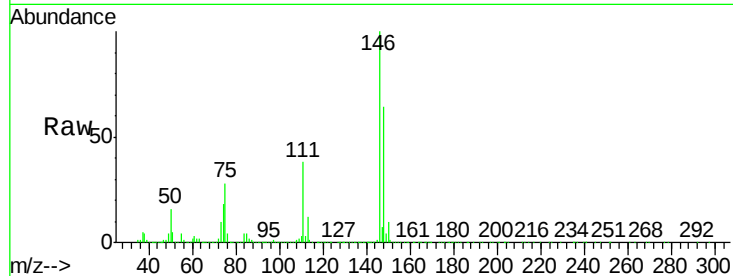
Instrument :
MSVOA_X

ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	64.1	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 98.266 ug/l

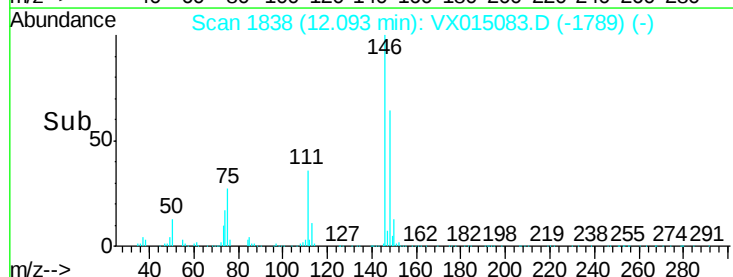
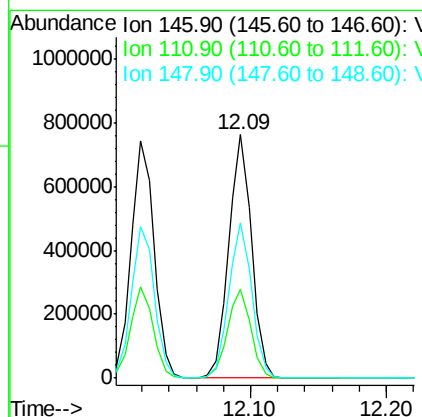
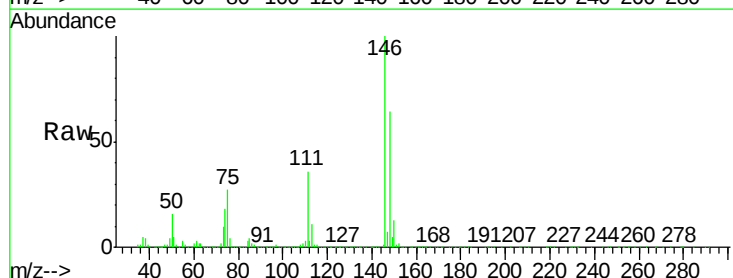
RT: 12.09 min Scan# 1838

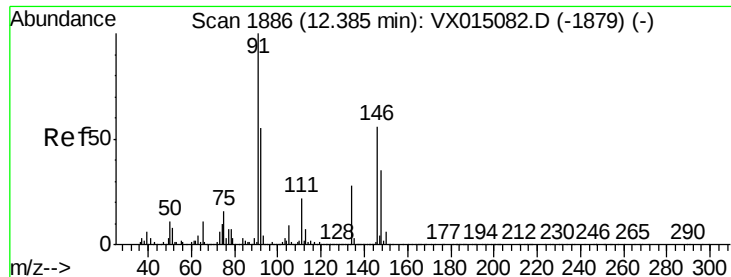
Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.2	32.5	97.4





