

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015084.D
 Acq On : 04 Mar 2020 10:32
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:39 PM

Quant Time: Mar 04 13:43:23 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	377705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	585998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	545391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	300001	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	674728	150.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.16%	
35) Dibromofluoromethane	5.49	113	559779	151.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.84%	
50) Toluene-d8	8.71	98	2137516	152.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.00%	
62) 4-Bromofluorobenzene	11.14	95	813143	162.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	491899	148.725	ug/l	100
3) Chloromethane	1.31	50	675615	144.205	ug/l	100
4) Vinyl Chloride	1.40	62	680733	143.292	ug/l	98
5) Bromomethane	1.63	94	432496	148.082	ug/l	99
6) Chloroethane	1.70	64	403304	141.522	ug/l	98
7) Trichlorofluoromethane	1.92	101	813901	143.983	ug/l	98
8) Diethyl Ether	2.18	74	371667	143.642	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	502457	141.280	ug/l	98
10) Methyl Iodide	2.50	142	647364	161.114	ug/l	100
11) Tert butyl alcohol	3.06	59	623947	802.558	ug/l	100
12) 1,1-Dichloroethene	2.36	96	529129	144.159	ug/l	98
13) Acrolein	2.28	56	537290	735.391	ug/l	100
14) Allyl chloride	2.72	41	982640	153.538	ug/l	99
15) Acrylonitrile	3.14	53	1505999	777.828	ug/l	99
16) Acetone	2.44	43	1262993	695.973	ug/l	99
17) Carbon Disulfide	2.56	76	1562932	153.331	ug/l	100
18) Methyl Acetate	2.76	43	640802	144.412	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1780861	155.266	ug/l	100
20) Methylene Chloride	2.85	84	600802	141.467	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	588060	150.046	ug/l	98
22) Diisopropyl ether	3.84	45	1942201	152.320	ug/l	98
23) Vinyl Acetate	3.81	43	8402521	801.664	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1061989	150.066	ug/l	99
25) 2-Butanone	4.66	43	2061801	776.065	ug/l	100
26) 2,2-Dichloropropane	4.58	77	853218	151.874	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	671672	152.763	ug/l	100
28) Bromochloromethane	5.01	49	483406	150.009	ug/l	98
29) Tetrahydrofuran	5.11	42	1310556	765.259	ug/l	99
30) Chloroform	5.20	83	1015081	147.166	ug/l	99
31) Cyclohexane	5.57	56	966545	153.121	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	895529	156.625	ug/l	98
36) 1,1-Dichloropropene	5.79	75	810318	149.479	ug/l	100
37) Ethyl Acetate	4.82	43	820001	163.103	ug/l	100
38) Carbon Tetrachloride	5.78	117	780415	152.515	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	987919	156.084	ug/l	98
40) Benzene	6.14	78	2384923	148.294	ug/l	98
41) Methacrylonitrile	5.03	41	459934	164.959	ug/l	99
42) 1,2-Dichloroethane	6.18	62	821440	148.737	ug/l	99
43) Isopropyl Acetate	6.43	43	1401813	158.477	ug/l	100
44) Trichloroethene	7.21	130	664112	148.273	ug/l	97
45) 1,2-Dichloropropane	7.51	63	624293	149.974	ug/l	99
46) Dibromomethane	7.65	93	408454	150.582	ug/l	98
47) Bromodichloromethane	7.89	83	840447	156.688	ug/l	99
48) Methyl methacrylate	7.76	41	701027	155.703	ug/l	100
49) 1,4-Dioxane	7.73	88	293999	3027.355	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	4267422	816.015	ug/l	99
52) Toluene	8.78	92	1503348	152.890	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	955608	166.304	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1038766	160.949	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	603311	149.061	ug/l	98
56) Ethyl methacrylate	9.17	69	996066	172.562	ug/l	98
57) 1,3-Dichloropropane	9.37	76	1023075	150.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	2518157	800.720	ug/l	99
59) 2-Hexanone	9.49	43	3253443	839.406	ug/l	98
60) Dibromochloromethane	9.58	129	678778	159.651	ug/l	100
61) 1,2-Dibromoethane	9.67	107	634709	149.300	ug/l	100
64) Tetrachloroethene	9.33	164	639860	141.897	ug/l	98
65) Chlorobenzene	10.14	112	1661225	151.716	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	618808	149.877	ug/l	100
67) Ethyl Benzene	10.25	91	2919194	157.002	ug/l	99
68) m/p-Xylenes	10.35	106	2281186	322.469	ug/l	98
69) o-Xylene	10.70	106	1095481	161.742	ug/l	99
70) Styrene	10.71	104	1922621	165.556	ug/l	99
71) Bromoform	10.85	173	549338	171.576	ug/l	98
73) Isopropylbenzene	11.01	105	2875486	150.044	ug/l	99
74) N-amyl acetate	10.89	43	1351281	167.311	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	951520	148.983	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	881409m	149.707	ug/l	
77) Bromobenzene	11.25	156	784377	146.864	ug/l	100
78) n-propylbenzene	11.35	91	3379068	154.334	ug/l	99
79) 2-Chlorotoluene	11.42	91	1960322	149.926	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2512245	157.473	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	352946	167.387	ug/l	96
82) 4-Chlorotoluene	11.51	91	2367980	153.291	ug/l	99
83) tert-Butylbenzene	11.76	119	2459699	159.452	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2510975	156.672	ug/l	99
85) sec-Butylbenzene	11.94	105	2908435	156.185	ug/l	100
86) p-Isopropyltoluene	12.06	119	2724874	158.824	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1428238	152.119	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1440611	151.999	ug/l	99
89) n-Butylbenzene	12.39	91	2555219	167.456	ug/l	99
90) Hexachloroethane	12.59	117	508190	156.679	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1431082	153.310	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	208989	163.411	ug/l	95

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VSTDICC150

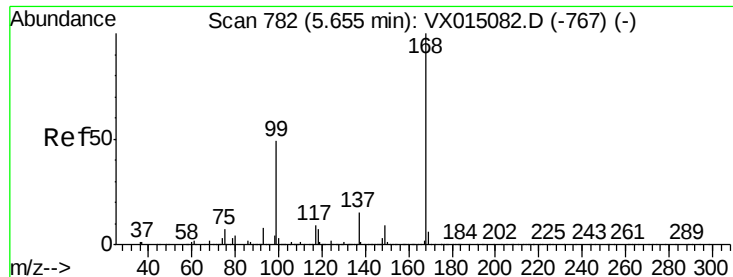
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1055722	162.933	ug/l	99
94) Hexachlorobutadiene	13.77	225	503386	151.398	ug/l	98
95) Naphthalene	13.83	128	3031079	171.142	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1040603	160.964	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 377705

Ion Ratio Lower Upper

168 100

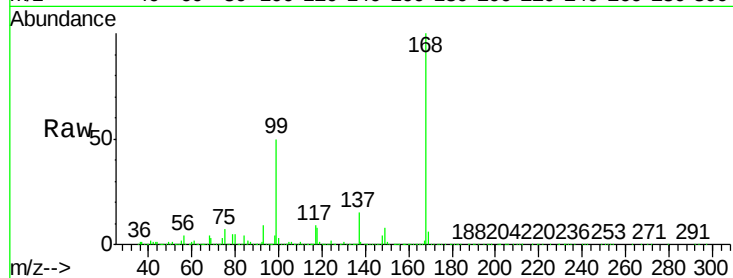
99 49.7 39.4 59.2

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

200000

150000

100000

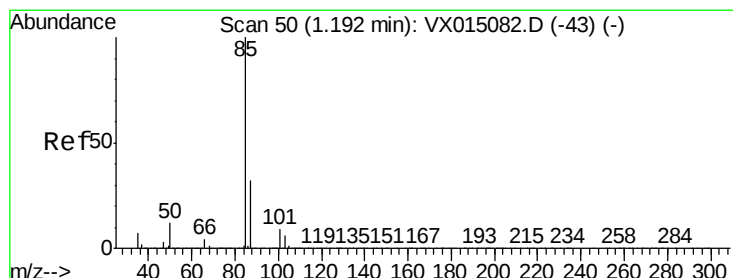
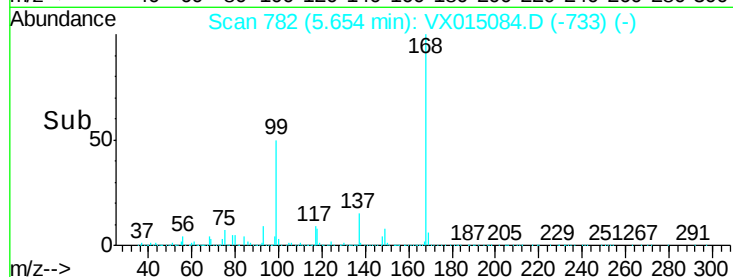
50000

0

5.50 5.60 5.70 5.80

5.65

Time-->



#2

Dichlorodifluoromethane

Concen: 148.725 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015084.D

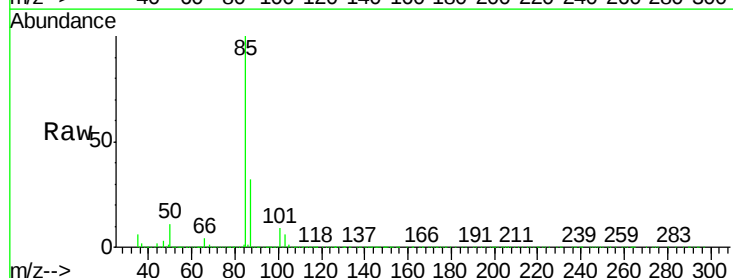
Acq: 04 Mar 2020 10:32

Tgt Ion: 85 Resp: 491899

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

500000

400000

300000

200000

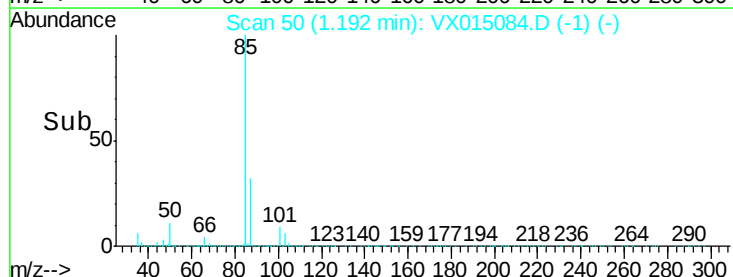
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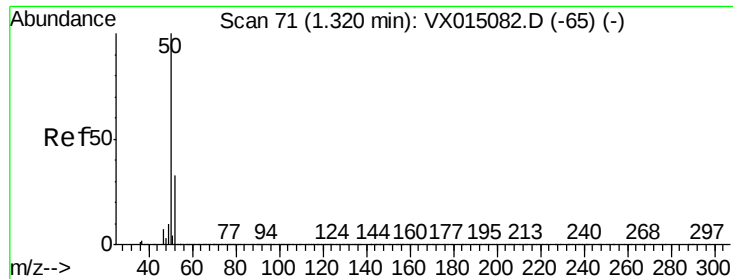
0

1.10 1.15 1.20 1.25 1.30

1.19

Time-->





#3

Chloromethane

Concen: 144.205 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 675615

Ion Ratio Lower Upper

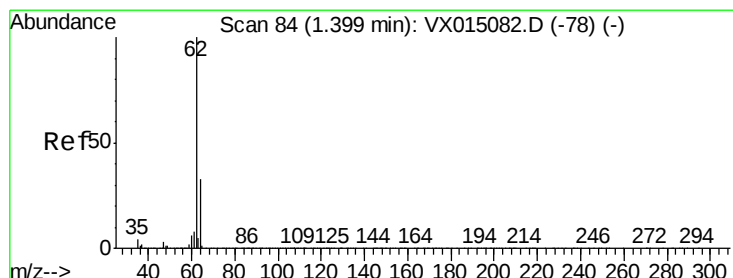
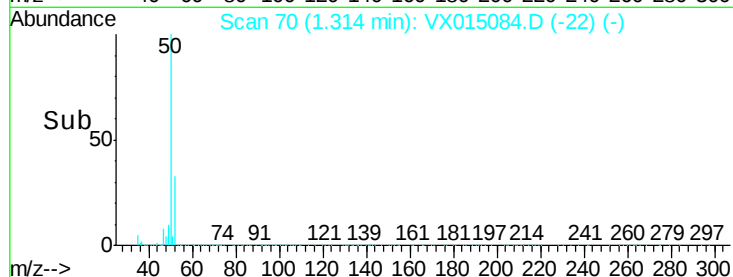
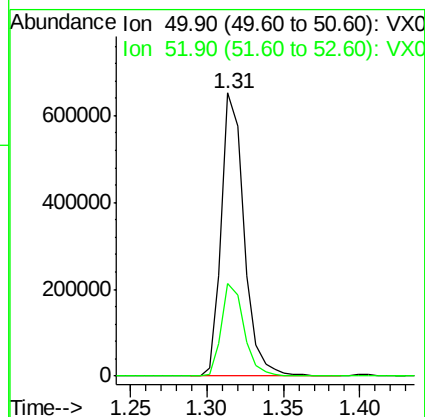
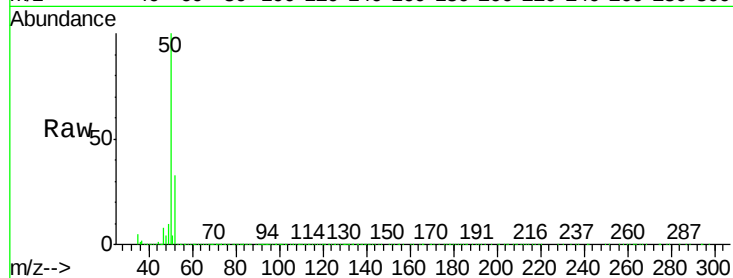
50 100

52 32.9 26.2 39.2

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#4

Vinyl Chloride

Concen: 143.292 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015084.D

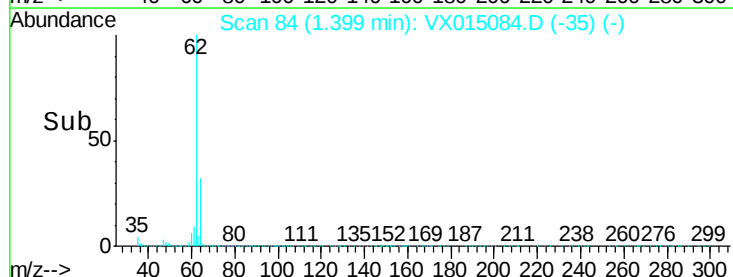
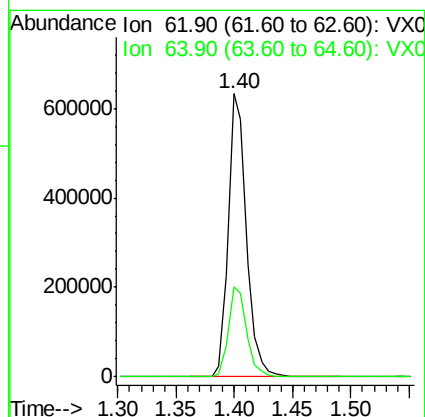
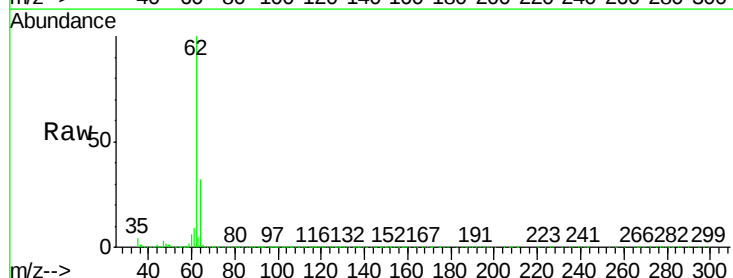
Acq: 04 Mar 2020 10:32

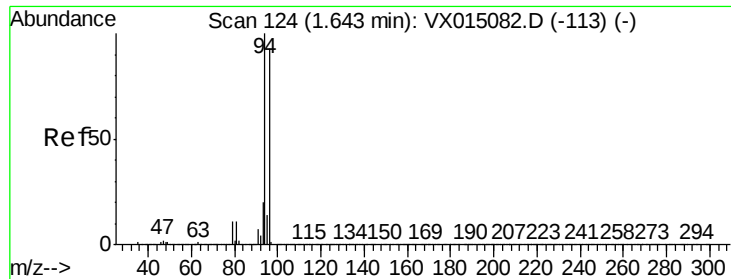
Tgt Ion: 62 Resp: 680733

Ion Ratio Lower Upper

62 100

64 31.6 26.1 39.1





#5

Bromomethane

Concen: 148.082 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 94 Resp: 432496

Ion Ratio Lower Upper

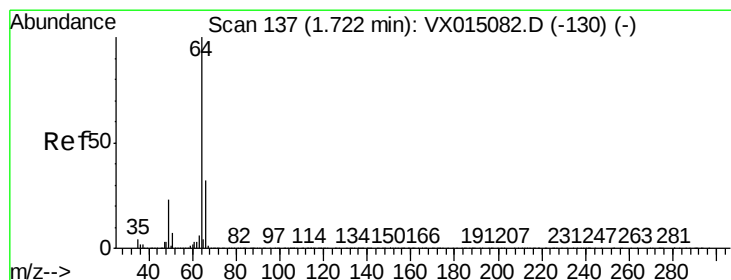
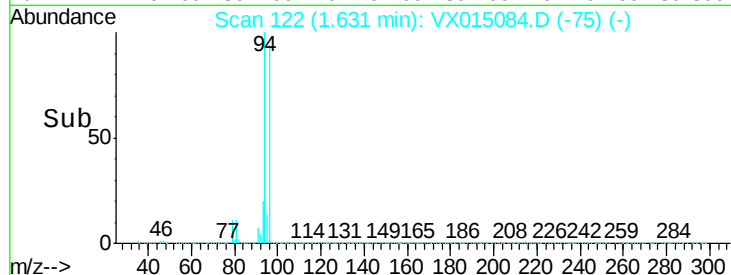
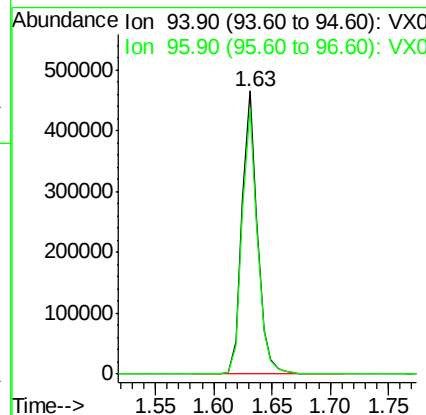
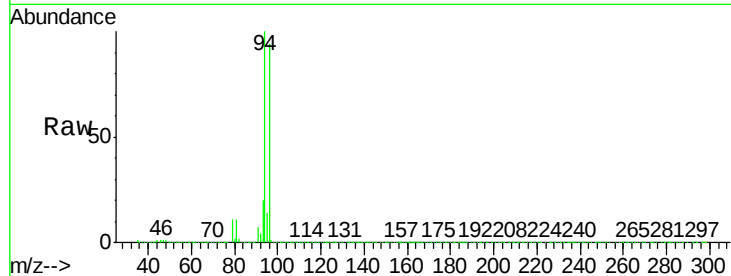
94 100

96 93.9 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 141.522 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.02 min

Lab File: VX015084.D

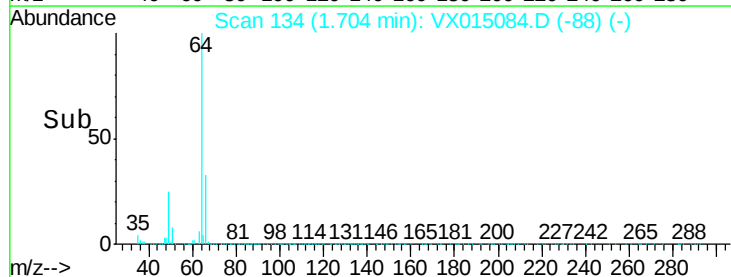
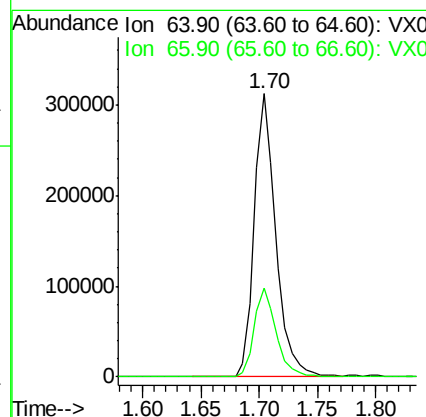
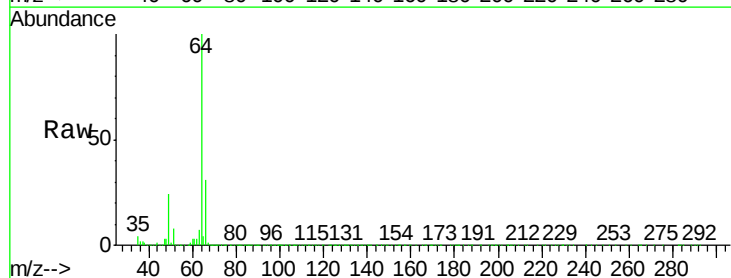
Acq: 04 Mar 2020 10:32

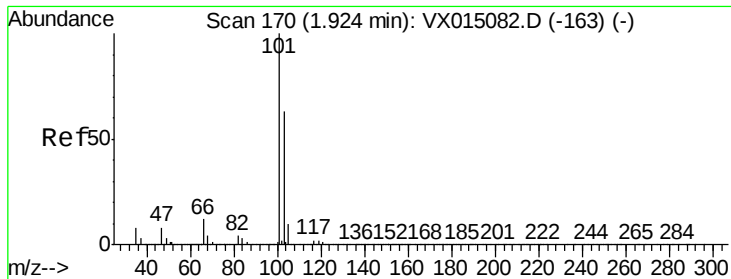
Tgt Ion: 64 Resp: 403304

Ion Ratio Lower Upper

64 100

66 31.4 25.8 38.8





#7

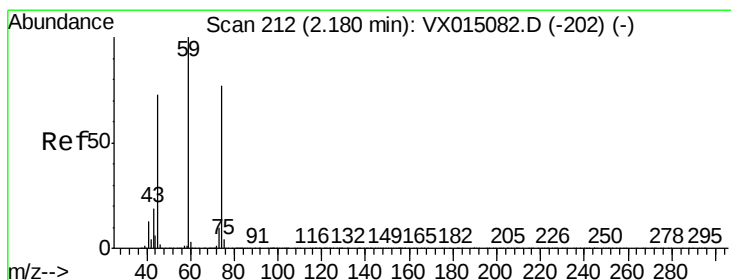
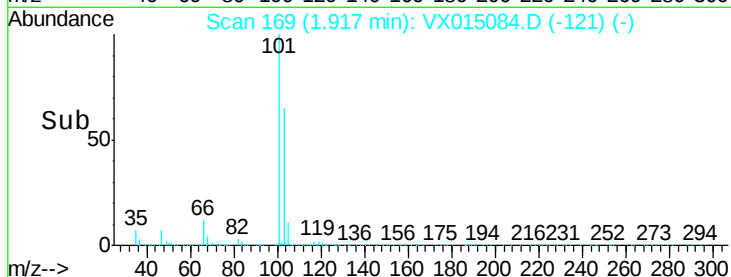
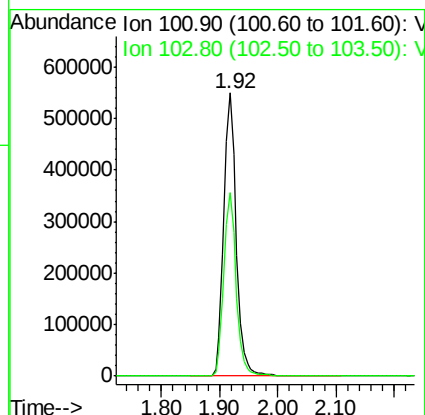
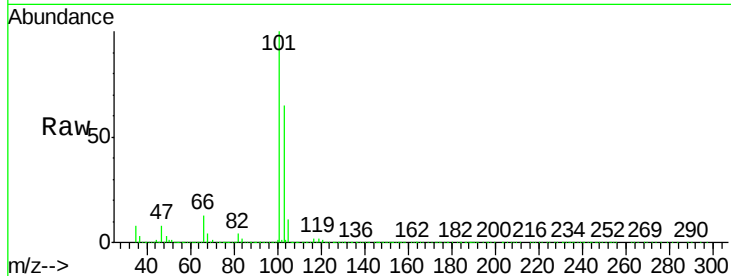
Trichlorofluoromethane
Concen: 143.983 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

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ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.4	75.6