#89

n-Butylbenzene

Concen: 109.907 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1595254

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

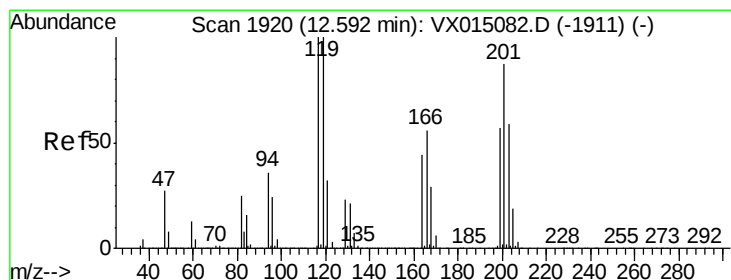
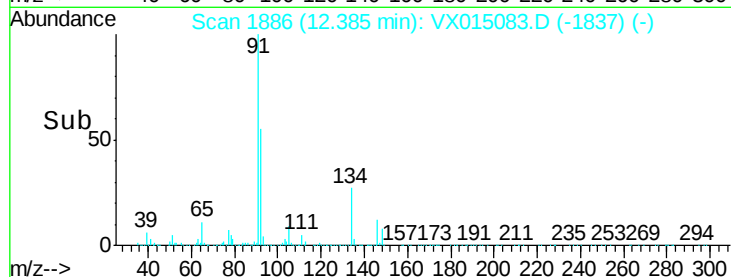
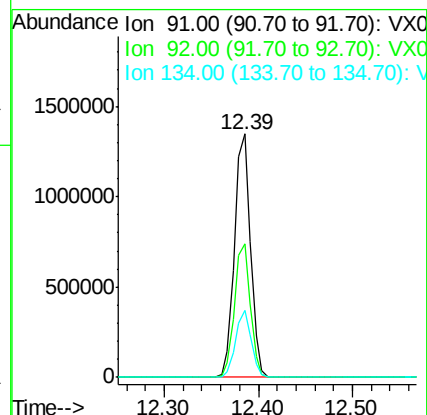
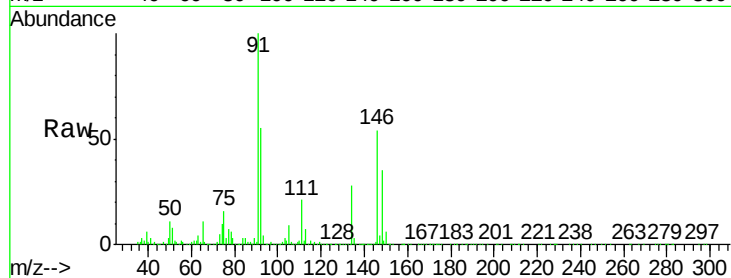
134 26.7 13.5 40.5

Manual Integrations

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#90

Hexachloroethane

Concen: 103.146 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015083.D

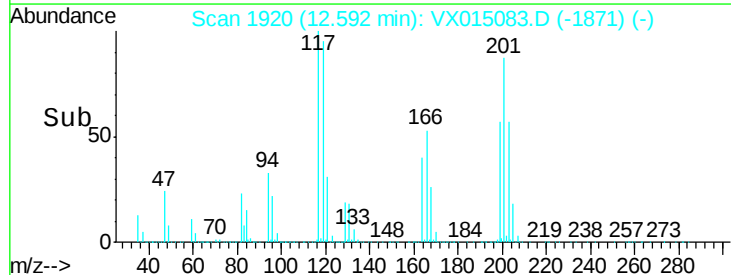
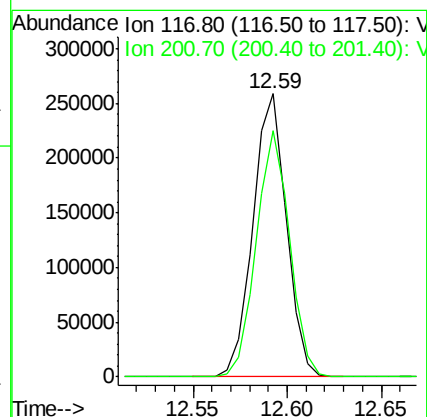
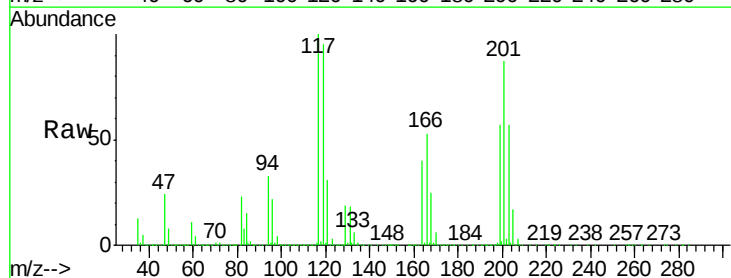
Acq: 04 Mar 2020 10:09

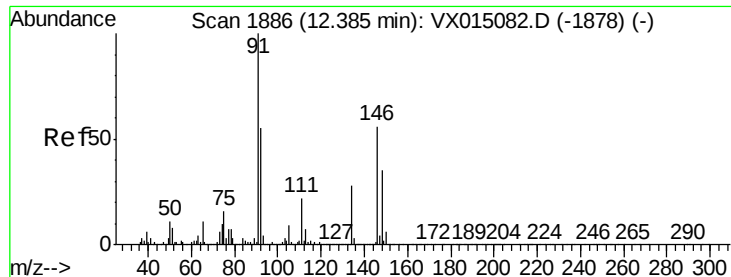
Tgt Ion: 117 Resp: 318231

Ion Ratio Lower Upper

117 100

201 86.9 43.5 130.7





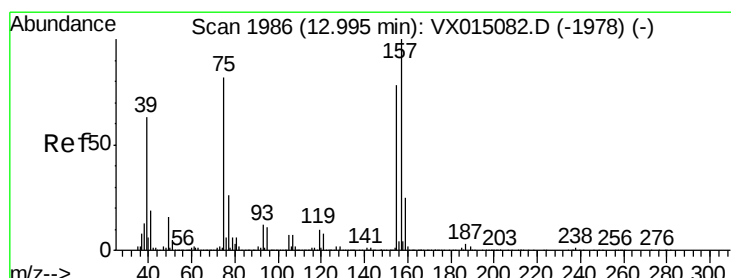
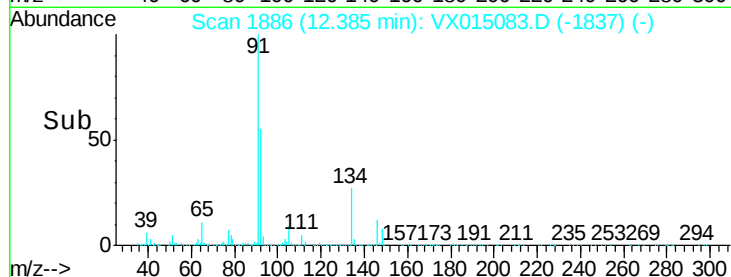
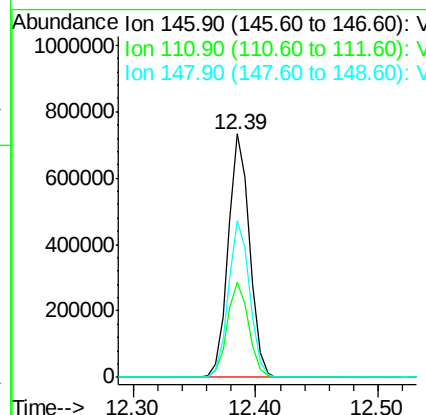
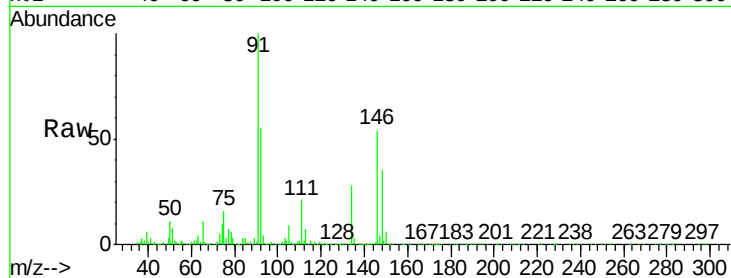
#91
 1,2-Dichlorobenzene
 Concen: 99.078 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.9	32.3	96.8