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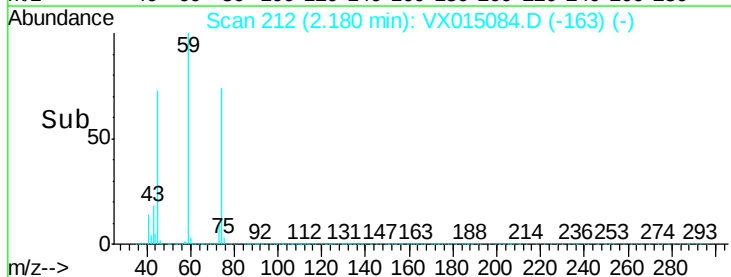
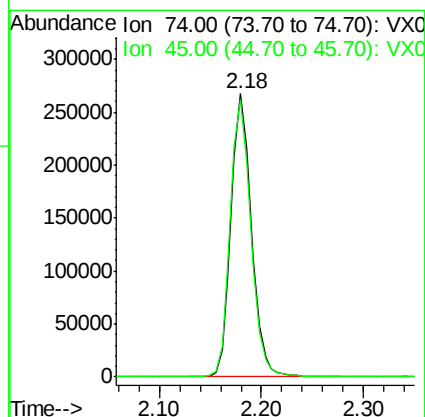
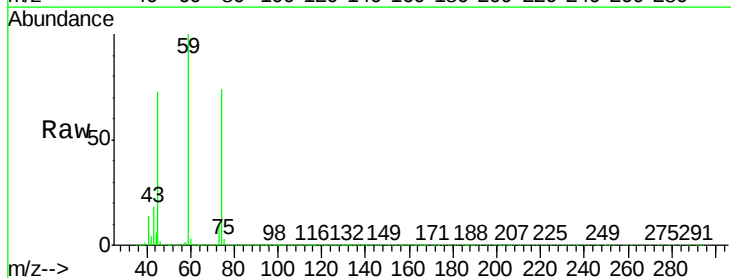
MMDadoda
3/5/2020 12:32:39 PM

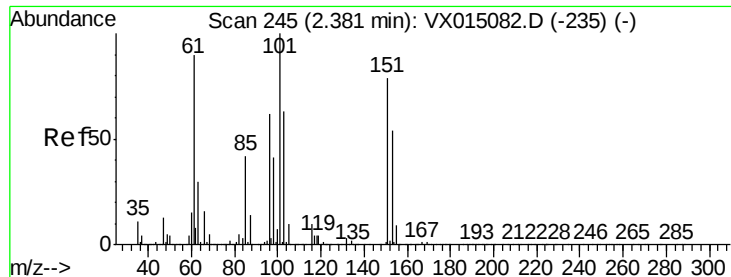


#8

Diethyl Ether
Concen: 143.642 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.280 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

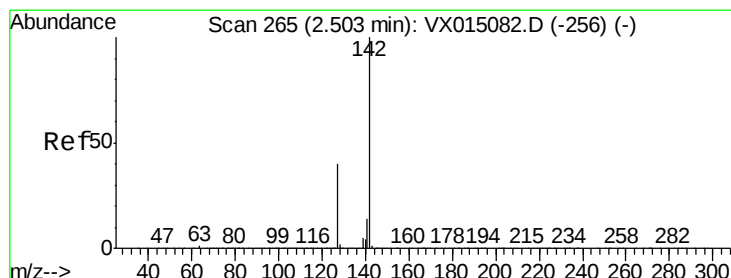
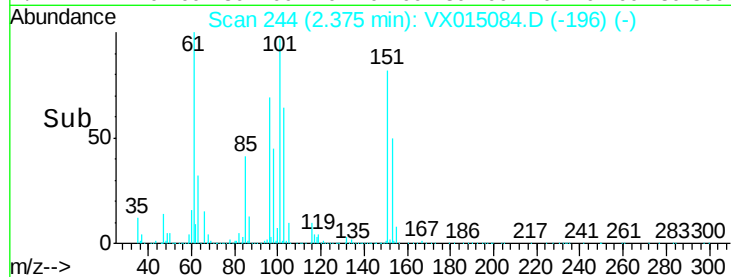
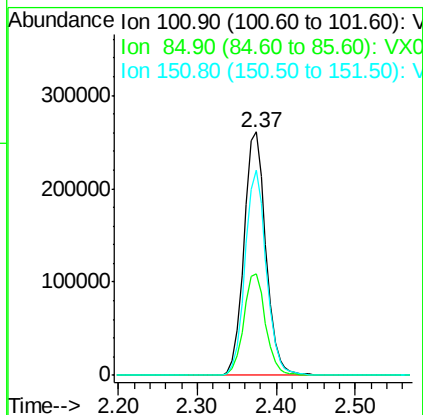
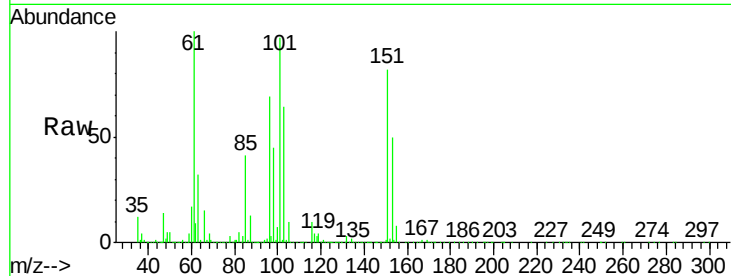
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	502457
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.7	50.5
151	82.3	64.0	96.0

Manual Integrations
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MMDadoda
3/5/2020 12:32:39 PM



#10

Methyl Iodide

Concen: 161.114 ug/l

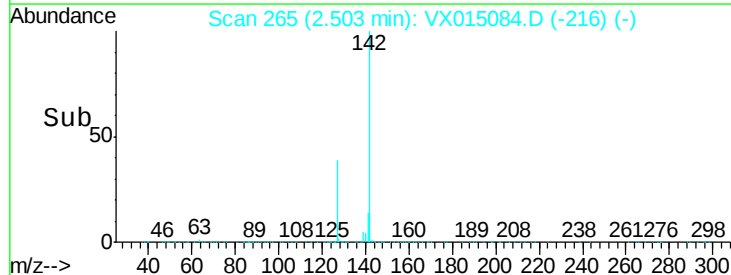
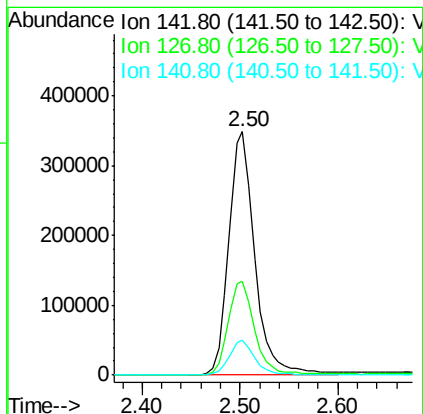
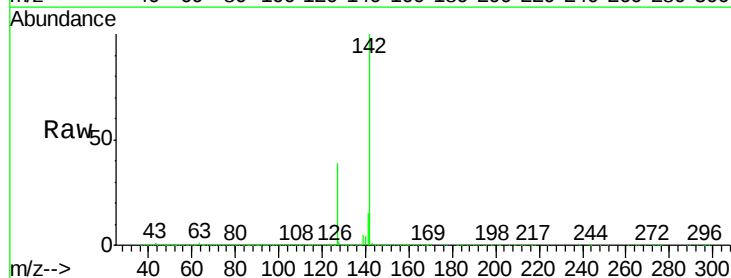
RT: 2.50 min Scan# 265

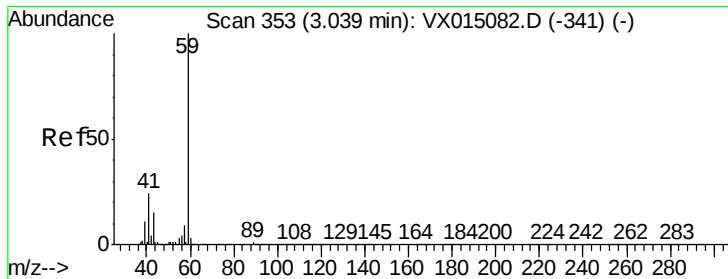
Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:	142	Resp:	647364
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.7	47.5
141	14.3	11.3	16.9





#11

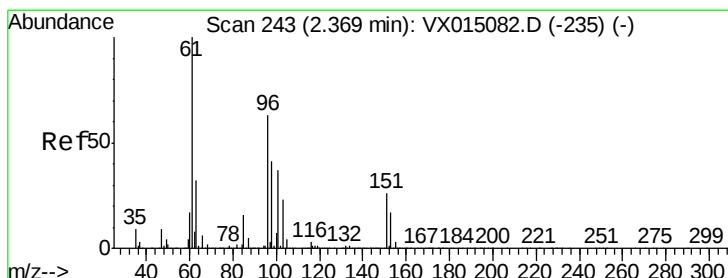
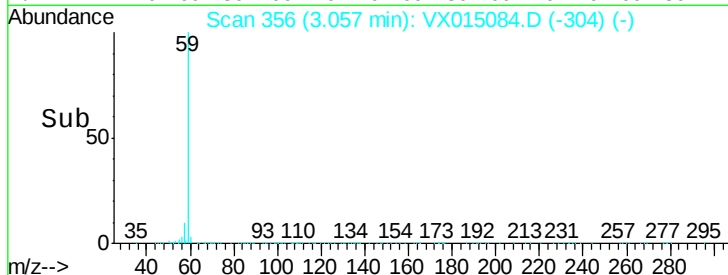
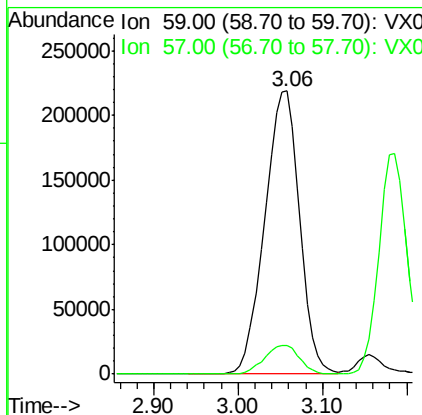
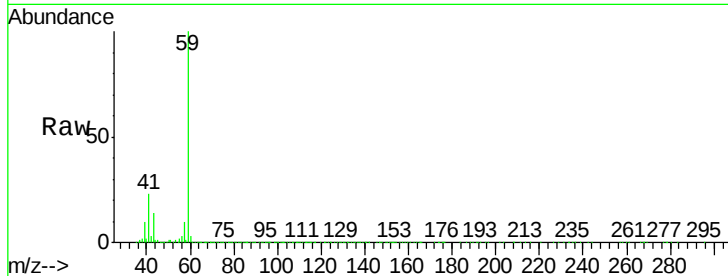
Tert butyl alcohol
Concen: 802.558 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.02 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Manual Integrations
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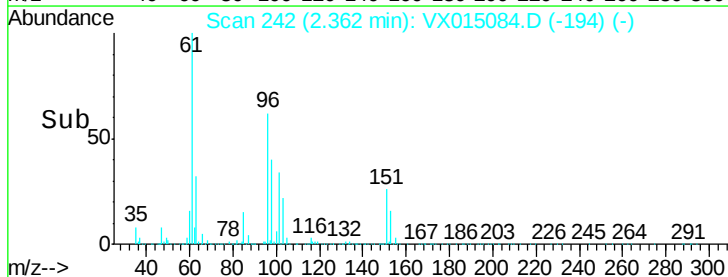
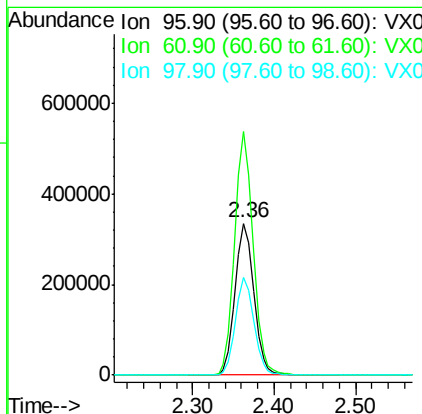
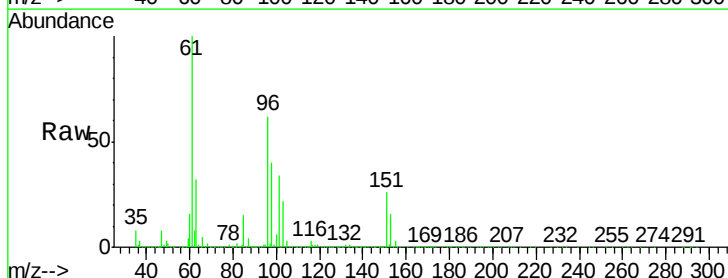
MMDadoda
3/5/2020 12:32:39 PM

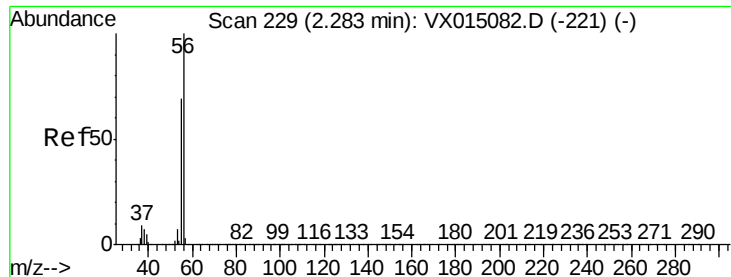


#12

1,1-Dichloroethene
Concen: 144.159 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.5	126.2	189.4
98	64.7	51.4	77.0





#13

Acrolein

Concen: 735.391 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 537290

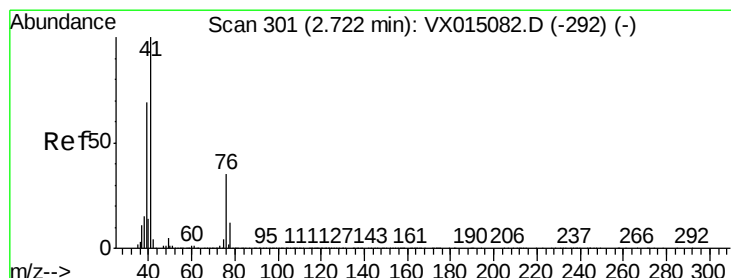
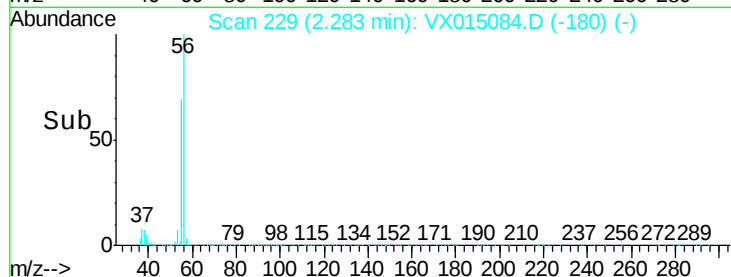
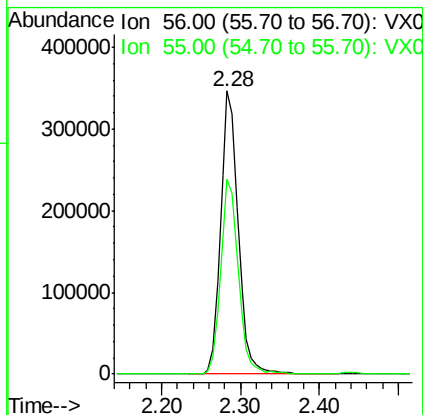
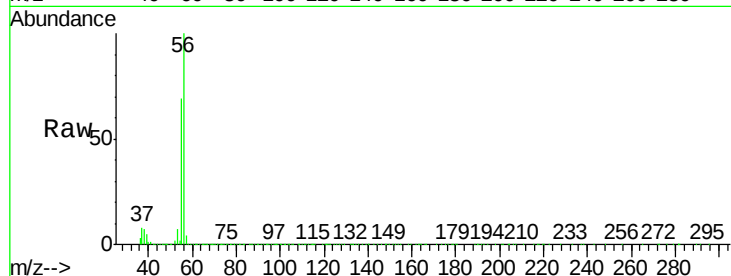
Ion Ratio Lower Upper

56 100

55 69.3 55.4 83.0

Manual Integrations
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#14

Allyl chloride

Concen: 153.538 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

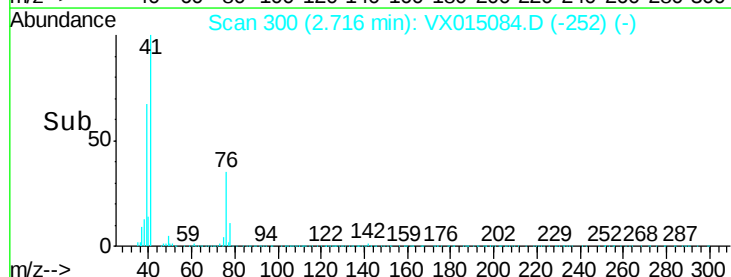
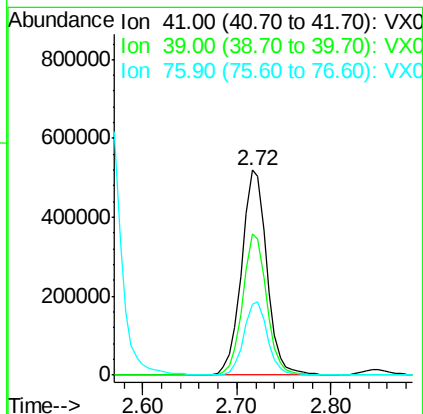
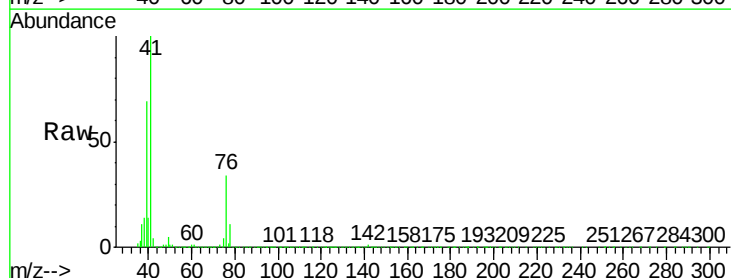
Tgt Ion: 41 Resp: 982640

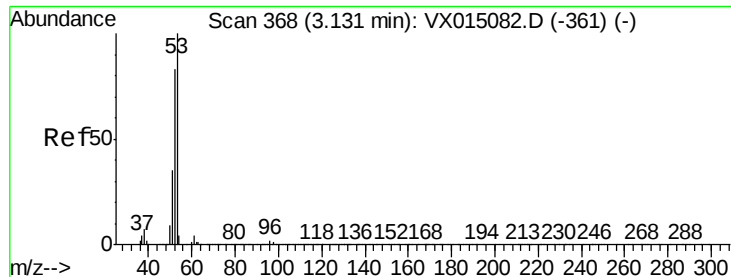
Ion Ratio Lower Upper

41 100

39 64.9 52.9 79.3

76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 777.828 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 53 Resp: 1505999

Ion Ratio Lower Upper

53 100

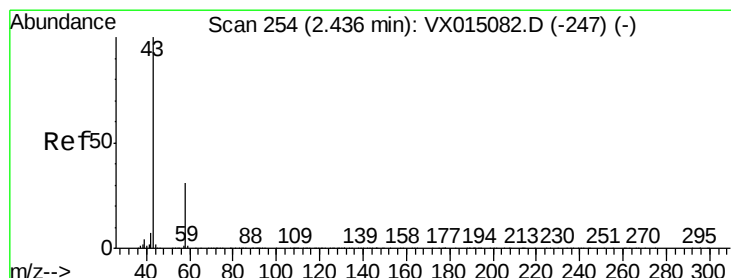
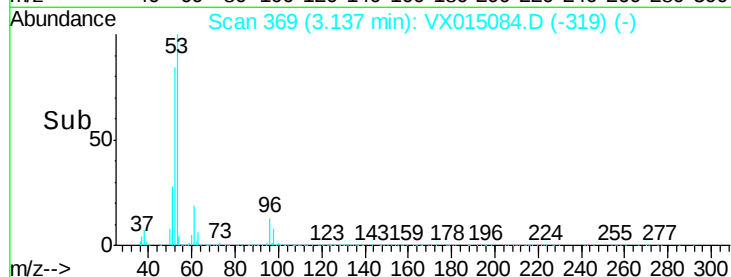
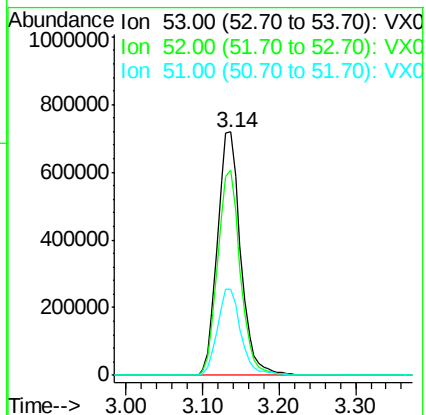
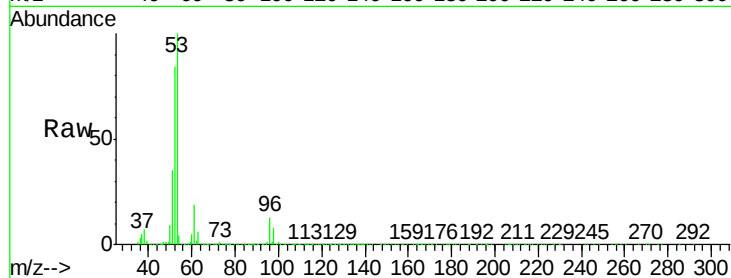
52 82.6 66.6 100.0

51 35.7 29.0 43.6

Manual Integrations
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3/5/2020 12:32:39 PM



#16

Acetone

Concen: 695.973 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015084.D

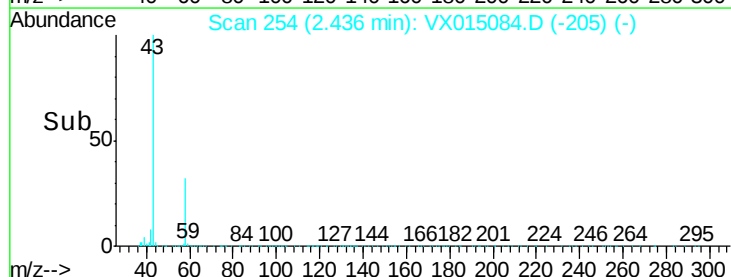
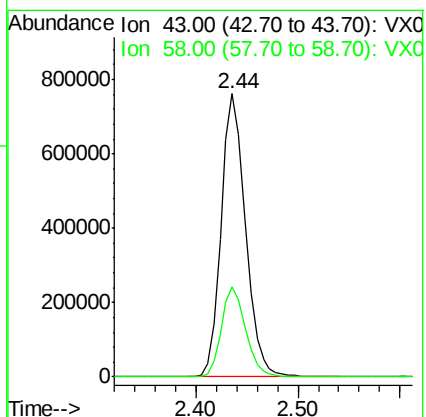
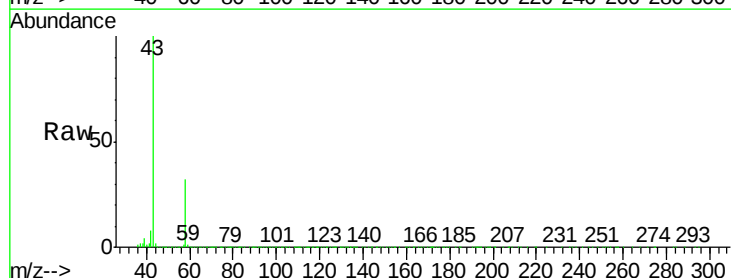
Acq: 04 Mar 2020 10:32

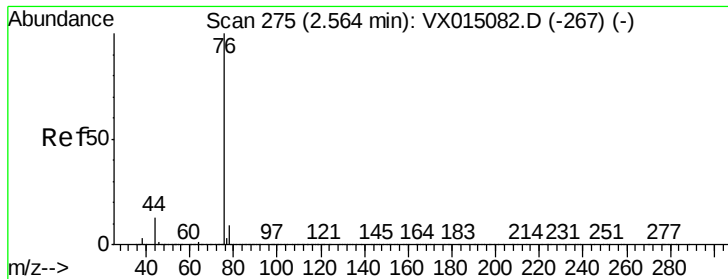
Tgt Ion: 43 Resp: 1262993

Ion Ratio Lower Upper

43 100

58 31.7 24.8 37.2





#17

Carbon Disulfide

Concen: 153.331 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tot Ion: 76 Resp: 1562932

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

Instrument :

MSVOA_X

ClientSampled :

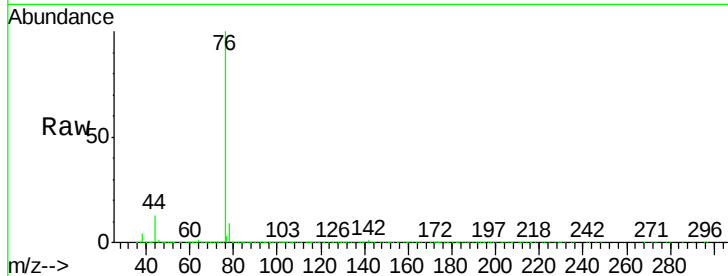
VSTDICC150

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

1000000

800000

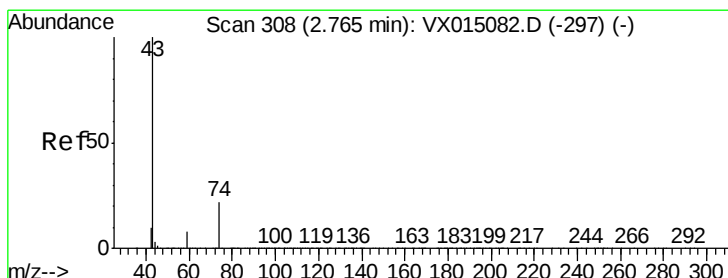
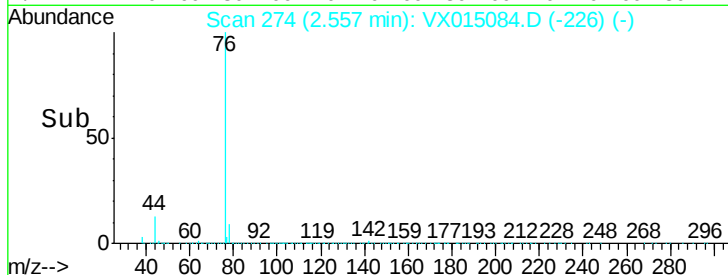
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 144.412 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015084.D

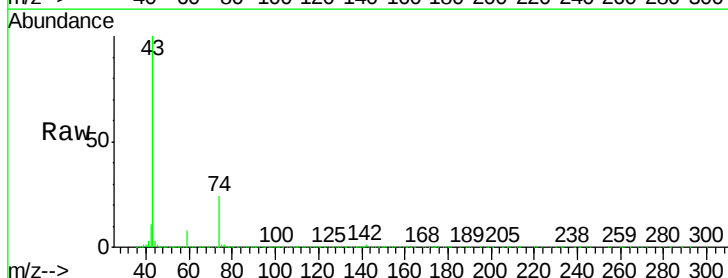
Acq: 04 Mar 2020 10:32

Tgt Ion: 43 Resp: 640802

Ion Ratio Lower Upper

43 100

74 23.8 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

400000

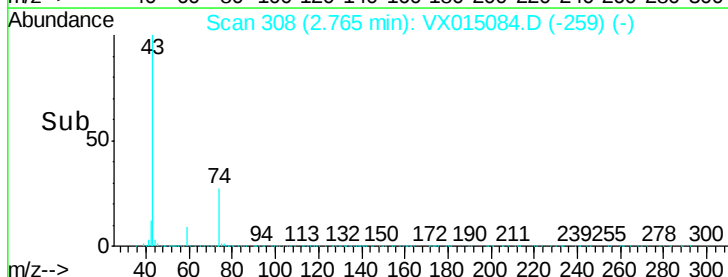
300000

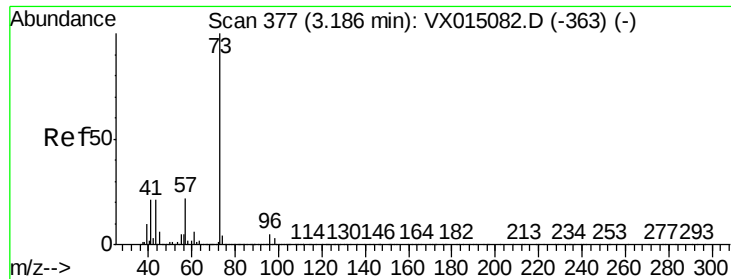
200000

100000

0

Time-->





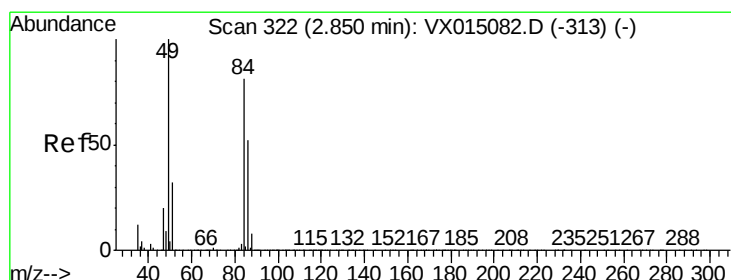
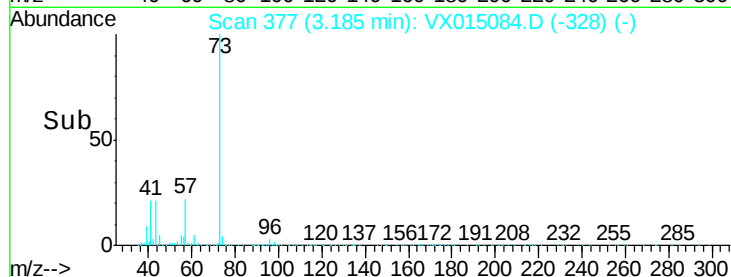
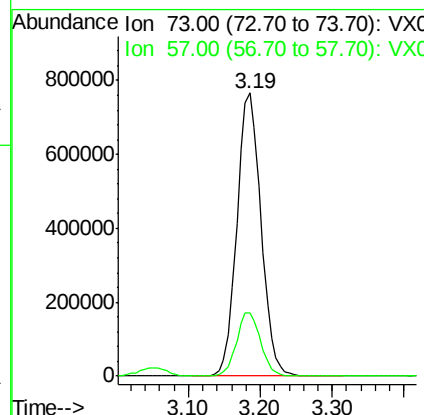
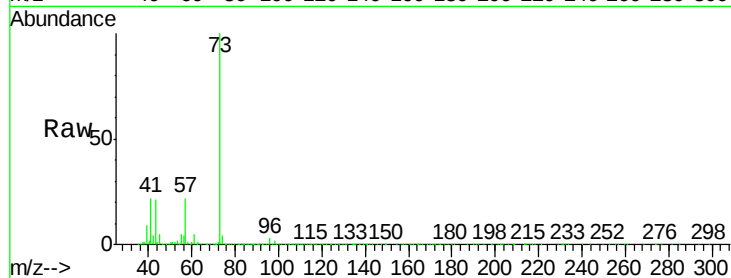
#19
Methvl tert-butvl Ether
Concen: 155.266 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 73 Resp: 1780861
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.6

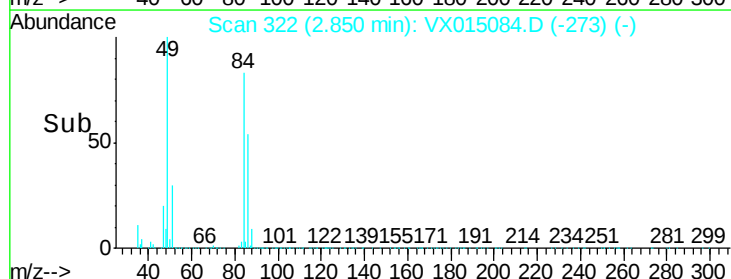
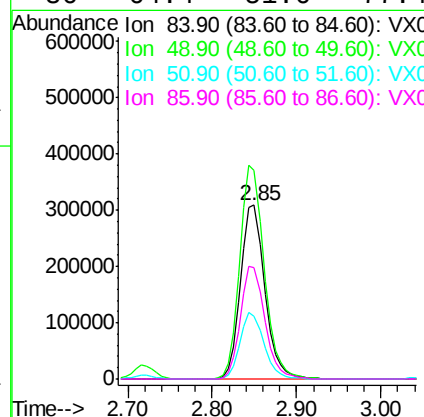
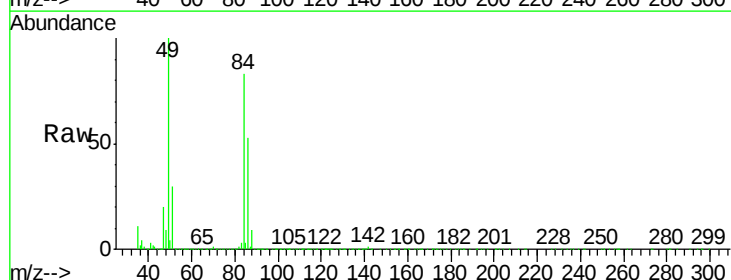
Manual Integrations
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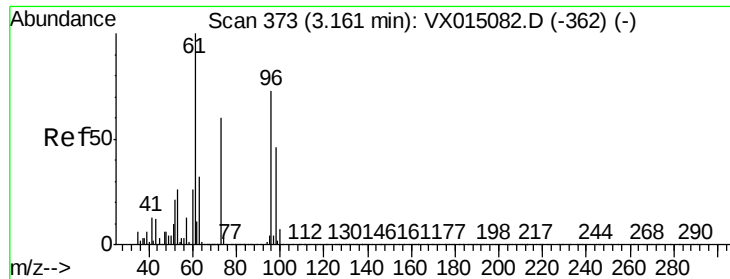
MMDadoda
3/5/2020 12:32:39 PM



#20
Methylene Chloride
Concen: 141.467 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 84 Resp: 600802
Ion Ratio Lower Upper
84 100
49 120.4 99.4 149.2
51 36.1 31.5 47.3
86 64.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 150.046 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

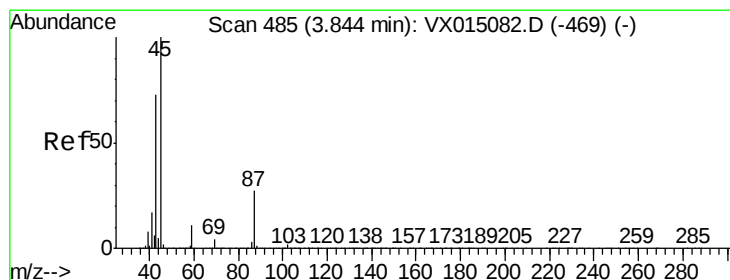
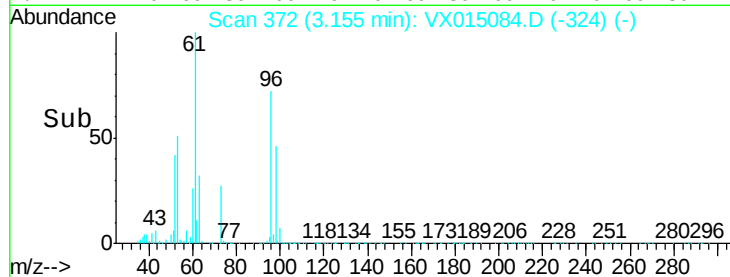
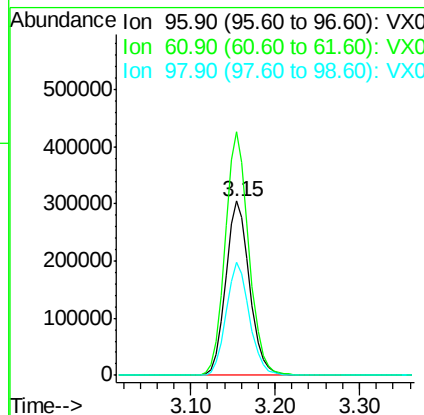
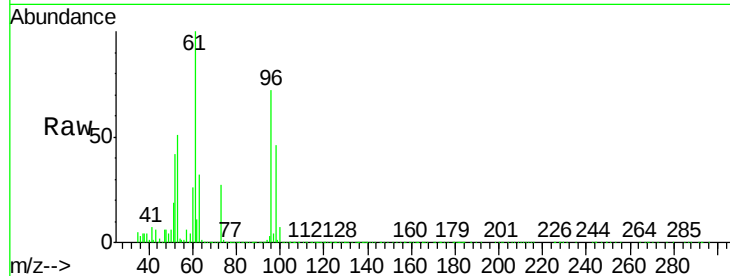
ClientSampled :

VSTDIC150

Tot Ion:	96	Resp:	588060
Ion	Ratio	Lower	Upper
96	100		
61	139.6	109.9	164.9
98	64.5	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 152.320 ug/l

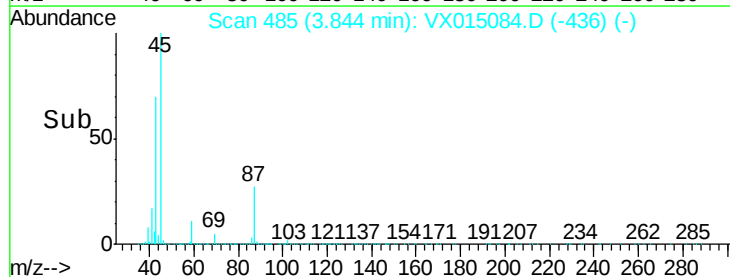
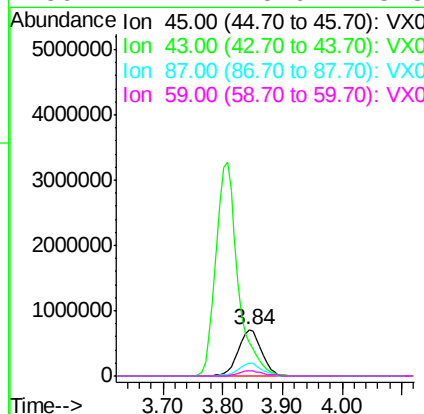
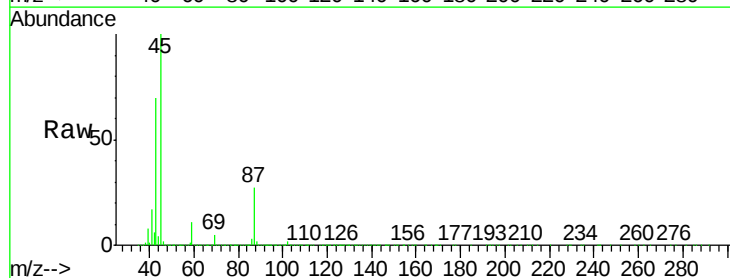
RT: 3.84 min Scan# 485

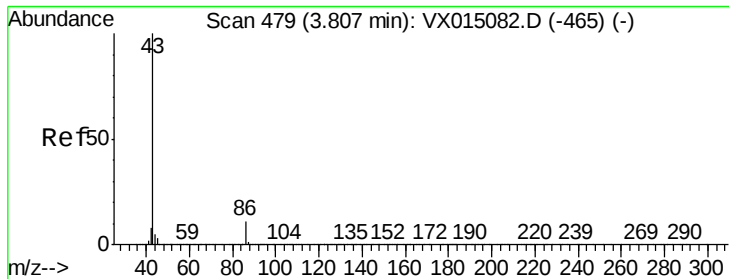
Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:	45	Resp:	1942201
Ion	Ratio	Lower	Upper
45	100		
43	70.2	58.2	87.2
87	26.6	21.2	31.8
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 801.664 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 8402521

Ion Ratio Lower Upper

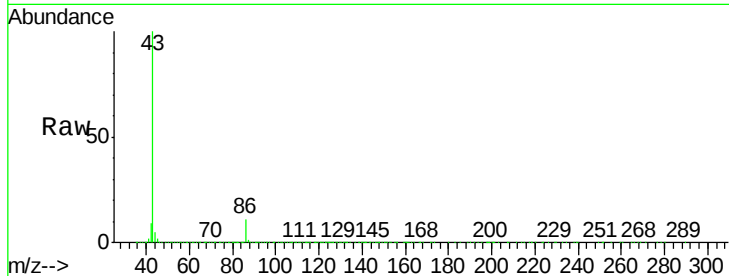
43 100

86 10.9 8.6 12.8

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APPROVED

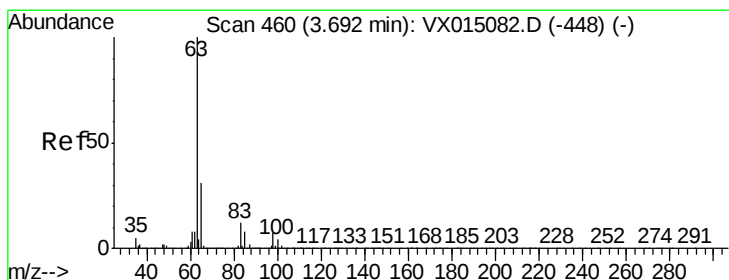
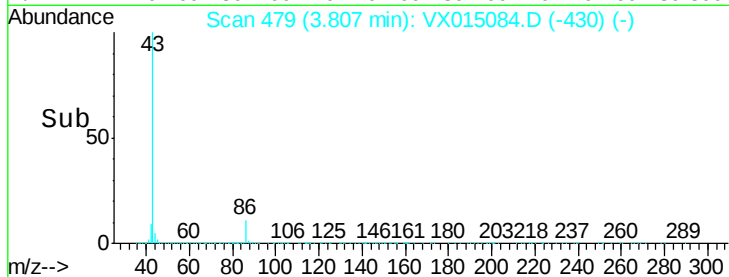
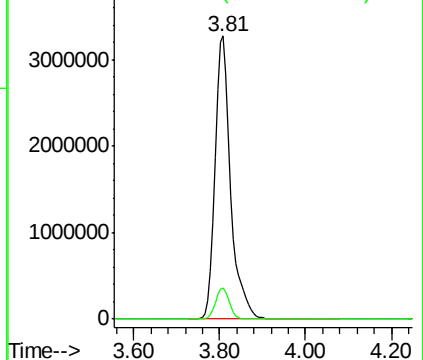
MMDadoda

3/5/2020 12:32:39 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 150.066 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

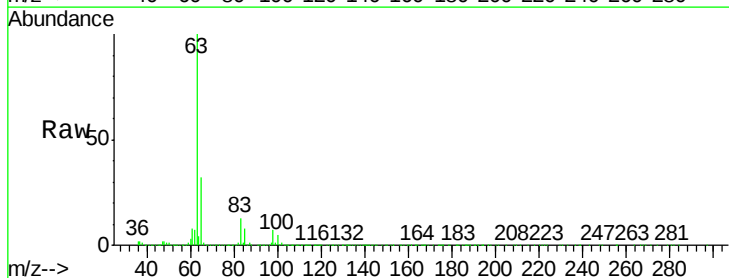
Tgt Ion: 63 Resp: 1061989

Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

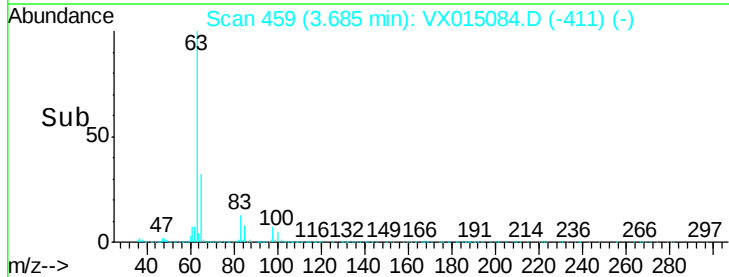
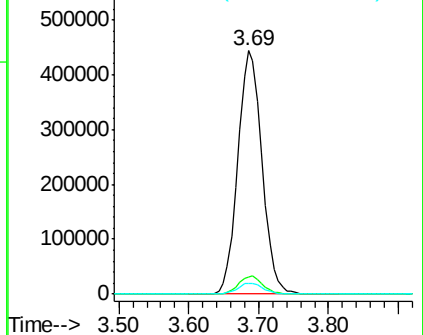
100 4.5 2.1 6.5

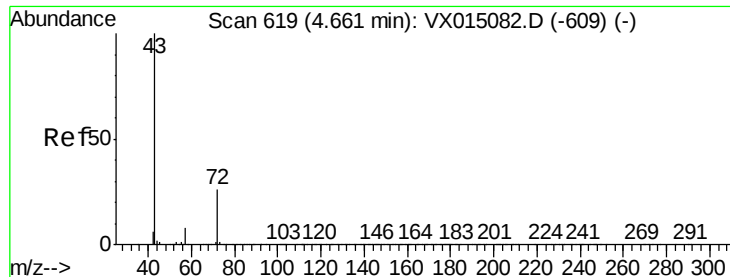


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 776.065 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2061801

Ion Ratio Lower Upper

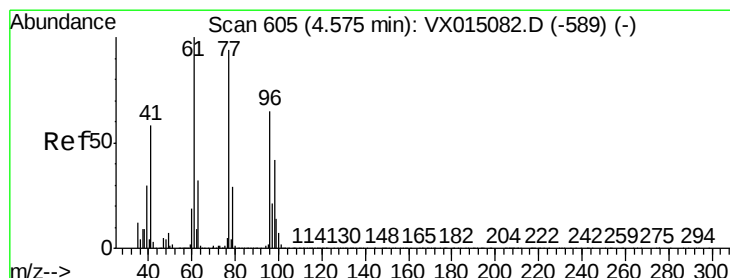
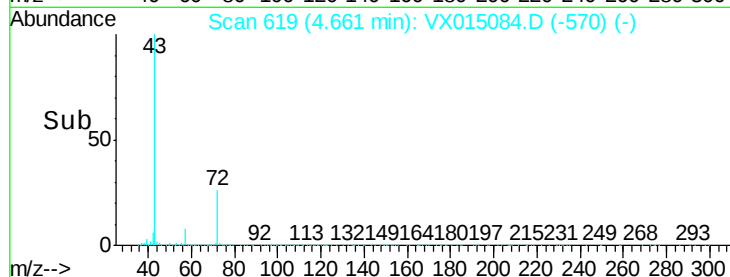
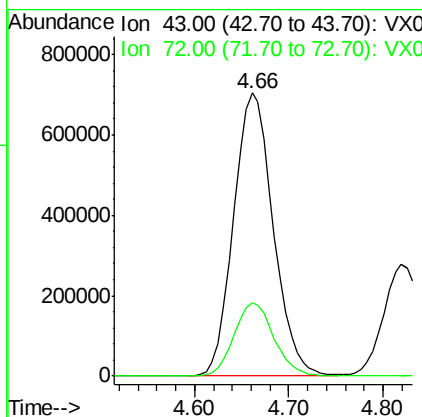
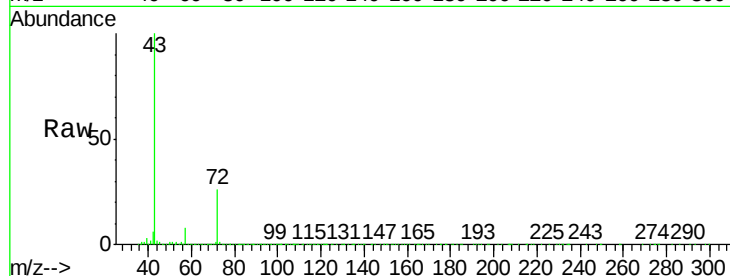
43 100

72 25.9 20.6 30.8

Manual Integrations
APPROVED

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3/5/2020 12:32:39 PM



#26

2,2-Dichloropropane

Concen: 151.874 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015084.D

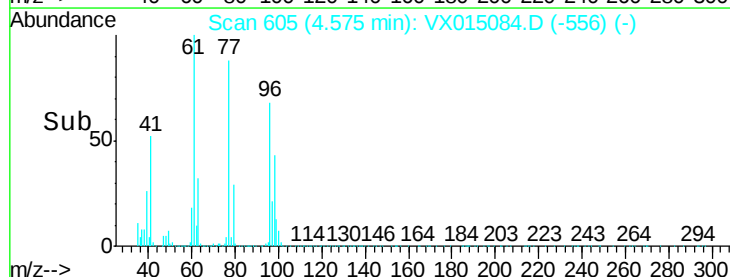
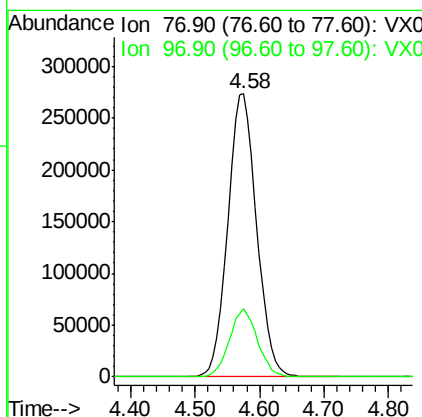
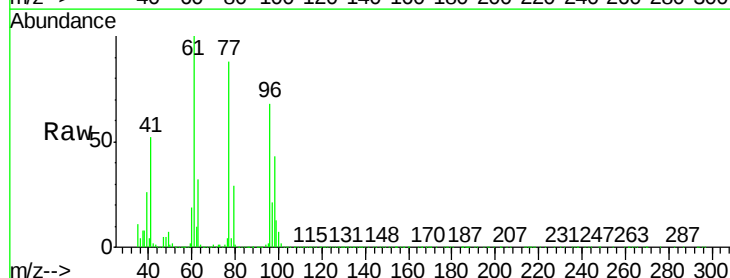
Acq: 04 Mar 2020 10:32

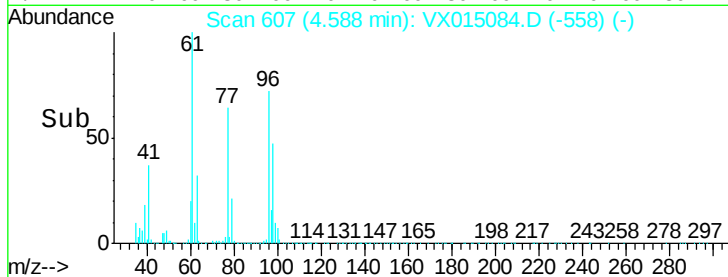
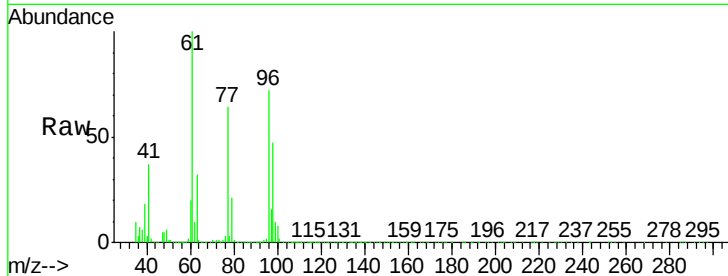
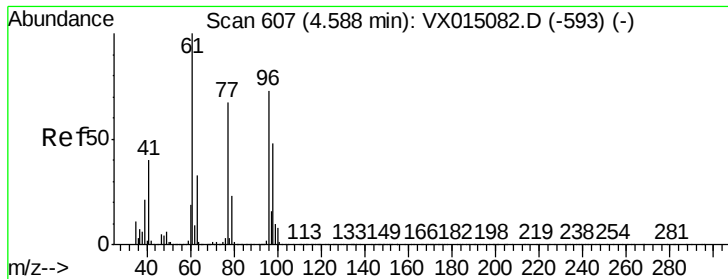
Tgt Ion: 77 Resp: 853218