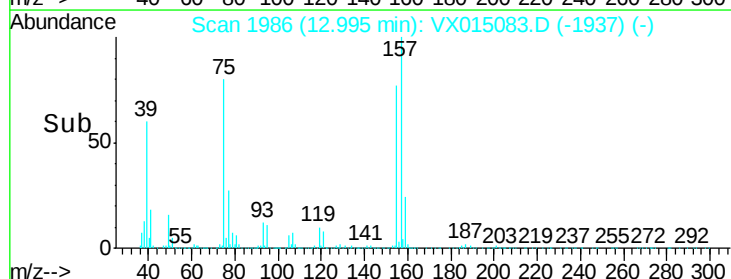
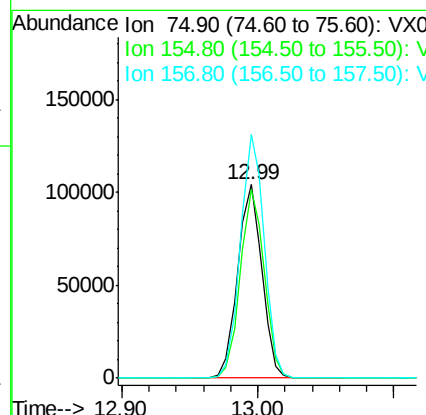
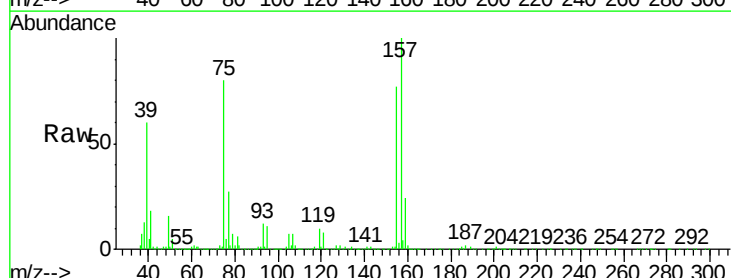
Manual Integrations
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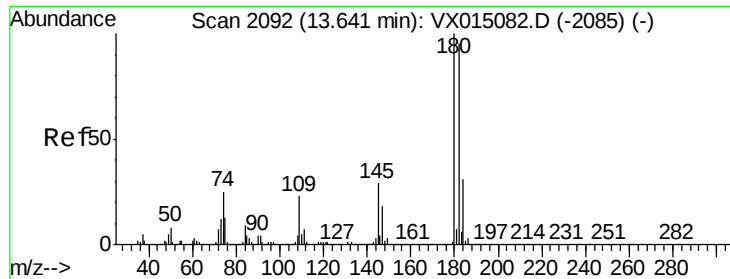
MMDadoda
 3/5/2020 12:32:35 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 105.933 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	46.6	139.7
157	124.5	59.2	177.5





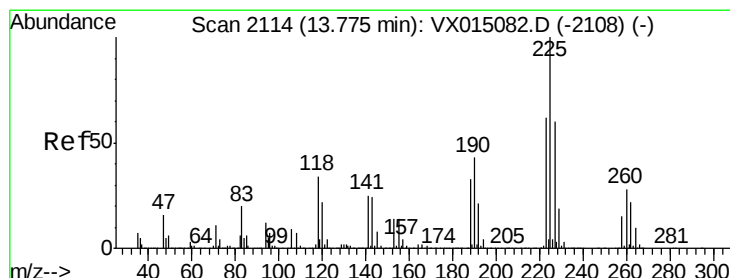
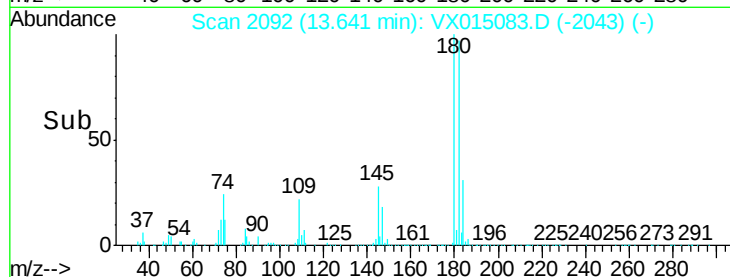
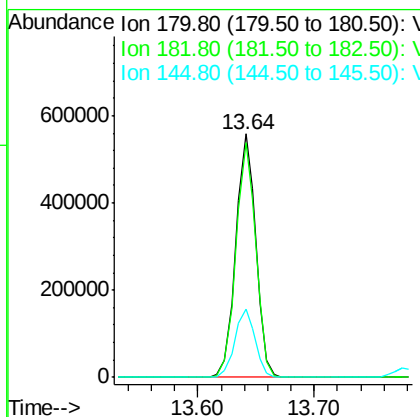
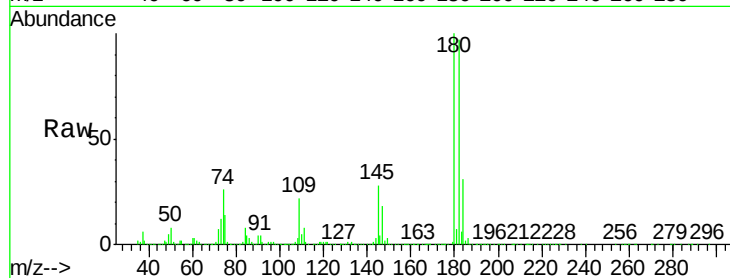
#93
 1,2,4-Trichlorobenzene
 Concen: 108.603 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	669359		
182	95.9	47.6	142.8	
145	28.3	14.1	42.2	

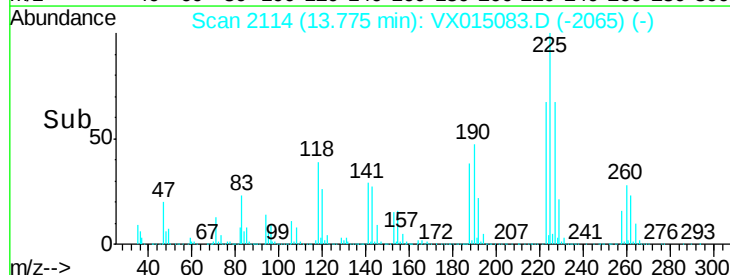
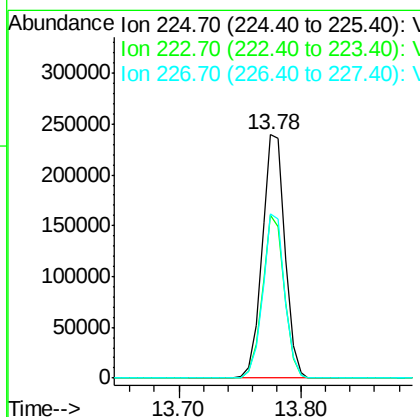
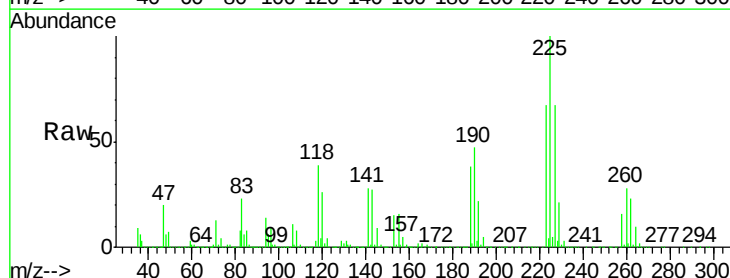
Manual Integrations
 APPROVED