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 152.763 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015084.D

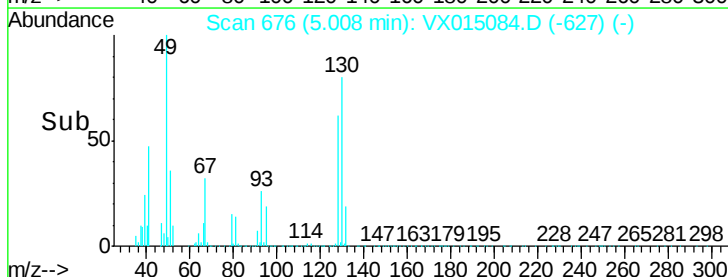
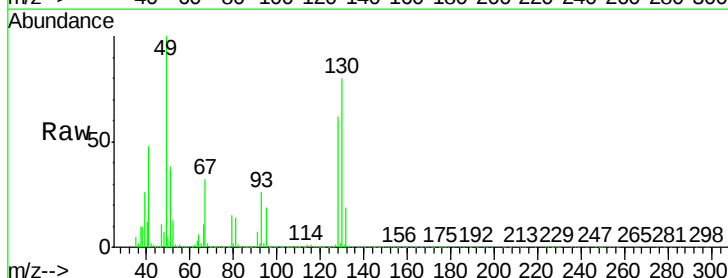
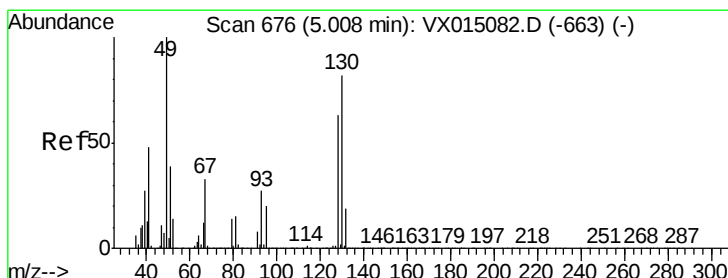
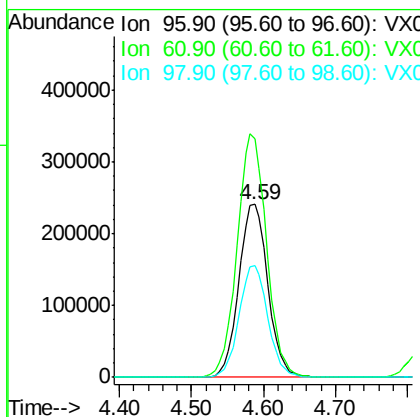
Acq: 04 Mar 2020 10:32

Tot Ion	Ratio	Resp	Lower	Upper
96	100	671672		
61	143.2	0.0	286.8	
98	64.4	0.0	128.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
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3/5/2020 12:32:39 PM



#28

Bromochloromethane

Concen: 150.009 ug/l

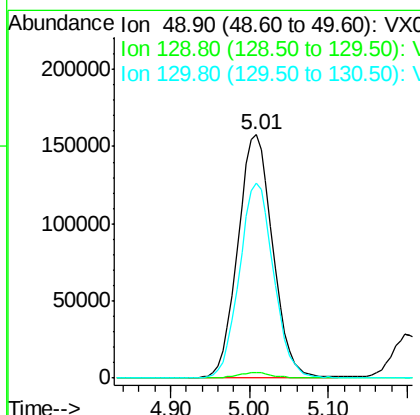
RT: 5.01 min Scan# 676

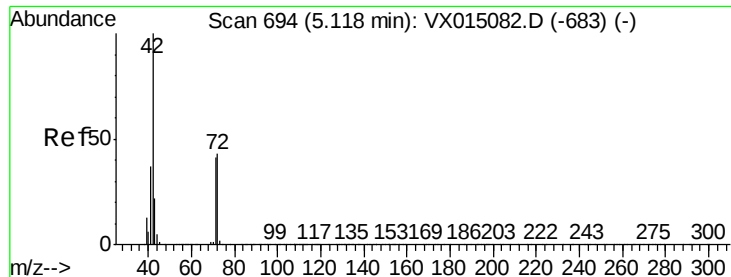
Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	483406		
129	2.3	0.0	4.4	
130	79.1	65.0	97.6	





#29

Tetrahydrofuran

Concen: 765.259 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDICC150

Tot Ion: 42 Resp: 1310556

Ion Ratio Lower Upper

42 100

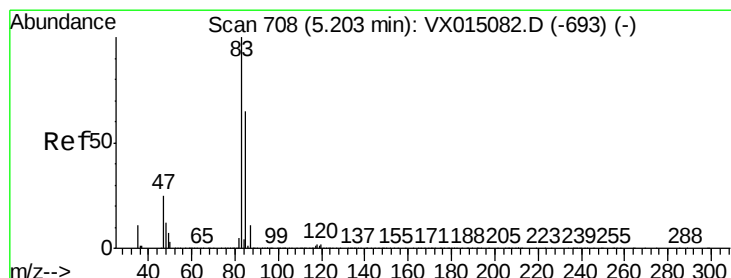
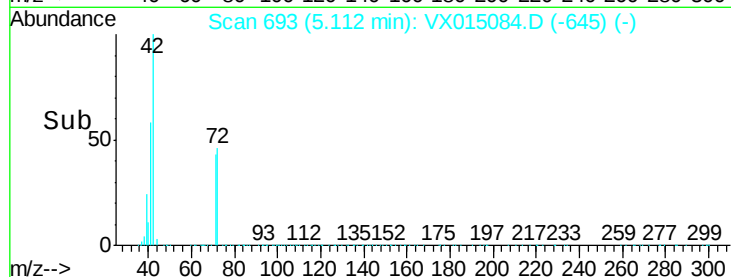
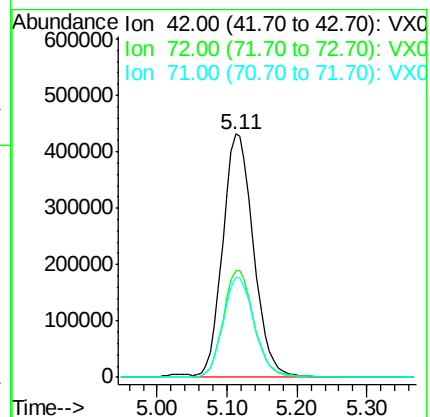
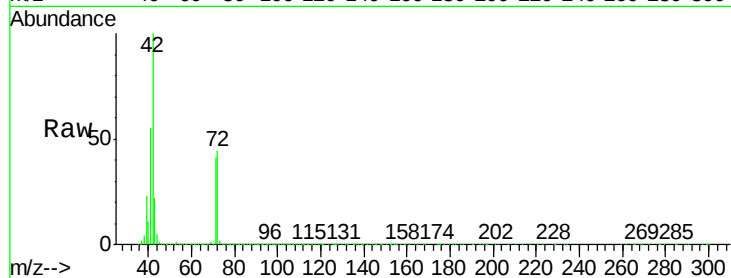
72 44.6 36.4 54.6

71 41.5 33.3 49.9

Manual Integrations
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3/5/2020 12:32:39 PM



#30

Chloroform

Concen: 147.166 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX015084.D

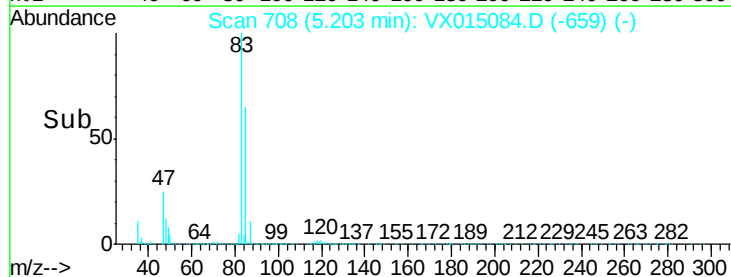
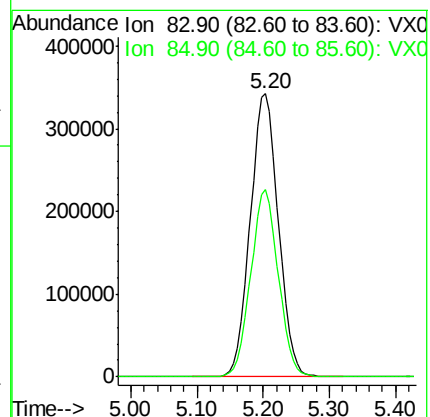
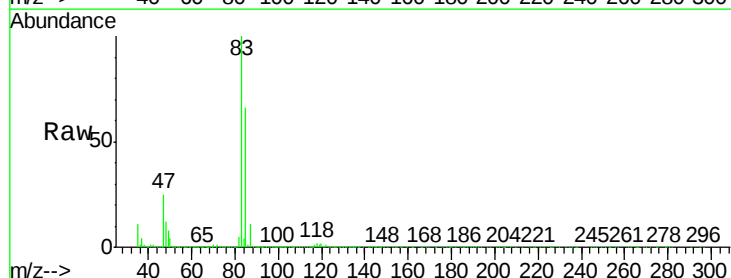
Acq: 04 Mar 2020 10:32

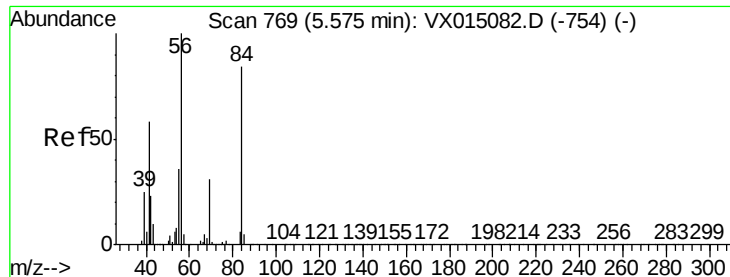
Tgt Ion: 83 Resp: 1015081

Ion Ratio Lower Upper

83 100

85 66.0 52.0 78.0





#31

Cyclohexane

Concen: 153.121 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

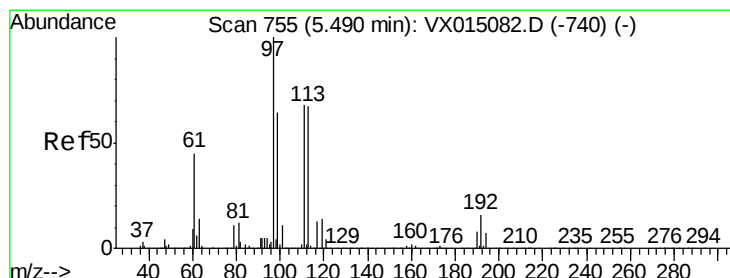
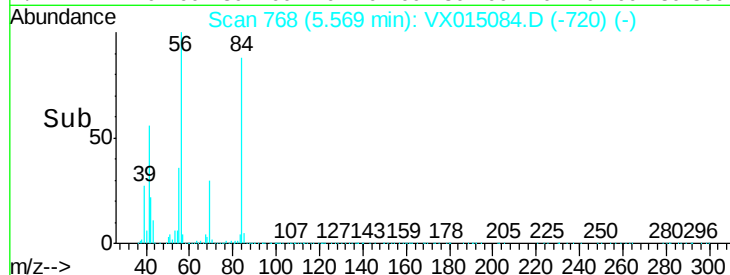
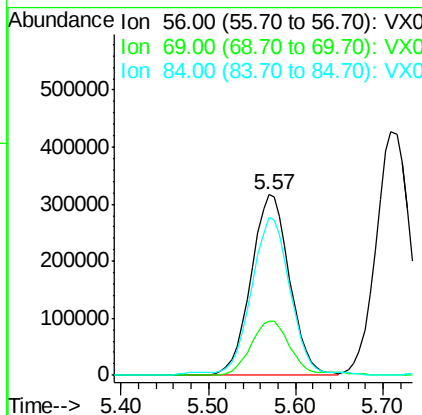
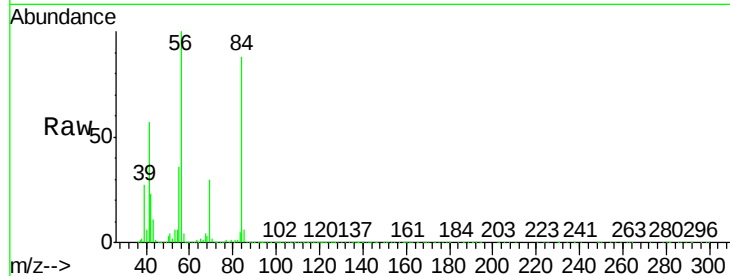
ClientSampled :

VSTDIC150

Tot Ion:	56	Resp:	966545
Ion Ratio	Lower	Upper	
56	100		
69	30.3	25.0	37.6
84	86.3	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 156.625 ug/l

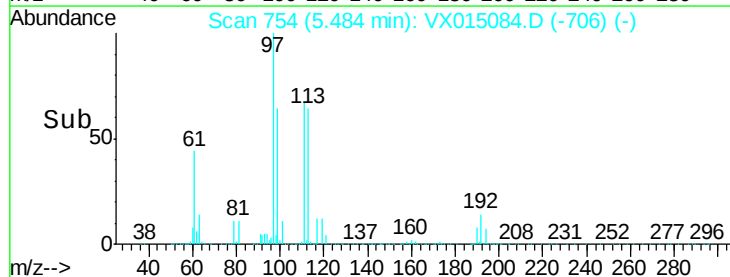
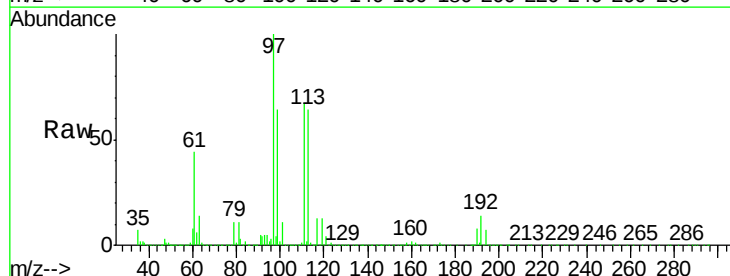
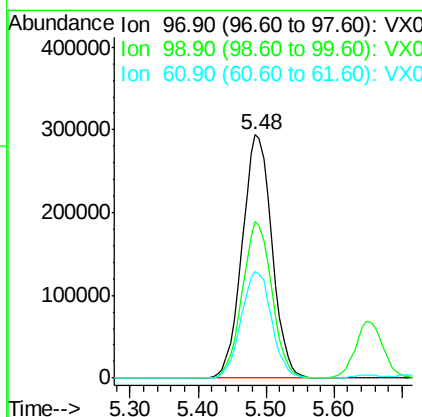
RT: 5.48 min Scan# 754

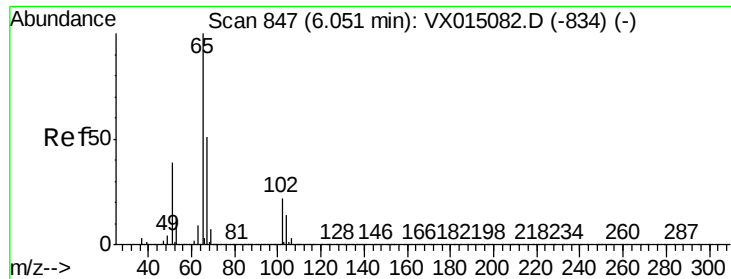
Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:	97	Resp:	895529
Ion Ratio	Lower	Upper	
97	100		
99	63.7	52.8	79.2
61	44.7	36.6	54.8





#33

1,2-Dichloroethane-d4

Concen: 150.575 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 65 Resp: 674728

Ion Ratio Lower Upper

65 100

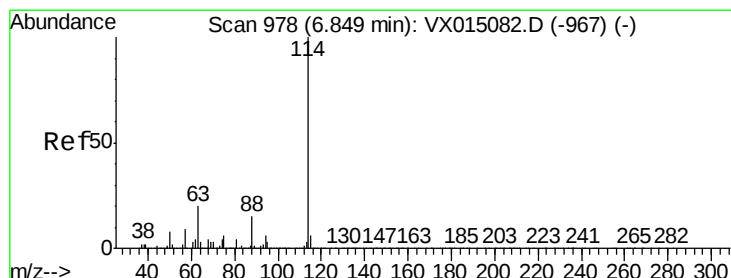
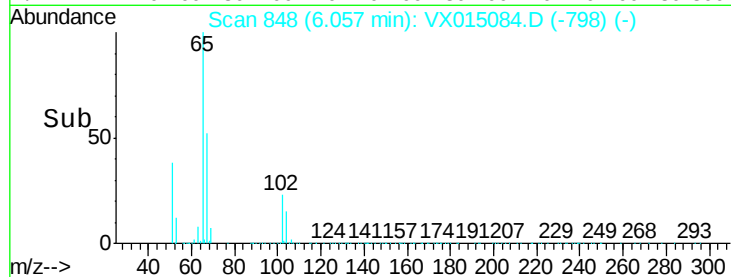
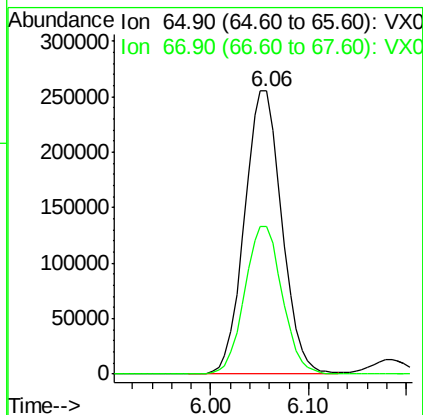
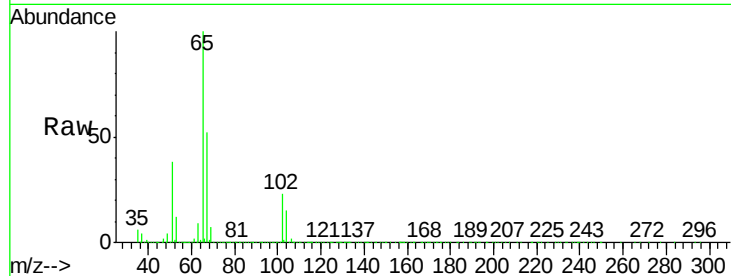
67 52.4 0.0 105.6

Manual Integrations

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3/5/2020 12:32:39 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

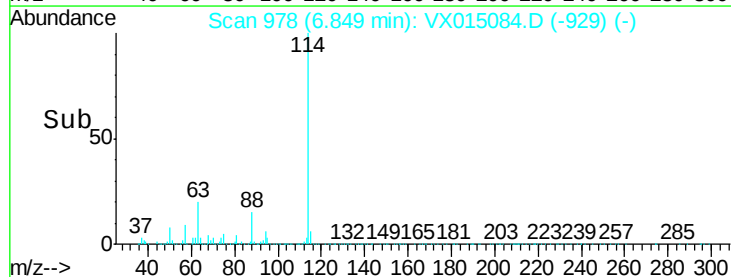
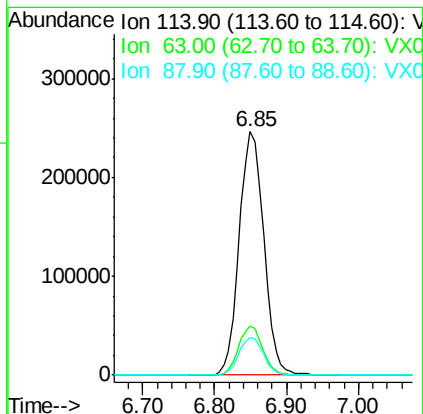
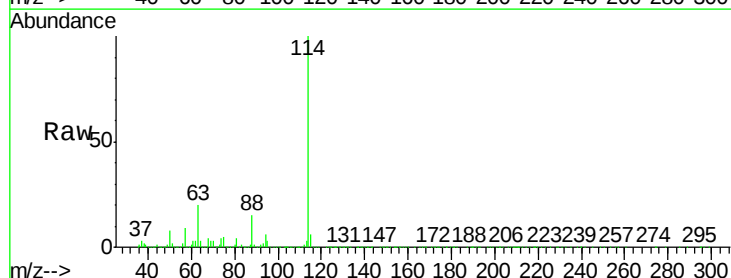
Tgt Ion: 114 Resp: 585998

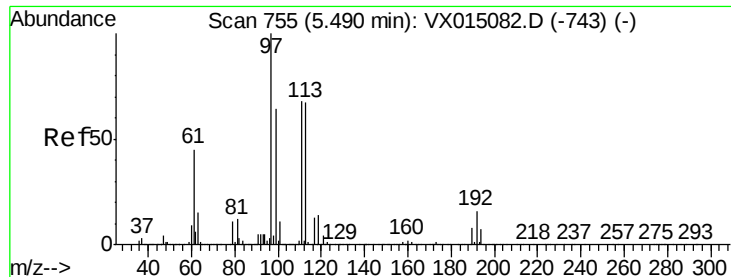
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 151.419 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

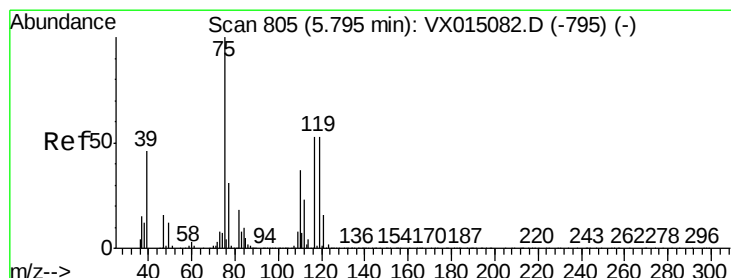
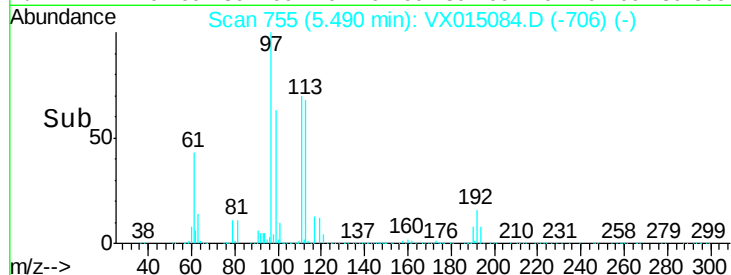
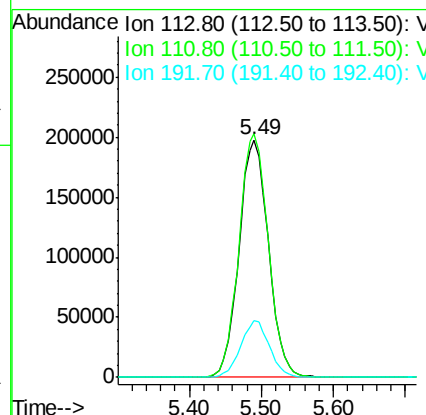
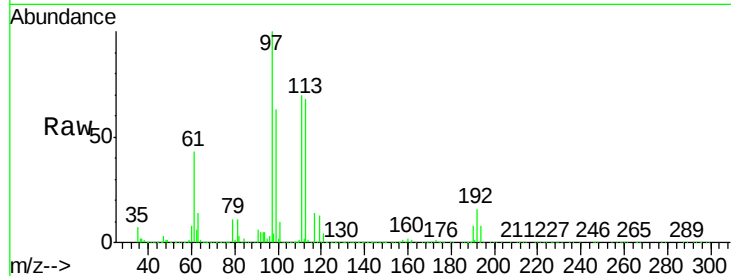
ClientSampled :

VSTDIC150

Tot Ion:	113	Resp:	559779
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.6	123.8
192	23.2	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 149.479 ug/l

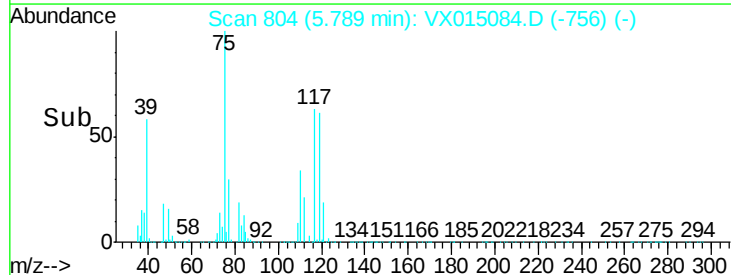
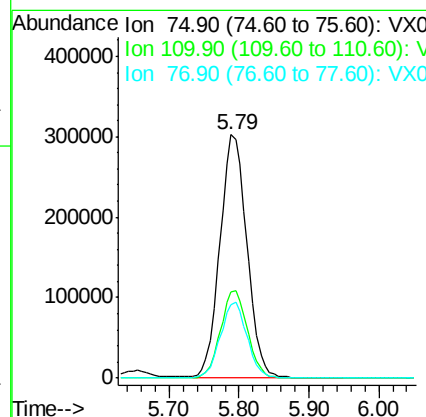
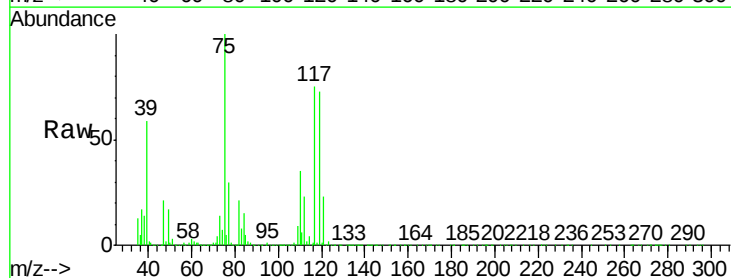
RT: 5.79 min Scan# 804

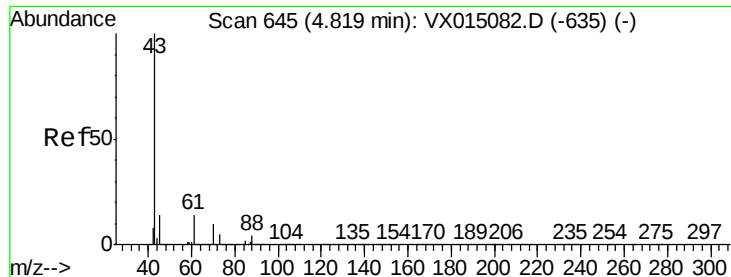
Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:	75	Resp:	810318
Ion Ratio	Lower	Upper	
75	100		
110	35.7	17.9	53.8
77	30.9	24.8	37.2





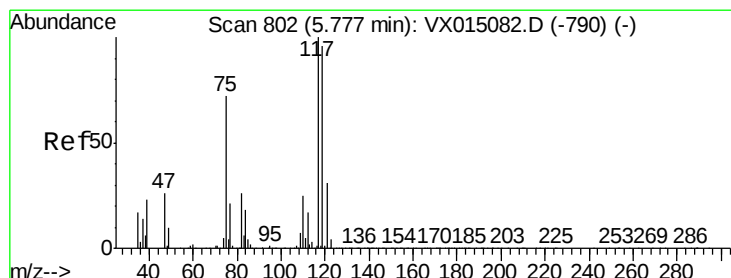
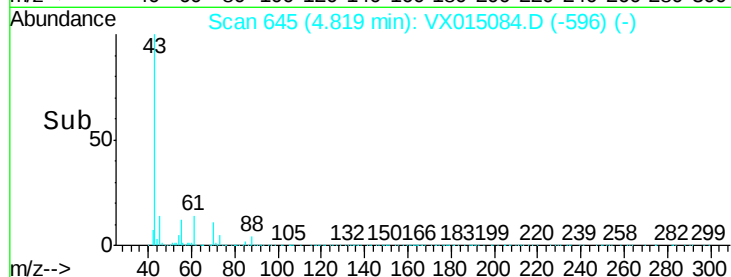
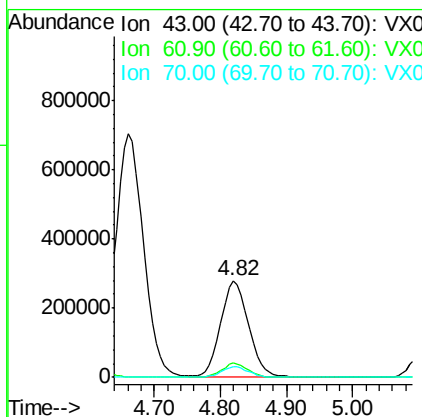
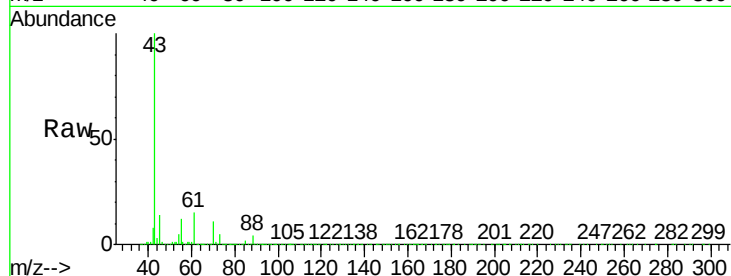
#37
Ethyl Acetate
Concen: 163.103 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.5	8.1	12.1

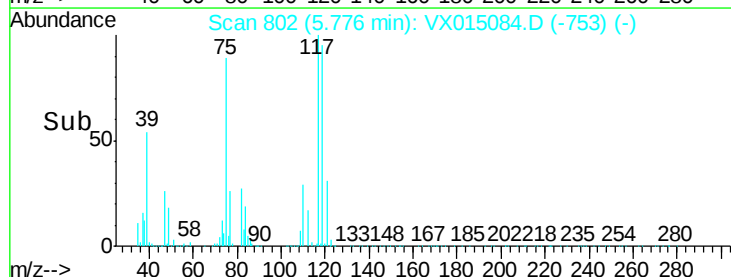
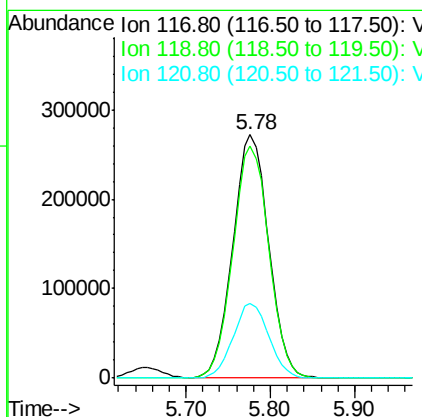
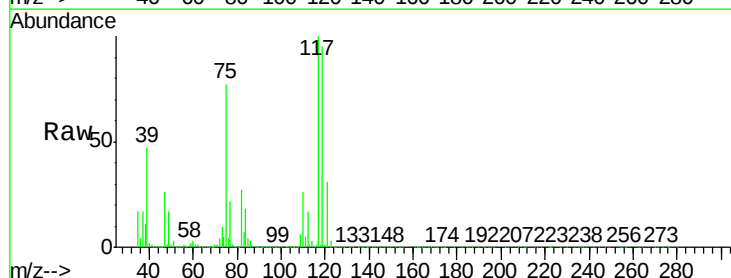
Manual Integrations
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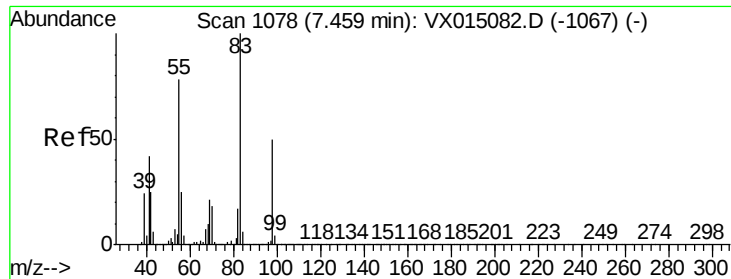
MMDadoda
3/5/2020 12:32:39 PM



#38
Carbon Tetrachloride
Concen: 152.515 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.9	115.3
121	30.6	24.6	37.0





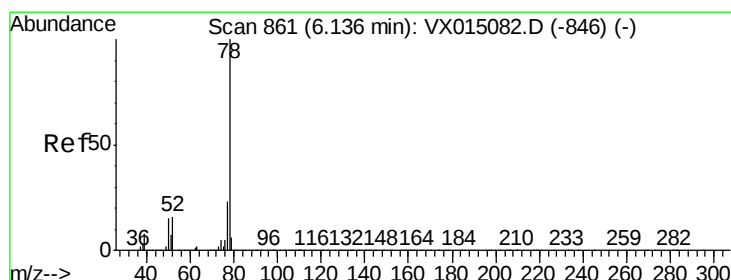
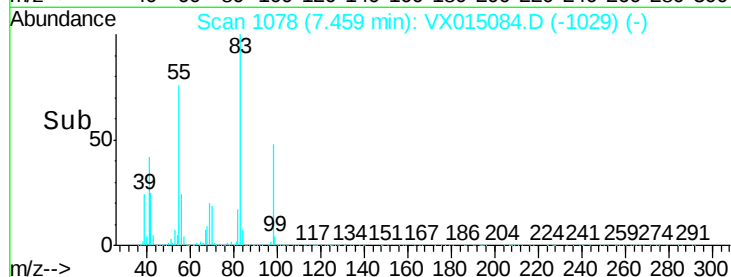
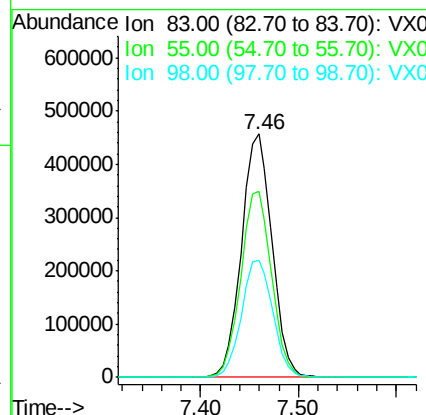
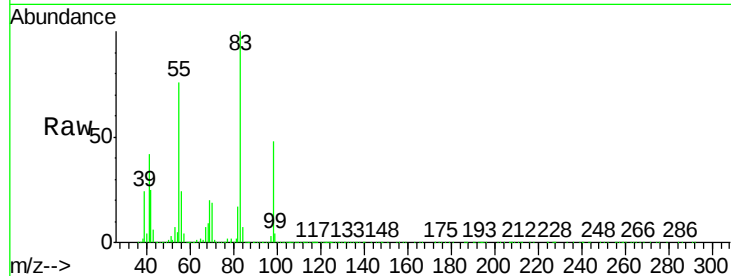
#39
Methvlcvclohexane
Concen: 156.084 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.2	62.4	93.6
98	48.2	39.7	59.5

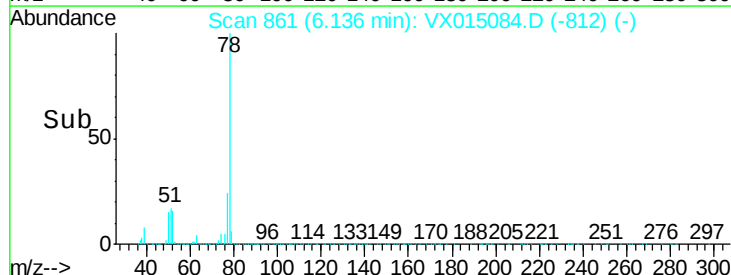
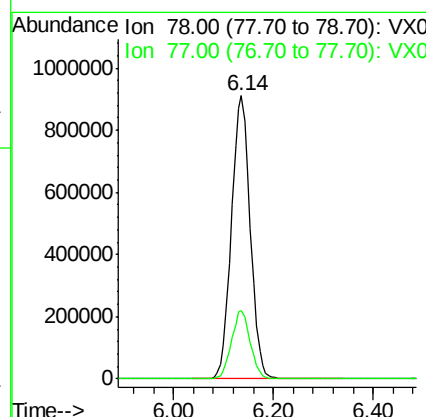
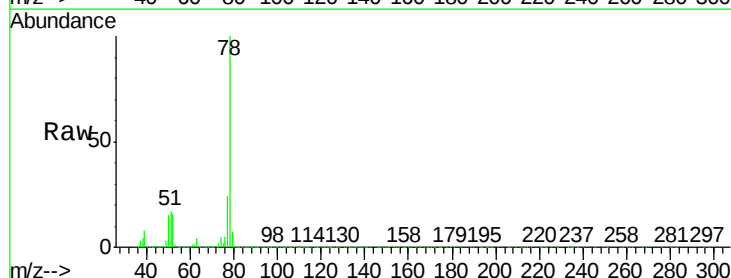
Manual Integrations
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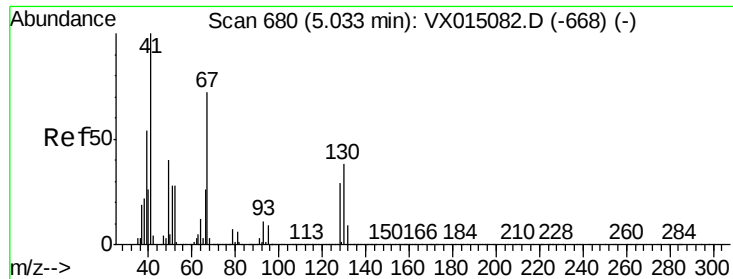
MMDadoda
3/5/2020 12:32:39 PM



#40
Benzene
Concen: 148.294 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





#41

Methacrylonitrile

Concen: 164.959 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

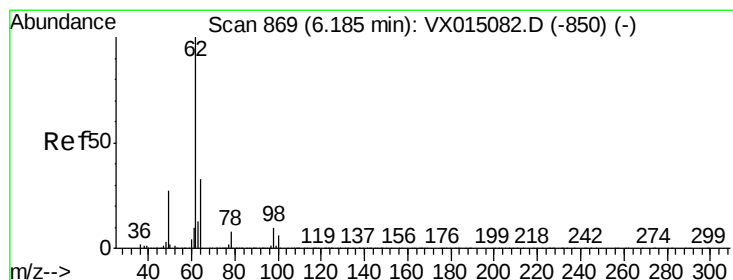
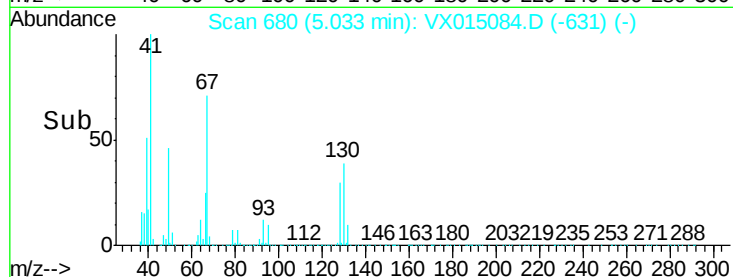
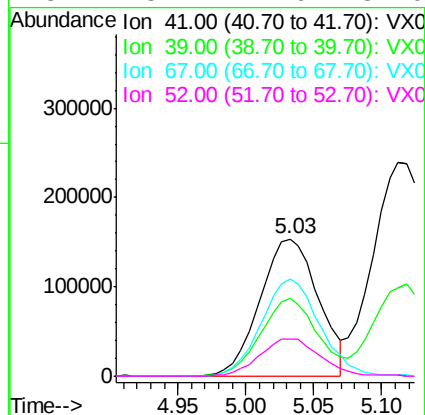
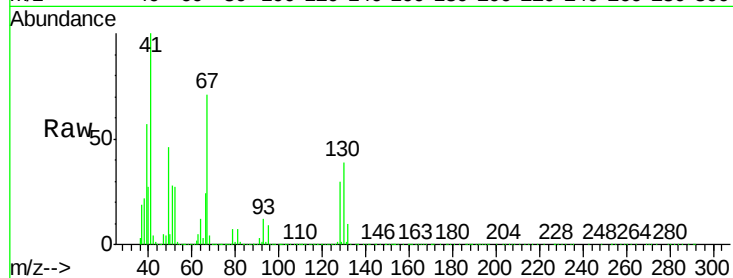
ClientSampled :

VSTDIC150

Tot Ion:	41	Resp:	459934
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.9	65.9
67	70.7	57.8	86.8
52	28.1	22.6	34.0

Manual Integrations
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3/5/2020 12:32:39 PM



#42

1,2-Dichloroethane

Concen: 148.737 ug/l

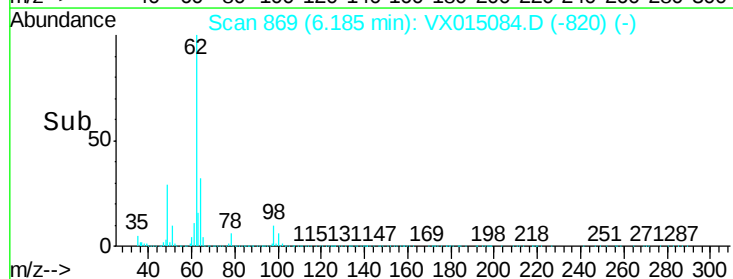
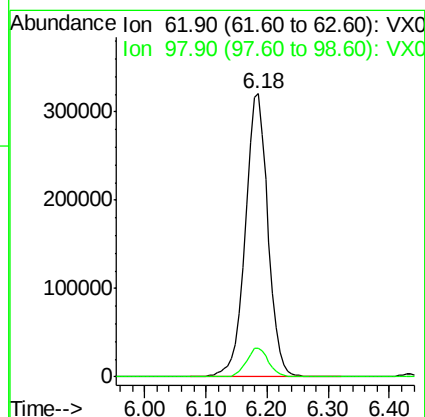
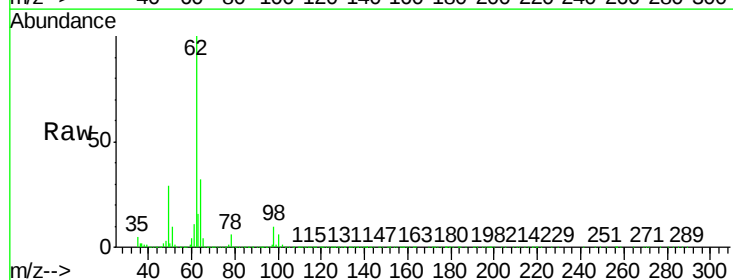
RT: 6.18 min Scan# 869

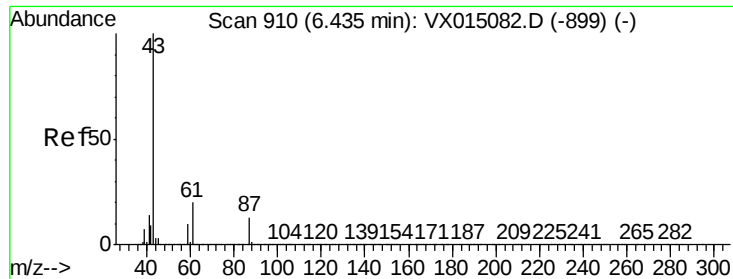
Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:	62	Resp:	821440
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6





#43

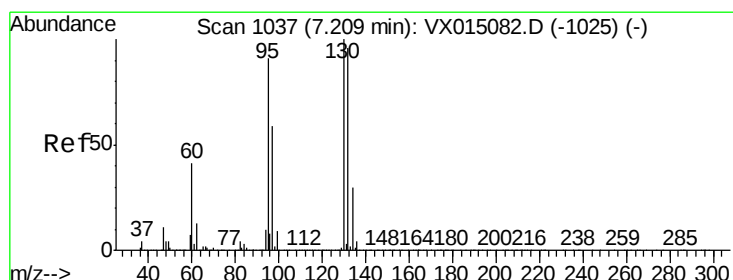
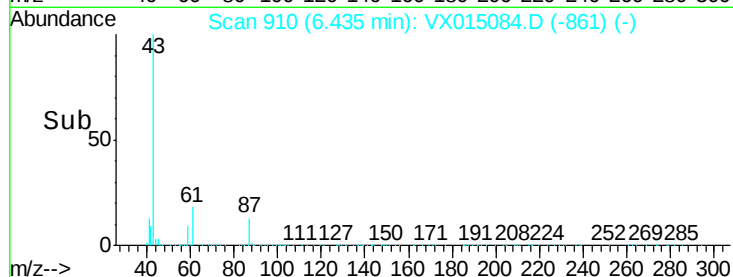
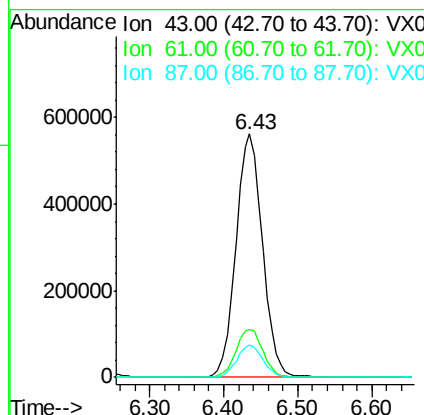
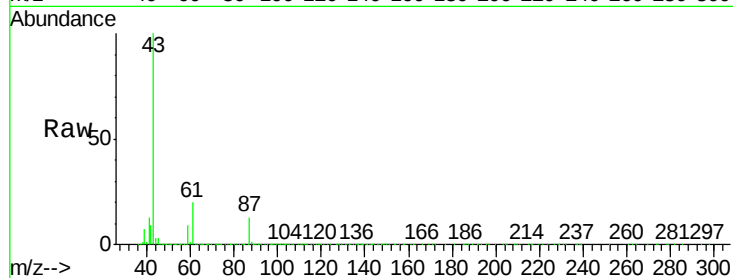
Isopropyl Acetate
 Concen: 158.477 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	13.3	10.6	16.0

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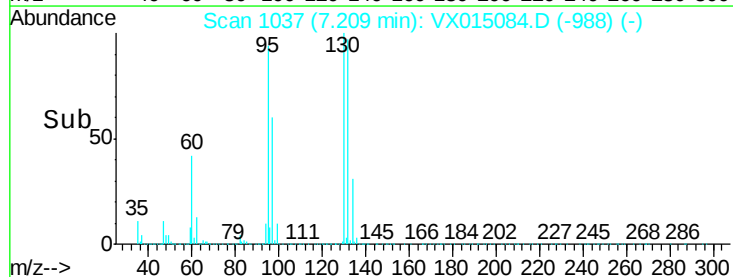
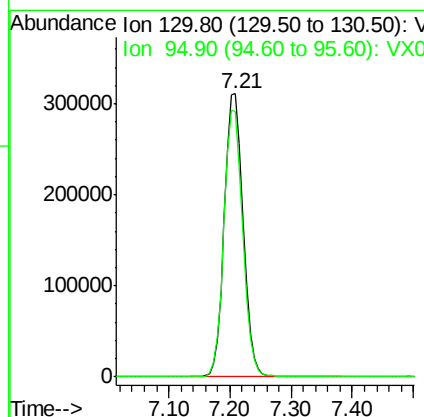
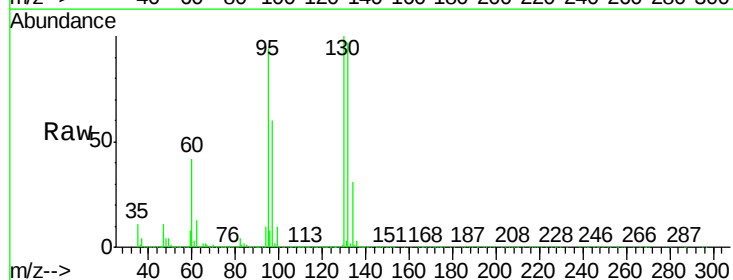
MMDadoda
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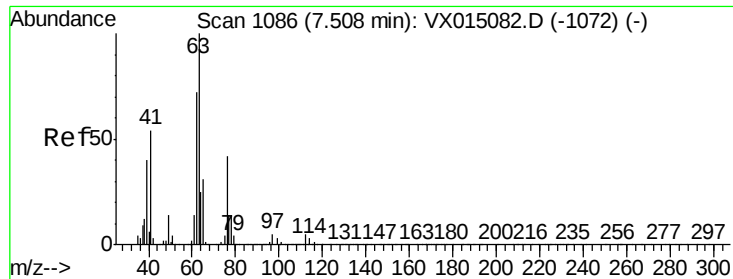


#44

Trichloroethene
 Concen: 148.273 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	181.2





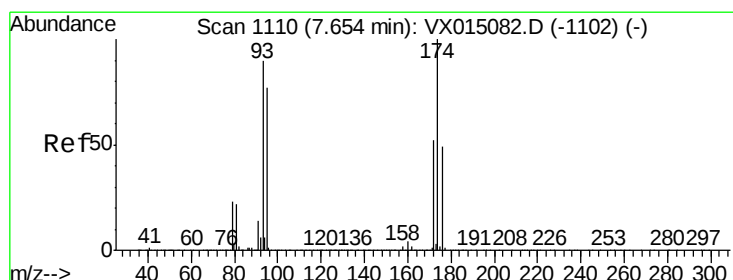
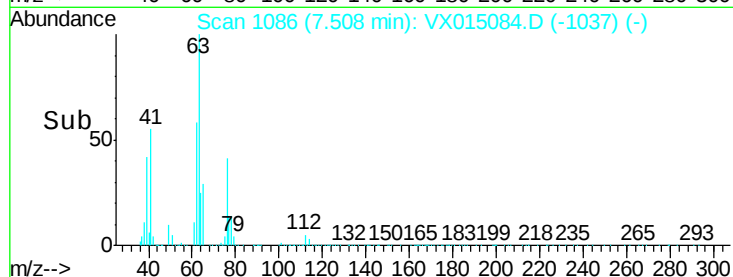
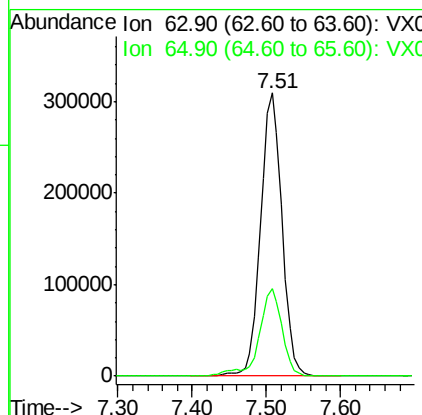
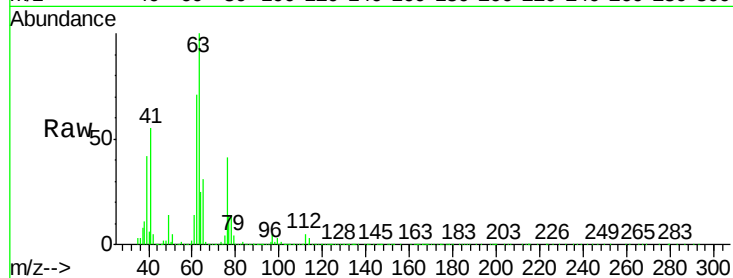
#45
 1,2-Dichloropropane
 Concen: 149.974 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.6	36.8