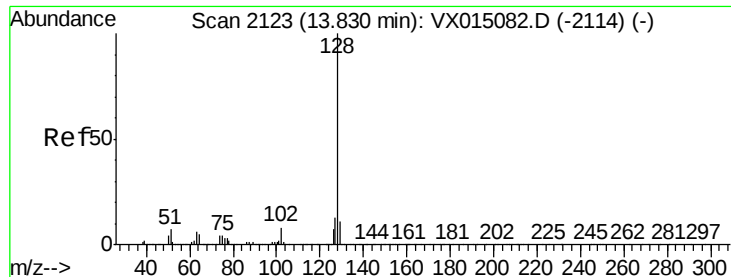
MMDadoda
 3/5/2020 12:32:35 PM



#94
 Hexachlorobutadiene
 Concen: 98.041 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	310074		
223	64.3	31.3	93.9	
227	64.5	31.1	93.2	





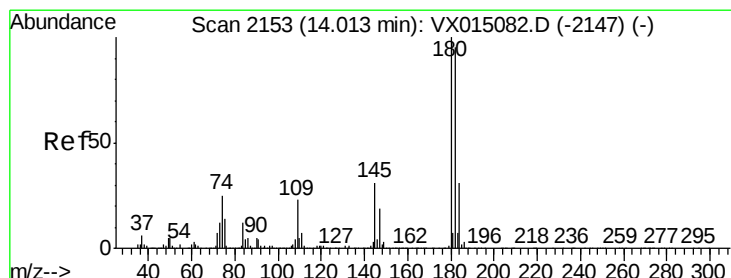
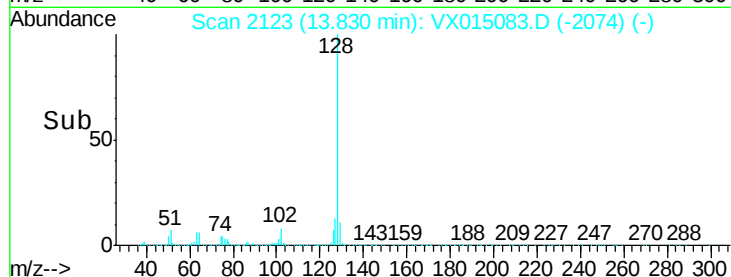
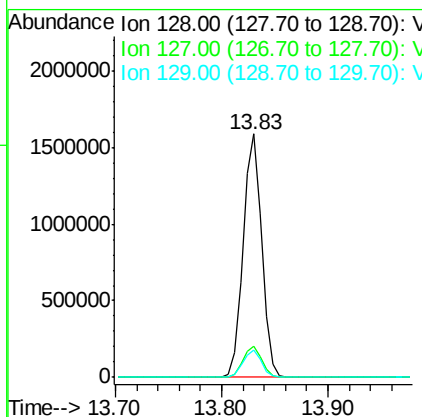
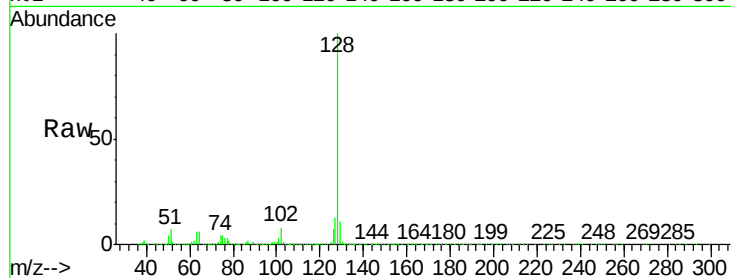
#95
Naphthalene
Concen: 115.263 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 108.269 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.4
145	29.8	15.1	45.3