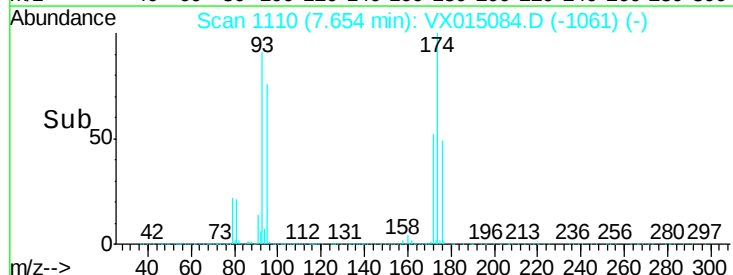
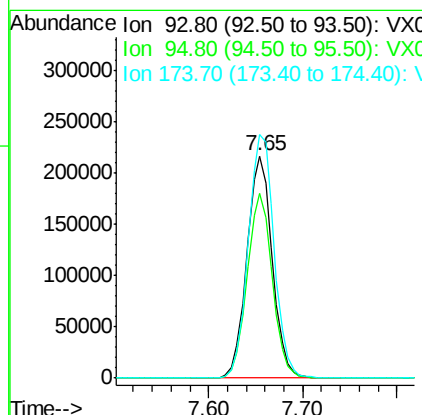
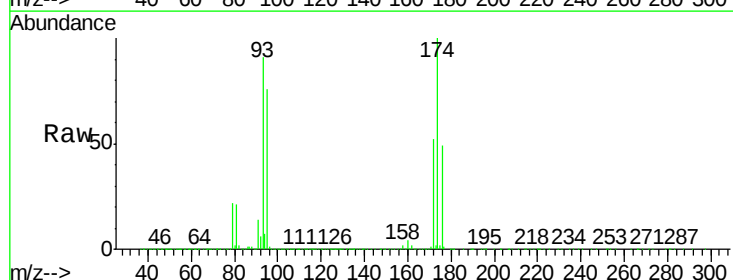
Manual Integrations
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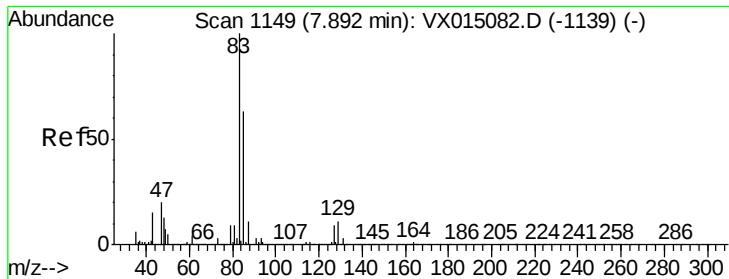
MMDadoda
 3/5/2020 12:32:39 PM



#46
 Dibromomethane
 Concen: 150.582 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.8	101.8
174	112.2	91.0	136.4





#47

Bromodichloromethane

Concen: 156.688 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

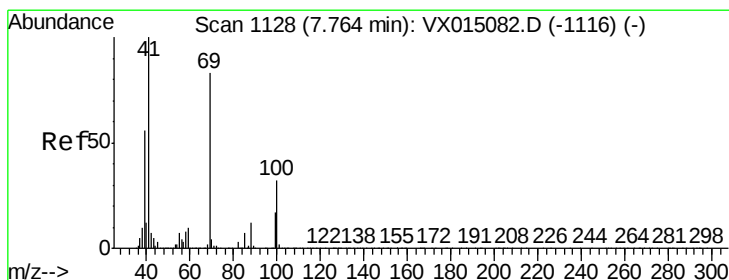
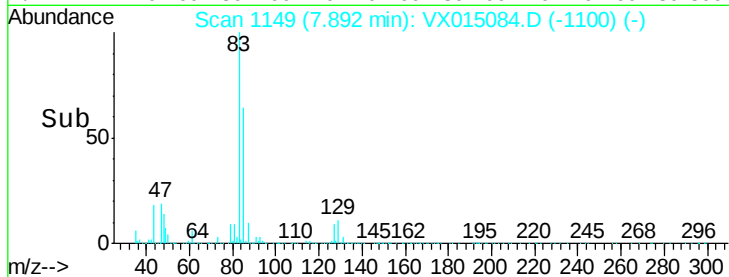
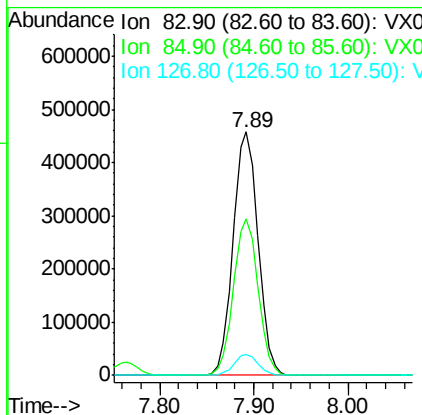
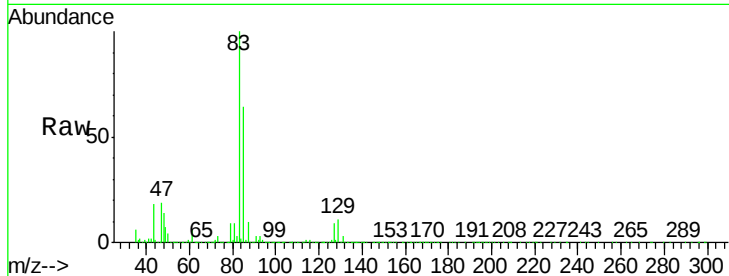
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	840447
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.6	75.8
127	8.5	7.1	10.7

Manual Integrations
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3/5/2020 12:32:39 PM



#48

Methyl methacrylate

Concen: 155.703 ug/l

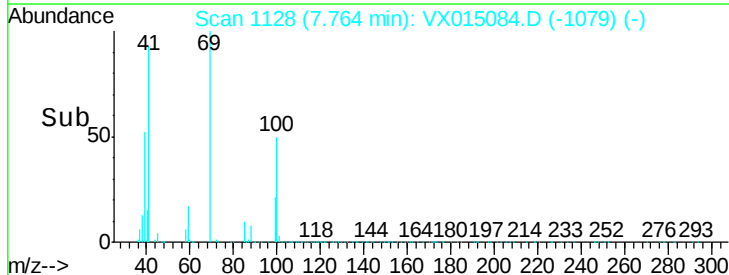
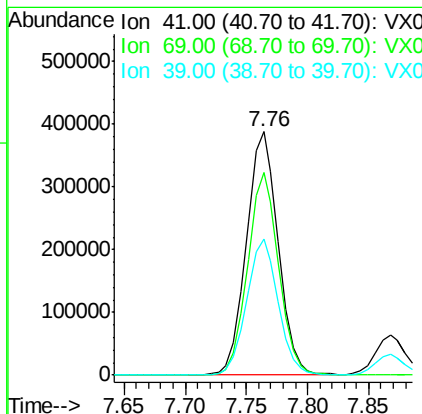
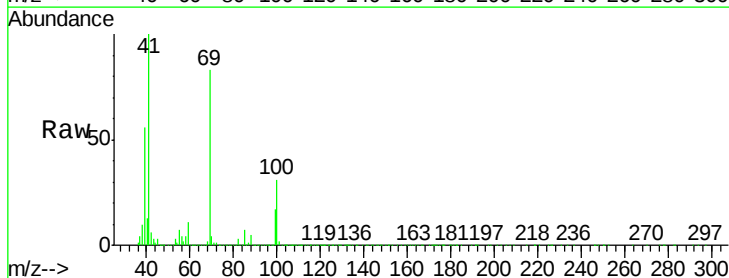
RT: 7.76 min Scan# 1128

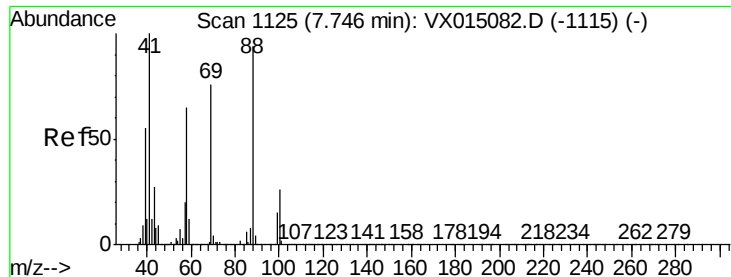
Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:	41	Resp:	701027
Ion Ratio	Lower	Upper	
41	100		
69	81.7	65.4	98.2
39	55.5	44.6	67.0





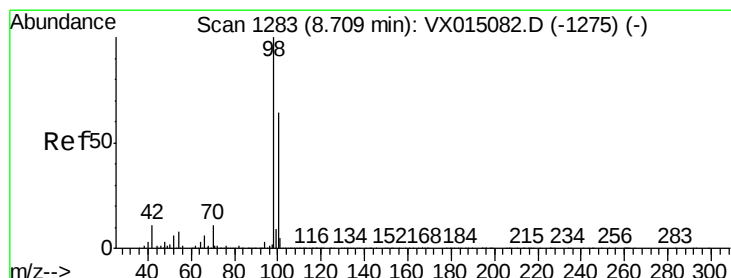
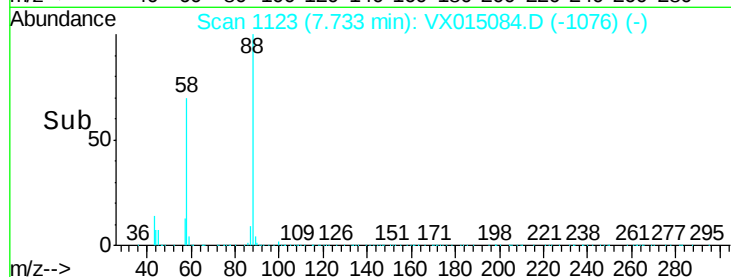
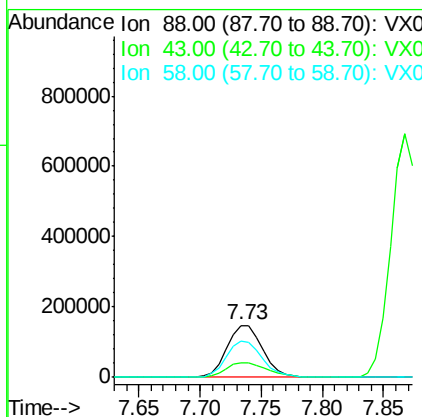
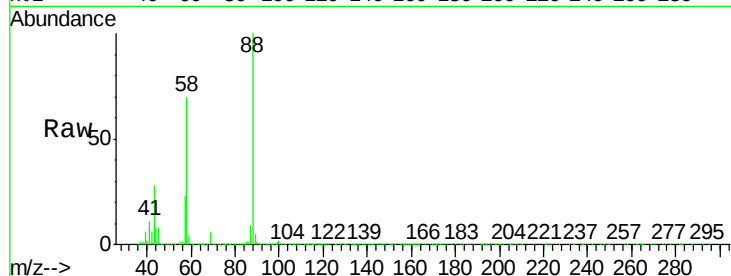
#49
1,4-Dioxane
Concen: 3027.355 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	27.0	40.4
58	70.8	55.6	83.4

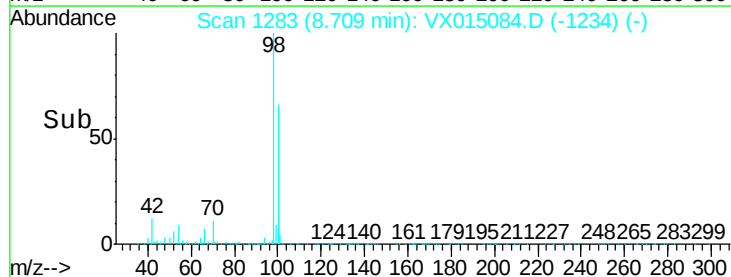
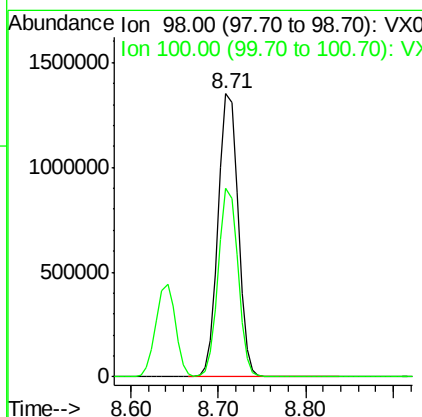
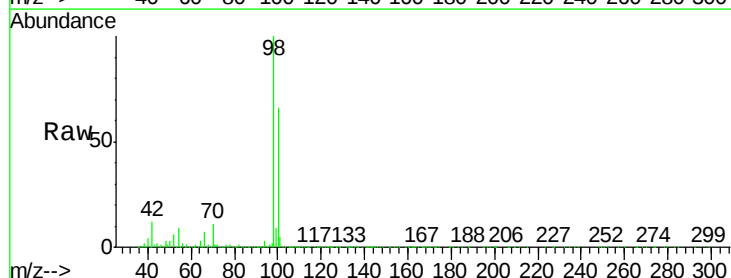
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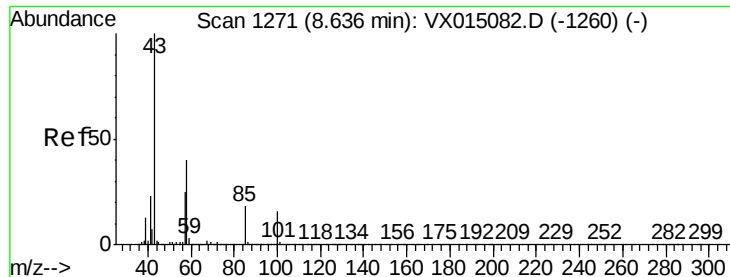
MMDadoda
3/5/2020 12:32:39 PM



#50
Toluene-d8
Concen: 152.002 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 816.015 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 4267422

Ion Ratio Lower Upper

43 100

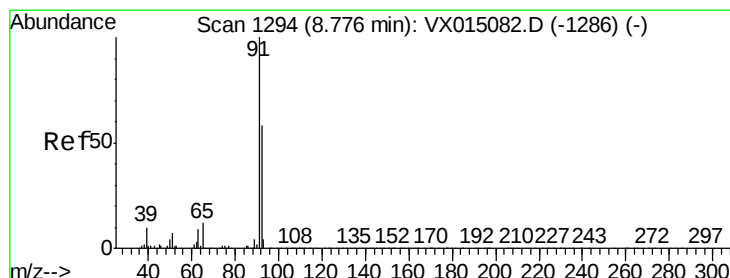
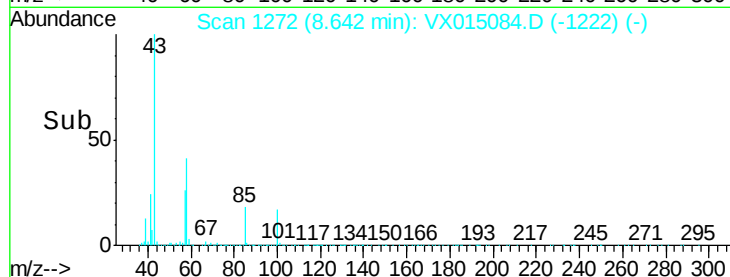
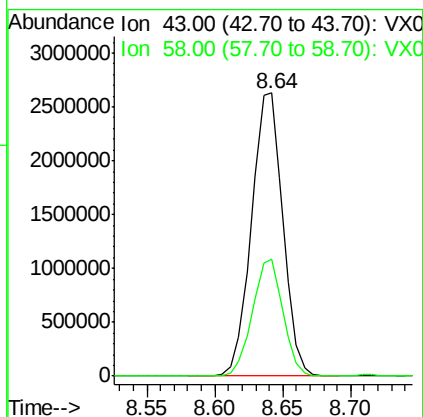
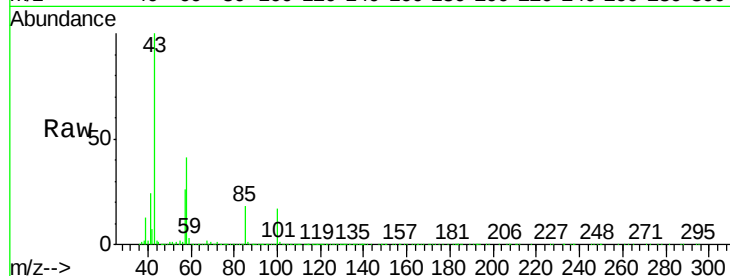
58 40.3 31.6 47.4

Manual Integrations

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3/5/2020 12:32:39 PM



#52

Toluene

Concen: 152.890 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015084.D

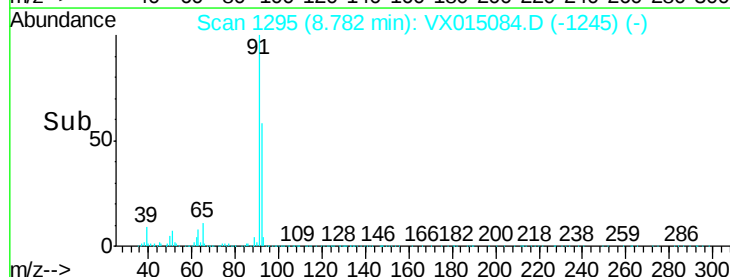
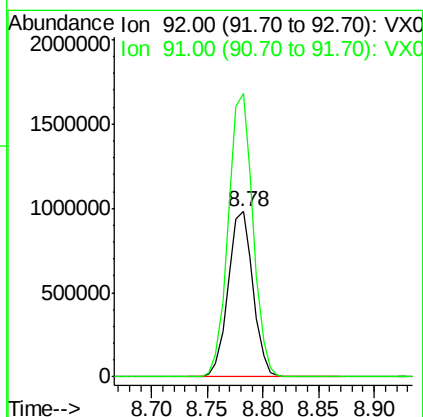
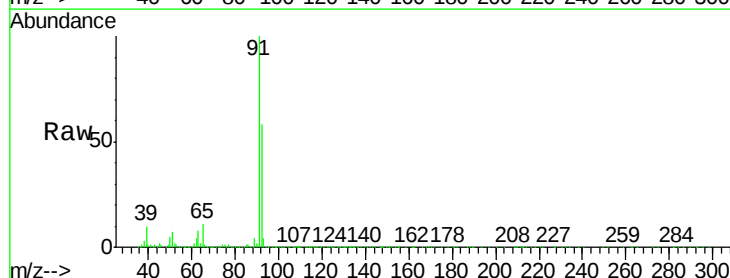
Acq: 04 Mar 2020 10:32

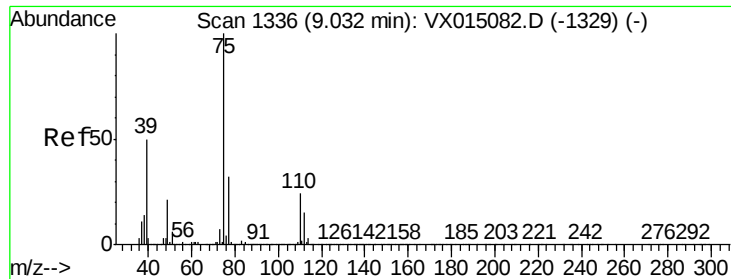
Tgt Ion: 92 Resp: 1503348

Ion Ratio Lower Upper

92 100

91 171.1 136.9 205.3





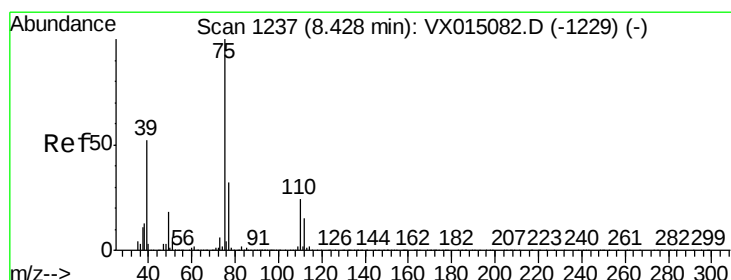
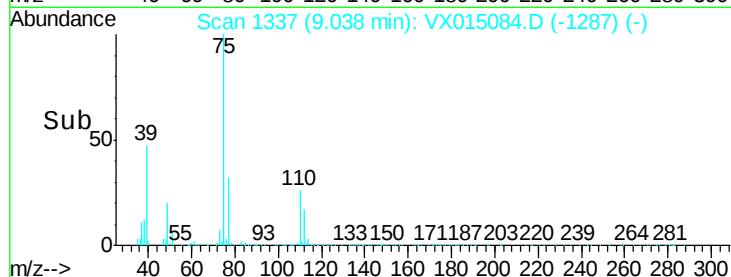
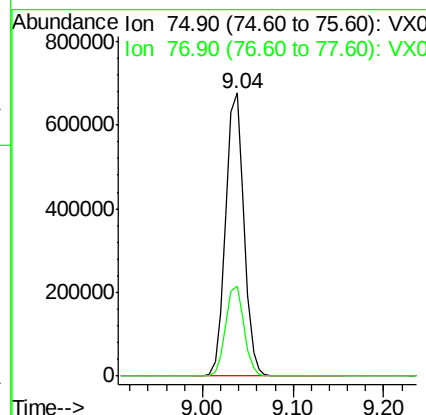
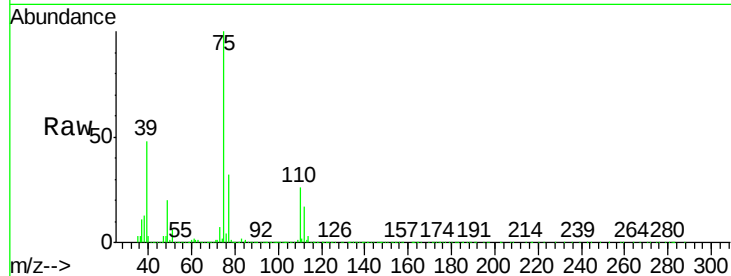
#53
t-1,3-Dichloropropene
Concen: 166.304 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 955608
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

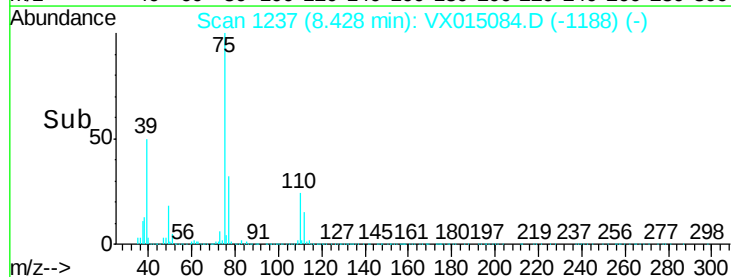
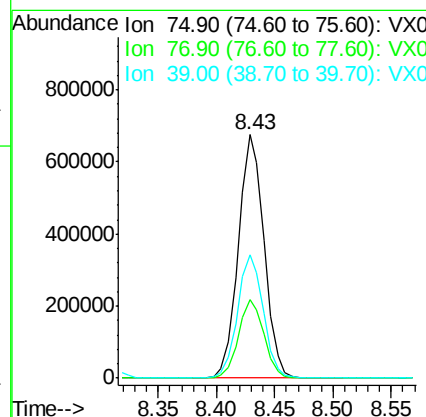
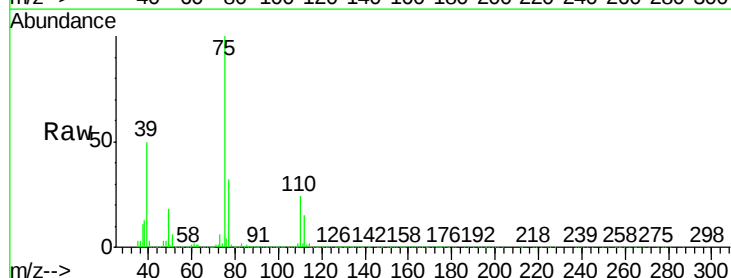
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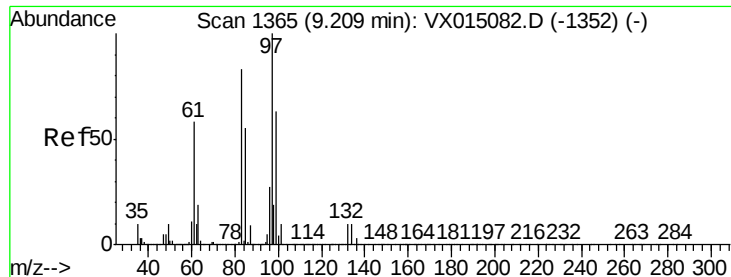
MMDadoda
3/5/2020 12:32:39 PM



#54
cis-1,3-Dichloropropene
Concen: 160.949 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 75 Resp: 1038766
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
39 50.4 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 149.061 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

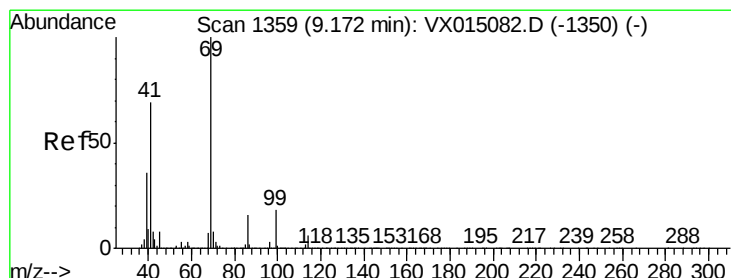
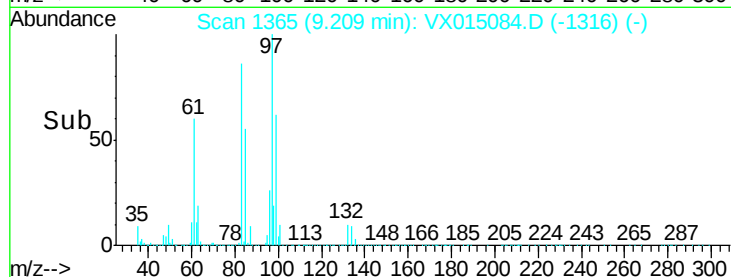
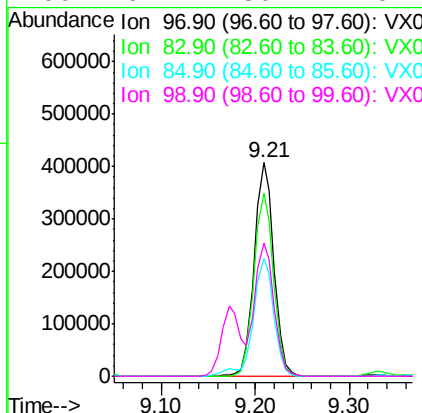
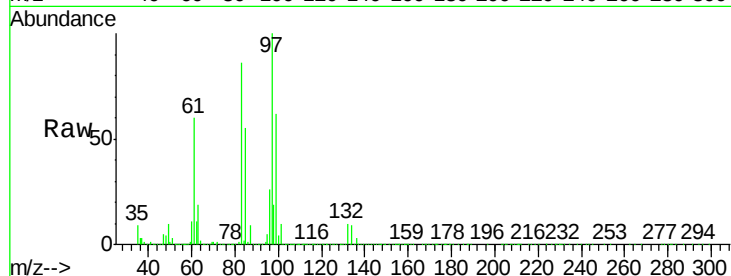
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		603311		
83	85.9	66.4	99.6		
85	55.2	43.5	65.3		
99	62.1	50.7	76.1		

Manual Integrations
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3/5/2020 12:32:39 PM



#56

Ethyl methacrylate

Concen: 172.562 ug/l

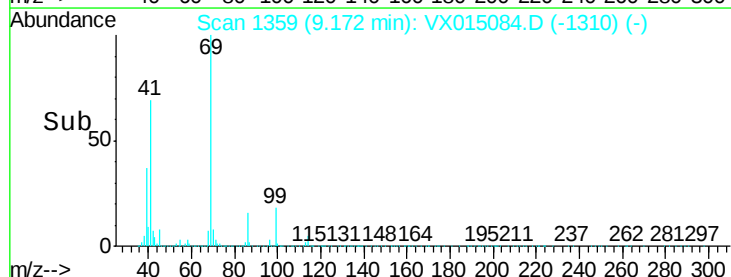
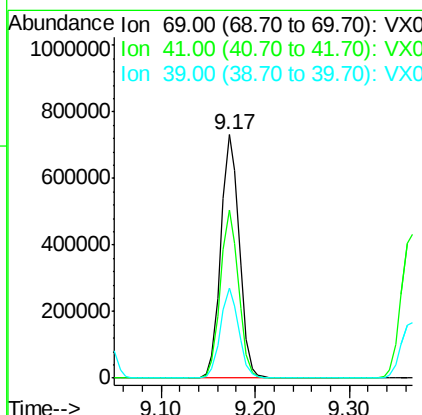
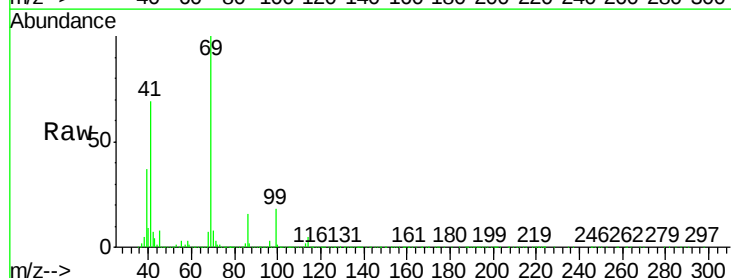
RT: 9.17 min Scan# 1359

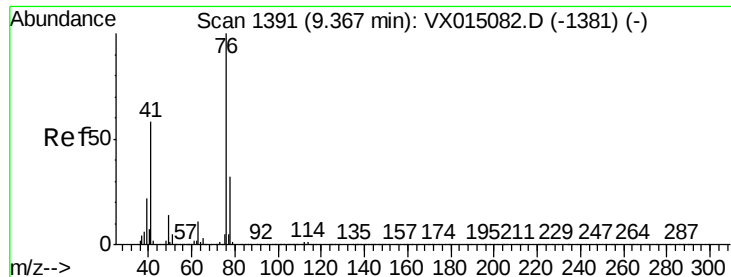
Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		996066		
41	67.9	55.8	83.8		
39	36.5	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 150.250 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1023075

Ion Ratio Lower Upper

76 100

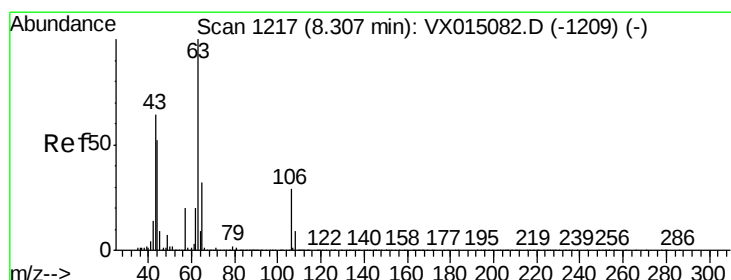
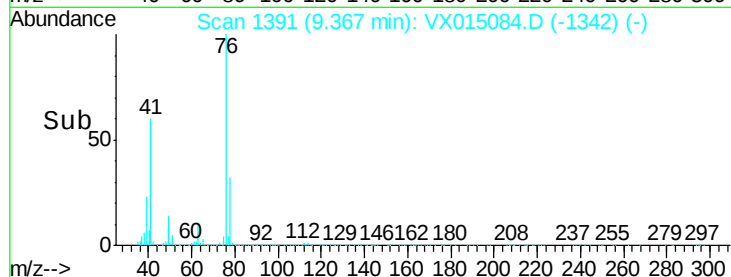
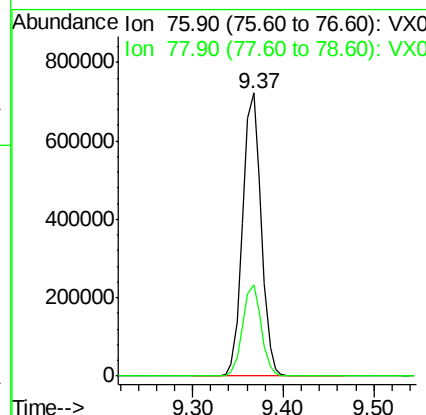
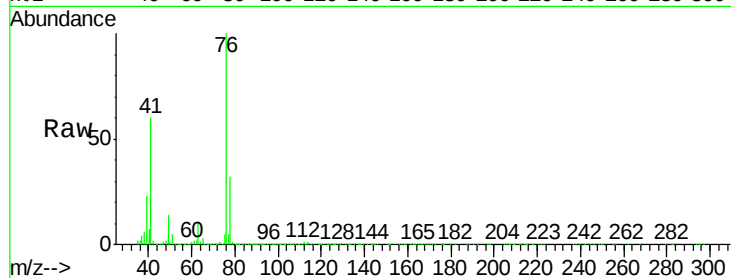
78 32.4 25.6 38.4

Manual Integrations

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3/5/2020 12:32:39 PM



#58

2-Chloroethyl Vinyl ether

Concen: 800.720 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015084.D

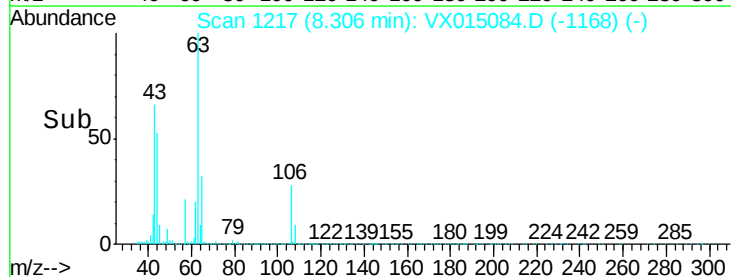
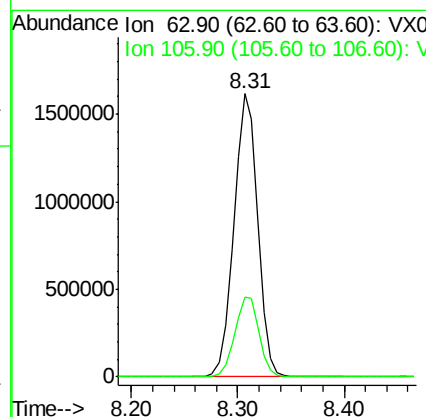
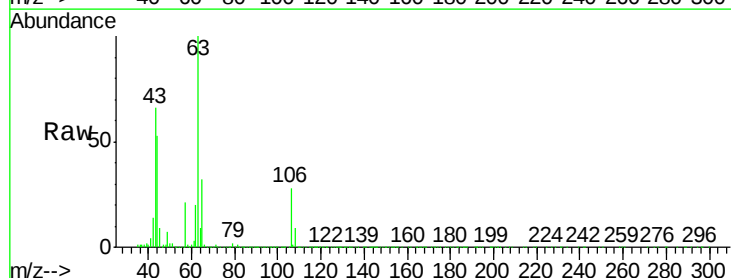
Acq: 04 Mar 2020 10:32

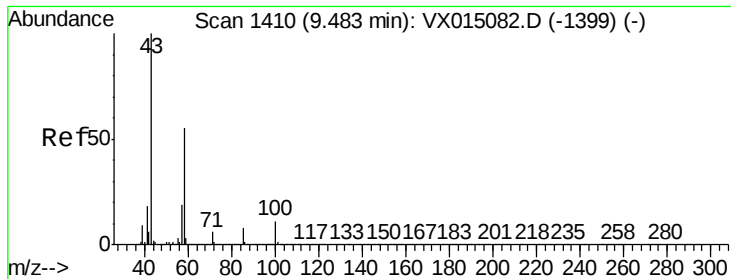
Tgt Ion: 63 Resp: 2518157

Ion Ratio Lower Upper

63 100

106 28.8 22.8 34.2





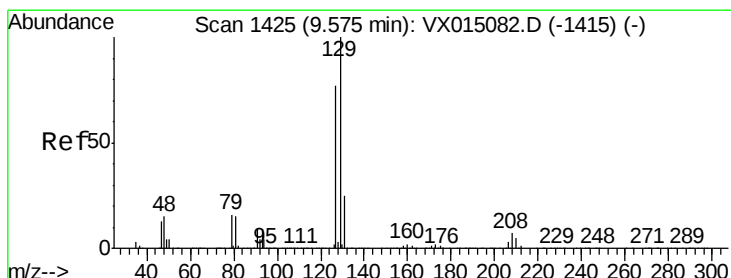
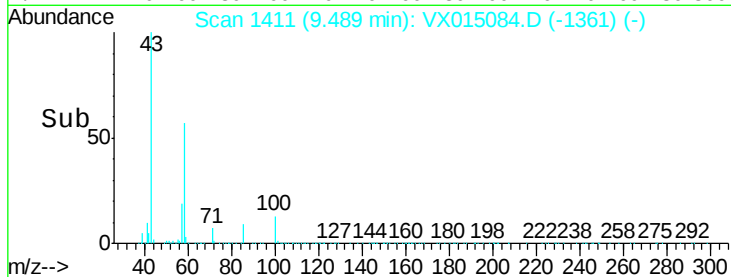
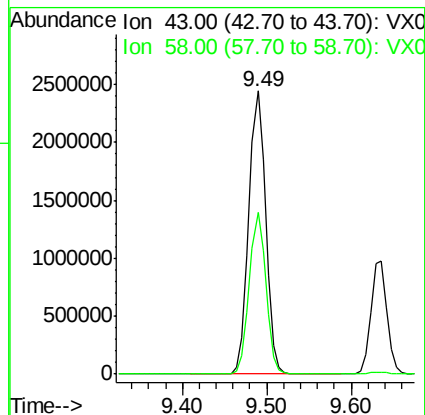
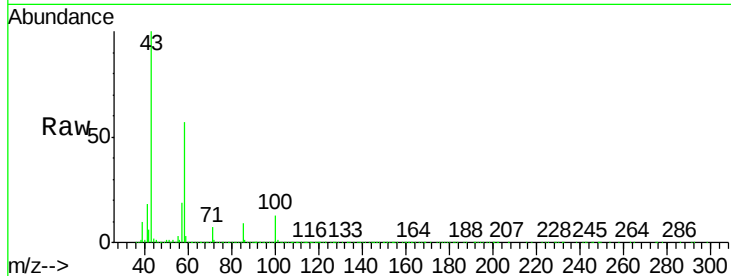
#59
2-Hexanone
Concen: 839.406 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 3253443
Ion Ratio Lower Upper
43 100
58 56.3 27.3 81.8

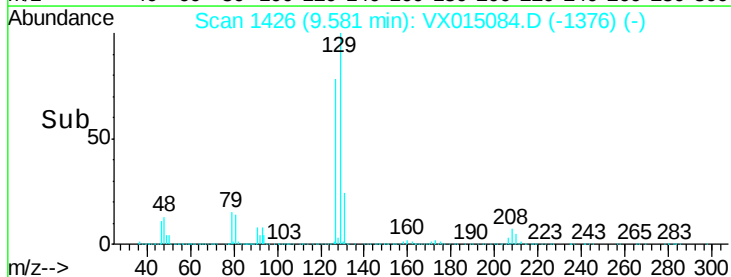
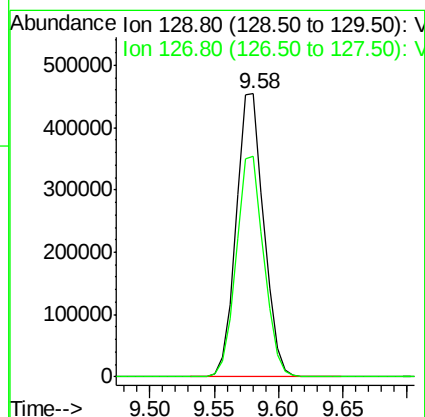
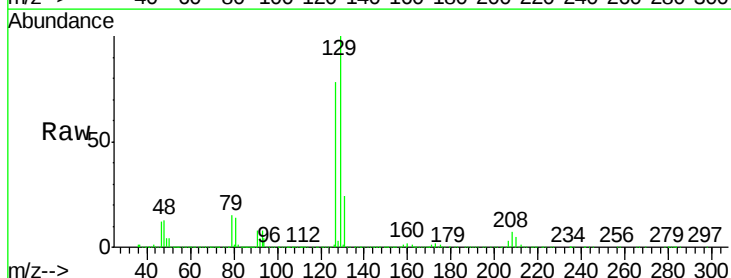
Manual Integrations
APPROVED

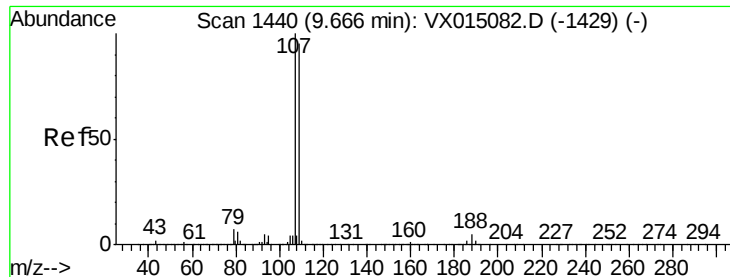
MMDadoda
3/5/2020 12:32:39 PM



#60
Dibromochloromethane
Concen: 159.651 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 129 Resp: 678778
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 149.300 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 107 Resp: 634709

Ion Ratio Lower Upper

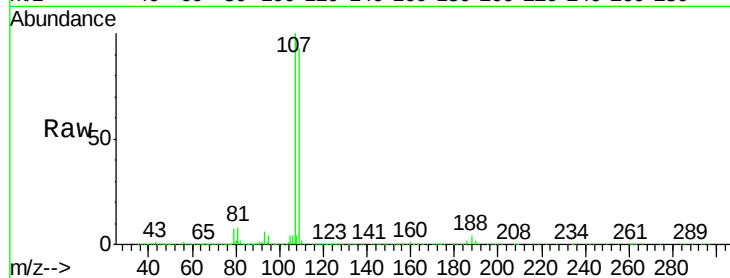
107 100

109 94.5 75.6 113.4

Manual Integrations
APPROVED

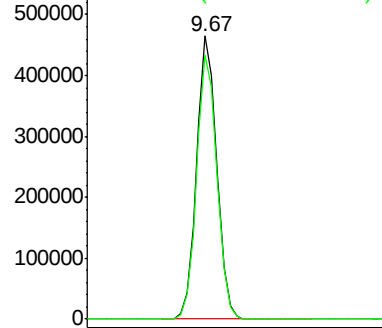
MMDadoda

3/5/2020 12:32:39 PM

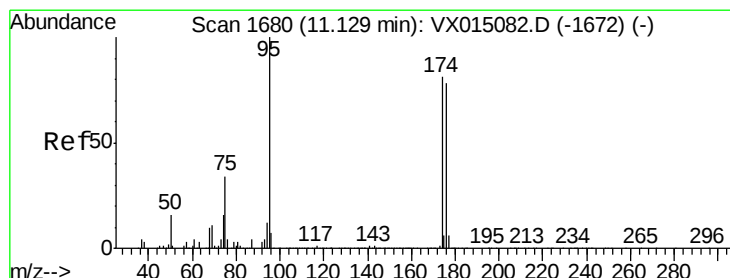
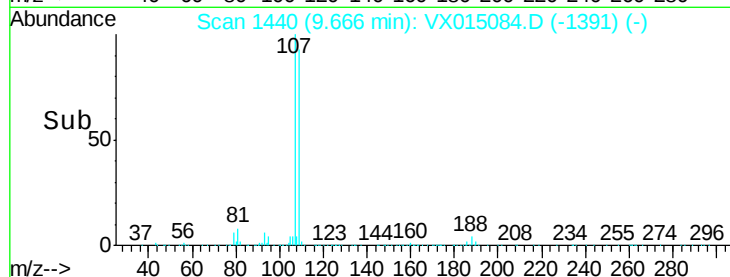


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 162.113 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

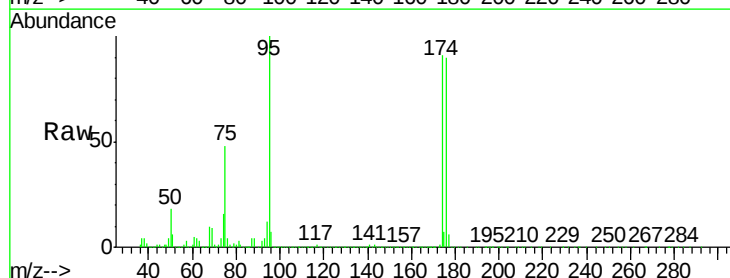
Tgt Ion: 95 Resp: 813143

Ion Ratio Lower Upper

95 100

174 88.3 0.0 177.6

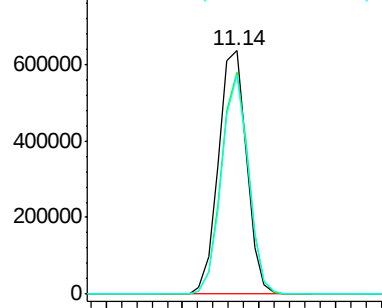
176 85.9 0.0 170.2



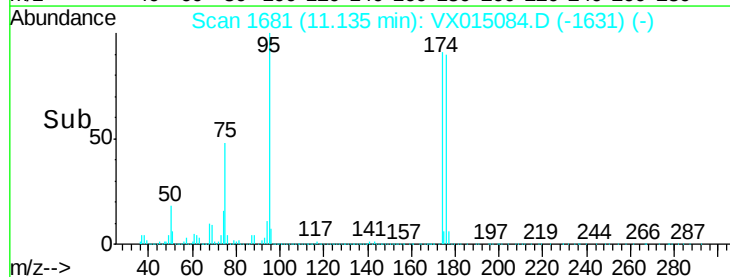
Abundance Ion 94.90 (94.60 to 95.60): VX0

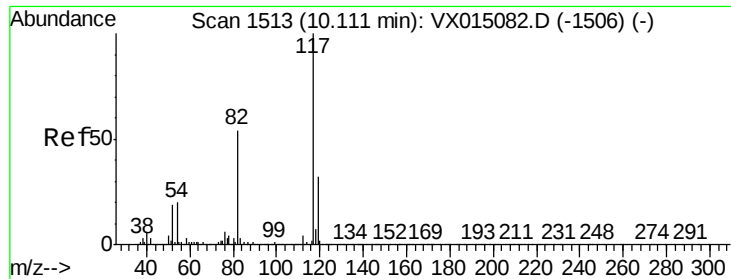
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





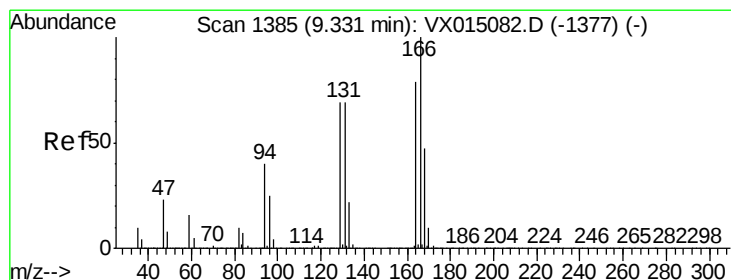
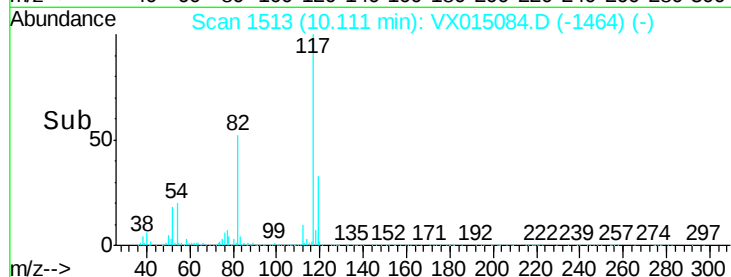
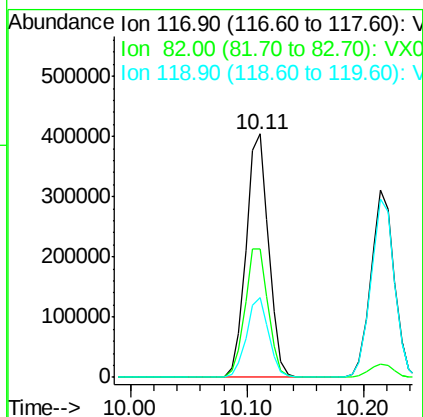
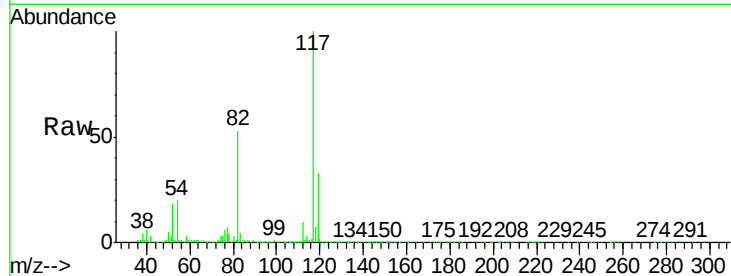
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.3	64.9
119	32.6	25.8	38.8

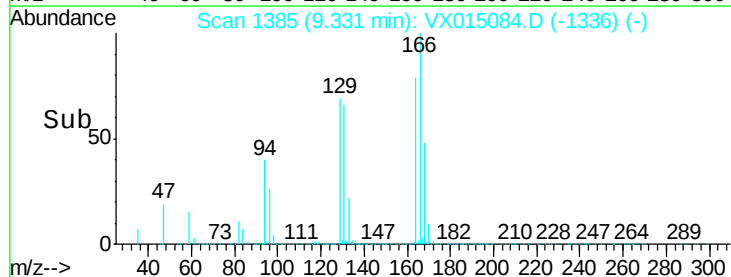
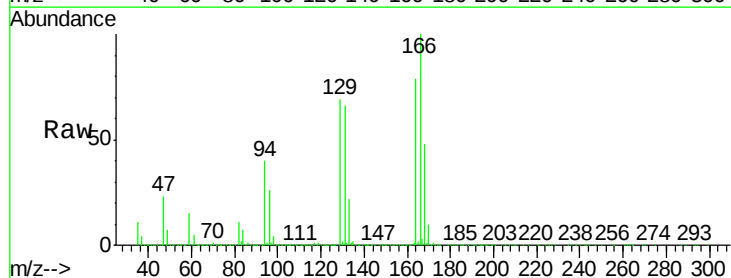
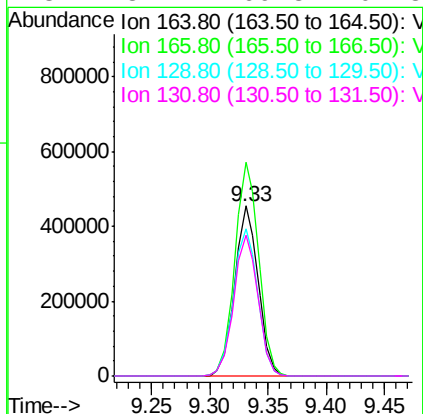
Manual Integrations
APPROVED

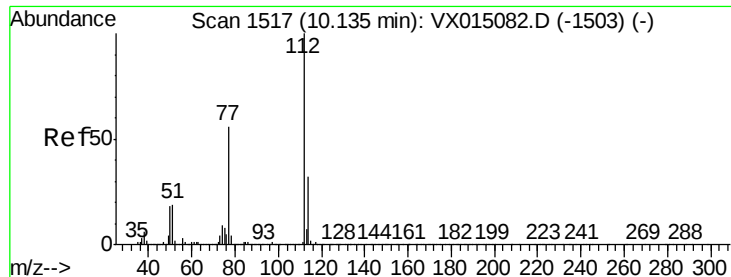
MMDadoda
3/5/2020 12:32:39 PM



#64
Tetrachloroethene
Concen: 141.897 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	101.1	151.7
129	87.0	69.4	104.0
131	82.7	69.8	104.8





#65

Chlorobenzene

Concen: 151.716 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion:112 Resp: 1661225

Ion Ratio Lower Upper

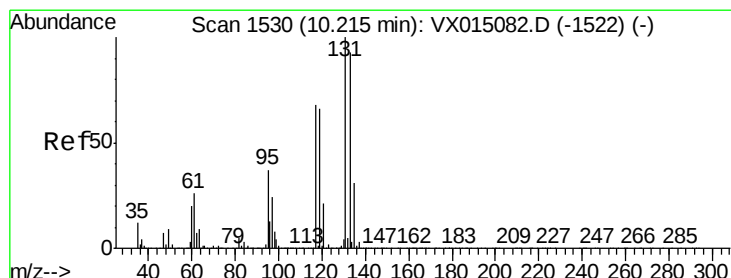
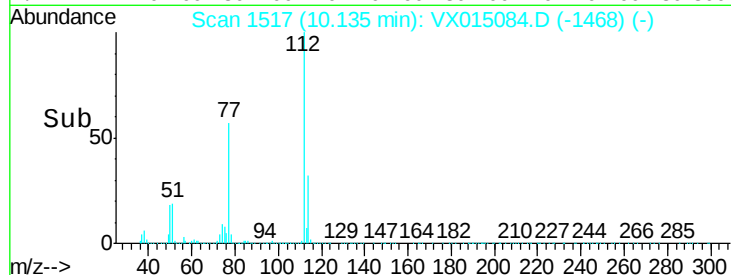
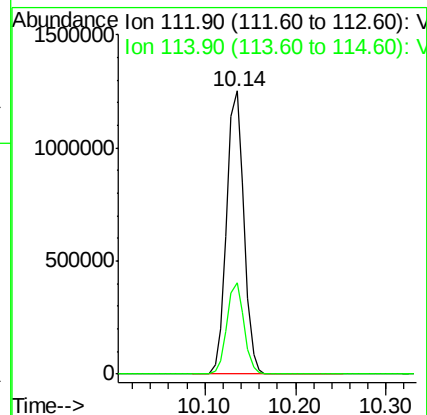
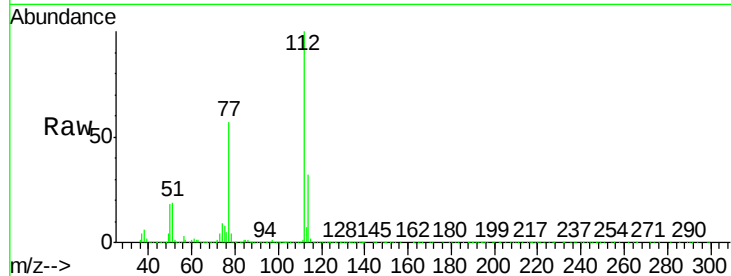
112 100

114 32.2 25.5 38.3

Manual Integrations
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3/5/2020 12:32:39 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 149.877 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

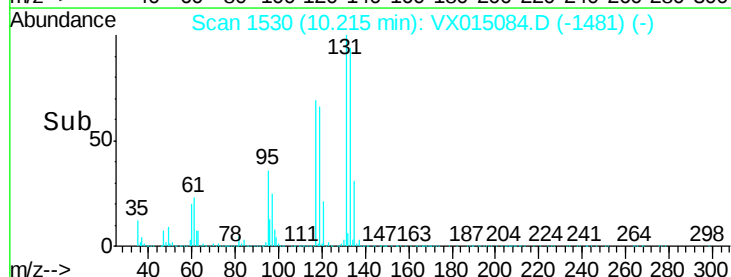
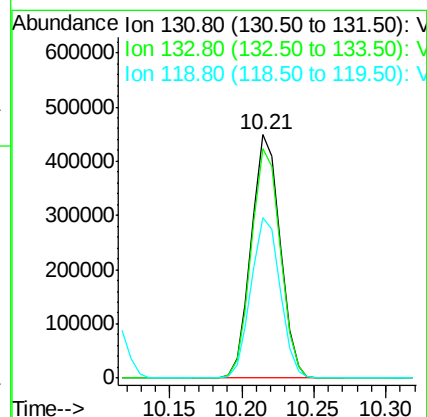
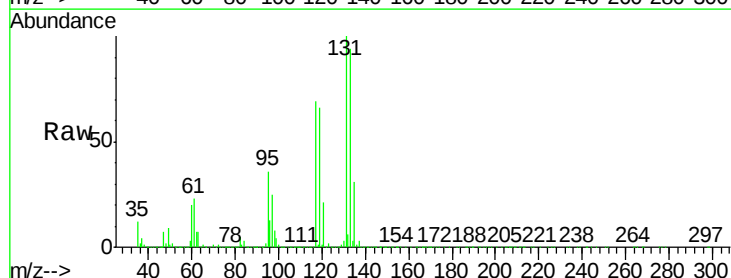
Tgt Ion:131 Resp: 618808

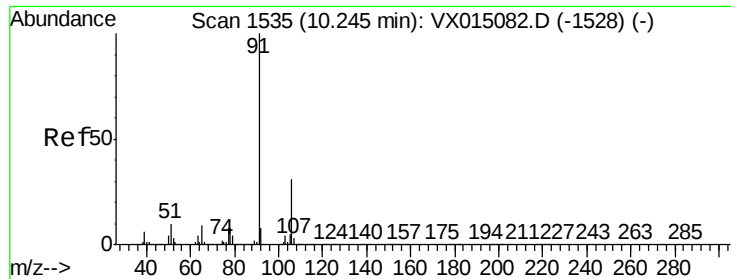
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.5

119 66.7 33.4 100.1





#67

Ethyl Benzene

Concen: 157.002 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2919194

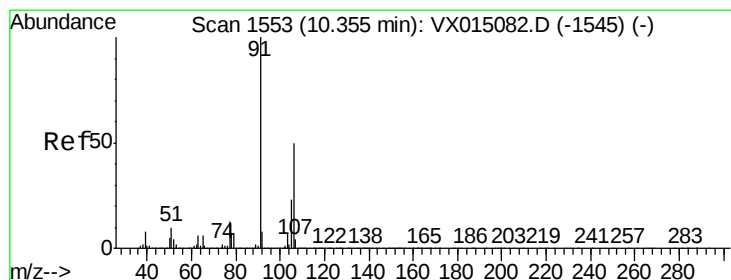
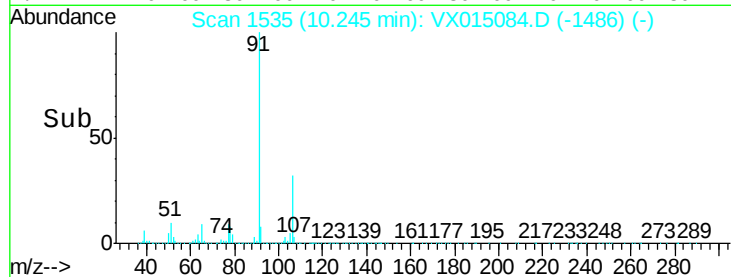
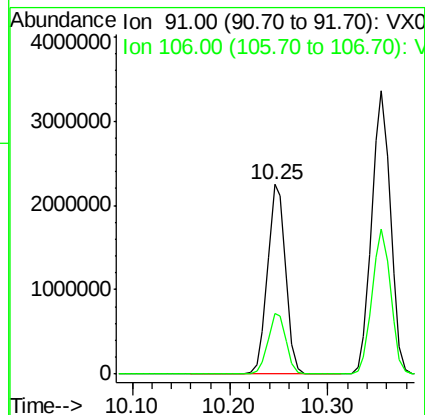
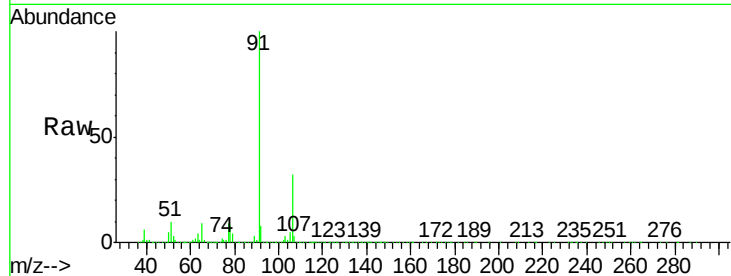
Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3

Manual Integrations
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3/5/2020 12:32:39 PM



#68

m/p-Xylenes

Concen: 322.469 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015084.D

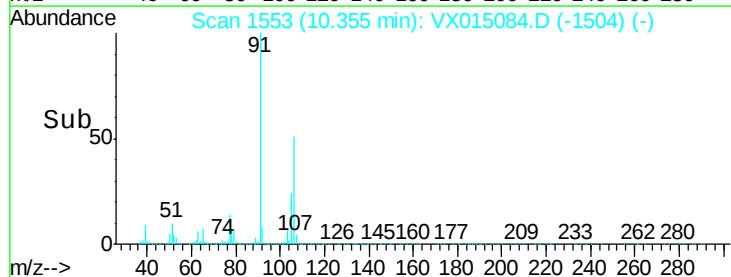
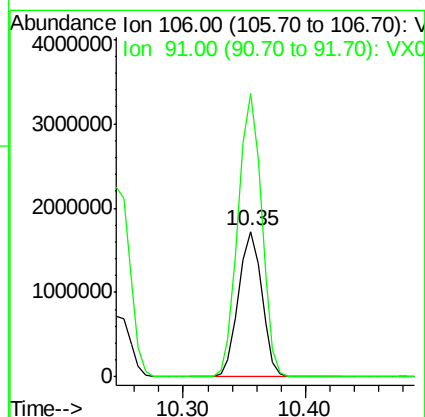
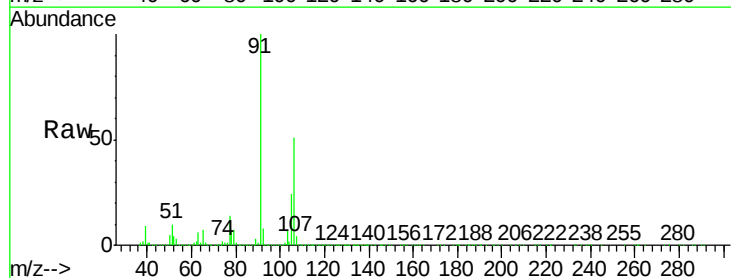
Acq: 04 Mar 2020 10:32

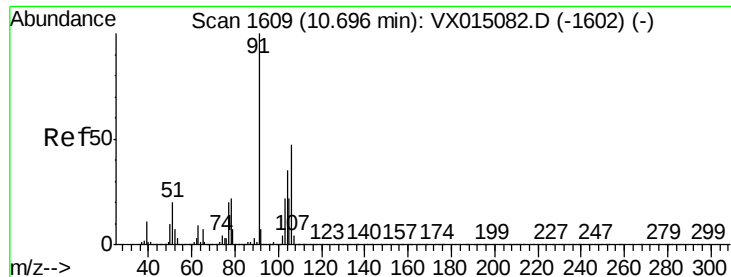
Tgt Ion: 106 Resp: 2281186

Ion Ratio Lower Upper

106 100

91 196.4 159.4 239.2





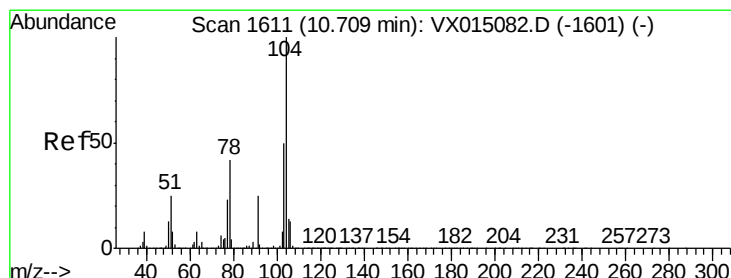
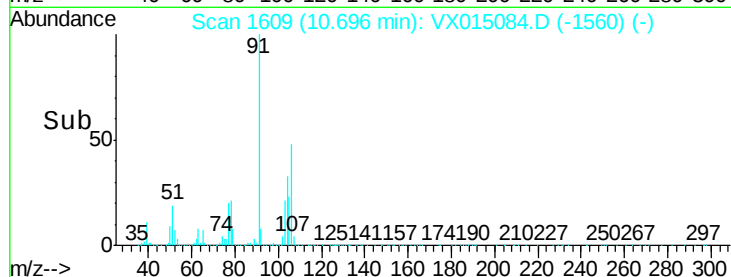
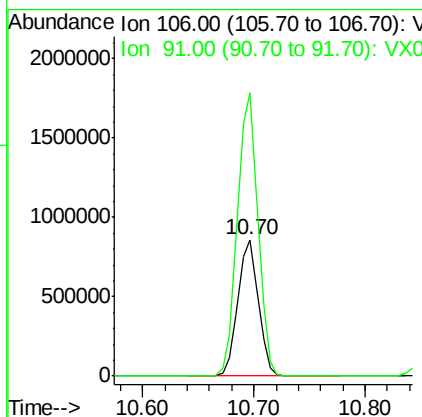
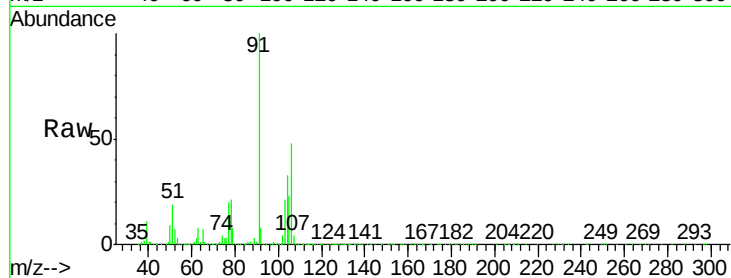
#69
o-Xylene
Concen: 161.742 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1095481
Ion Ratio Lower Upper
106 100
91 209.2 105.4 316.1

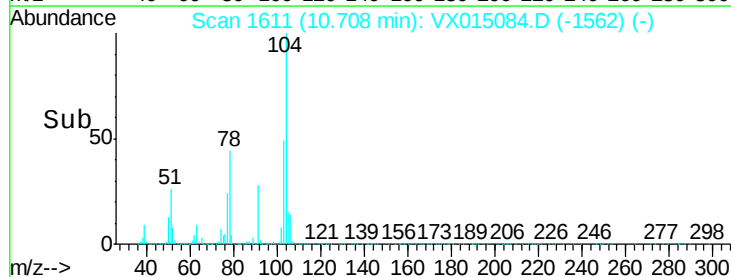
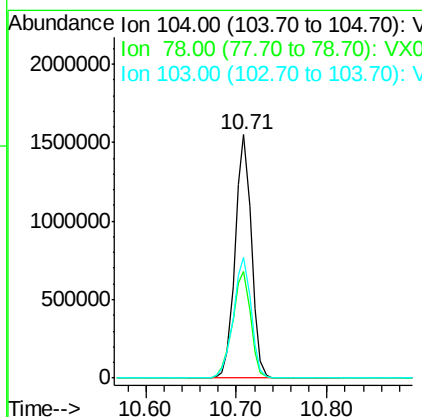
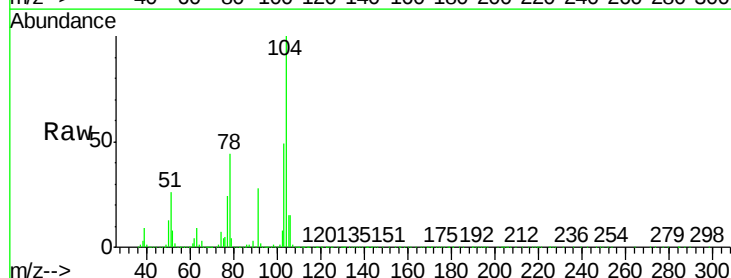
Manual Integrations
APPROVED

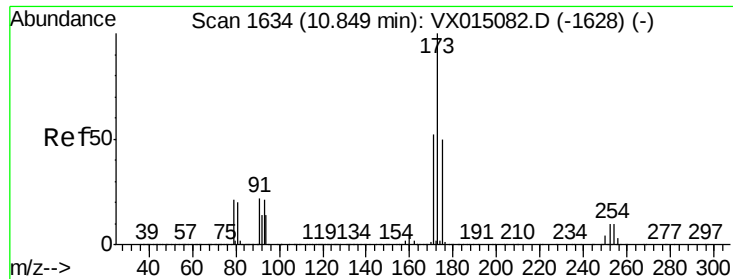
MMDadoda
3/5/2020 12:32:39 PM



#70
Styrene
Concen: 165.556 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion:104 Resp: 1922621
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 54.3 43.7 65.5





#71

Bromoform

Concen: 171.576 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

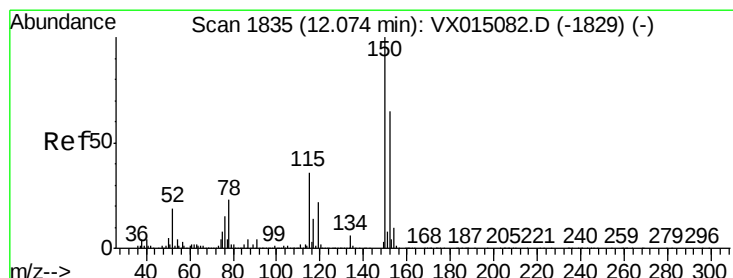
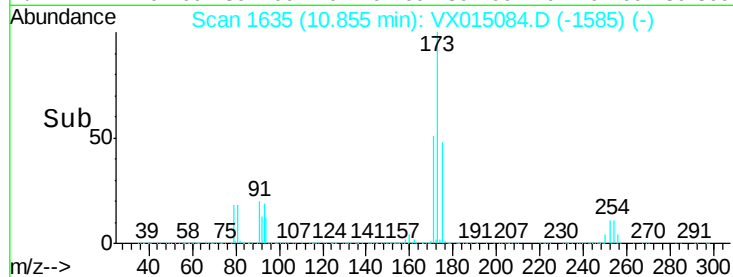
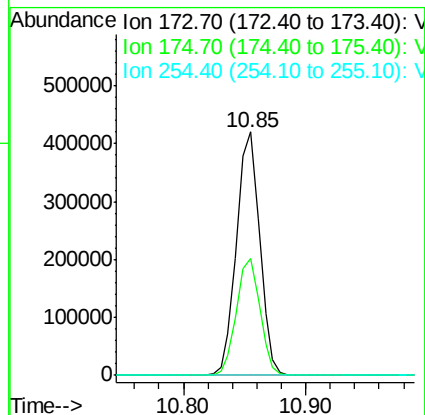
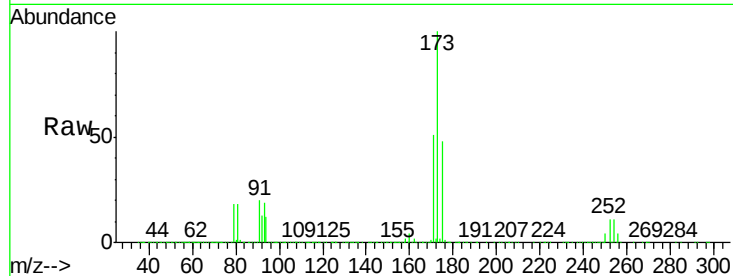
ClientSampled :

VSTDIC150

Tot Ion:	173	Resp:	549338
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.9	74.7
254	0.2	0.2	0.2

Manual Integrations
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3/5/2020 12:32:39 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

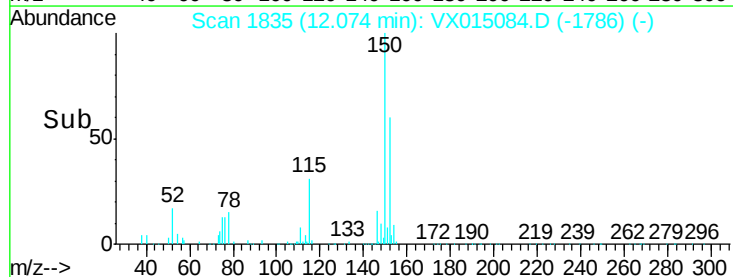
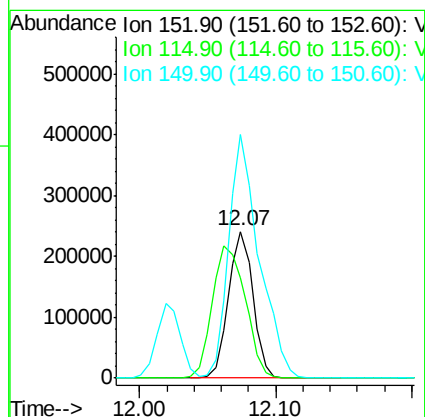
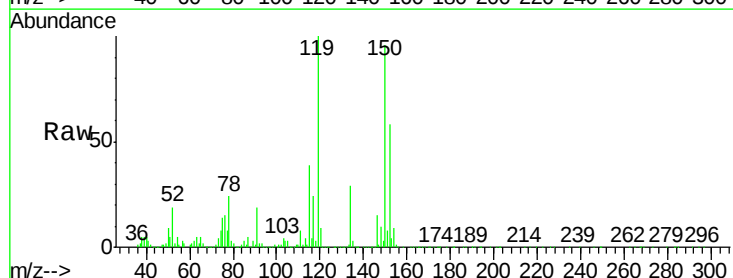
RT: 12.07 min Scan# 1835

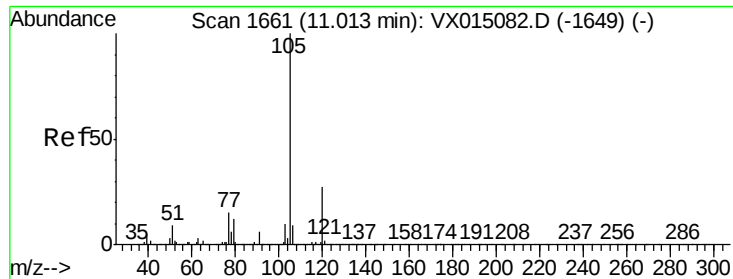
Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:	152	Resp:	300001
Ion Ratio	Lower	Upper	
152	100		
115	121.7	38.2	114.6#
150	207.1	0.0	343.8





#73

Isopropylbenzene

Concen: 150.044 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion:105 Resp: 2875486

Ion Ratio Lower Upper

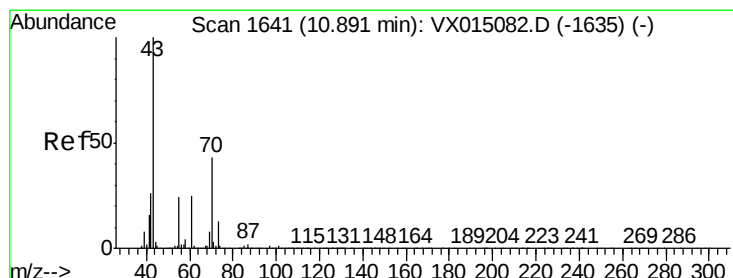
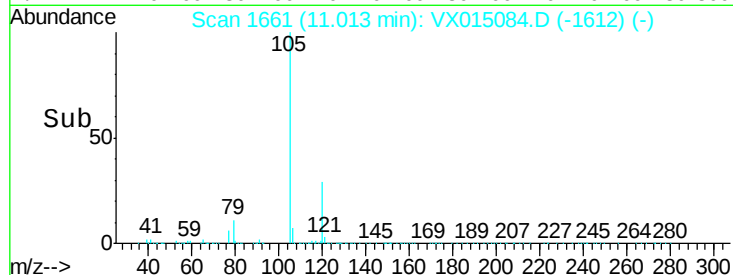
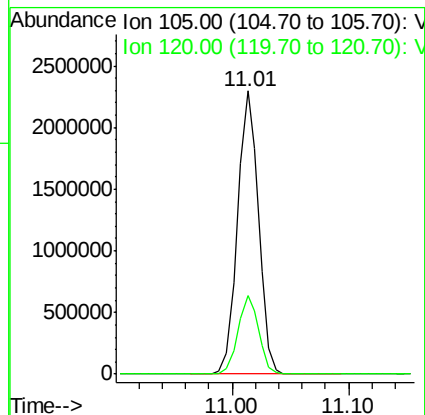
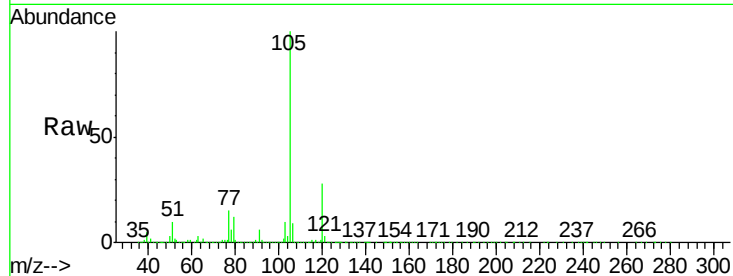
105 100

120 27.3 13.5 40.5

Manual Integrations
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3/5/2020 12:32:39 PM



#74

N-ethyl acetate

Concen: 167.311 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion: 43 Resp: 1351281

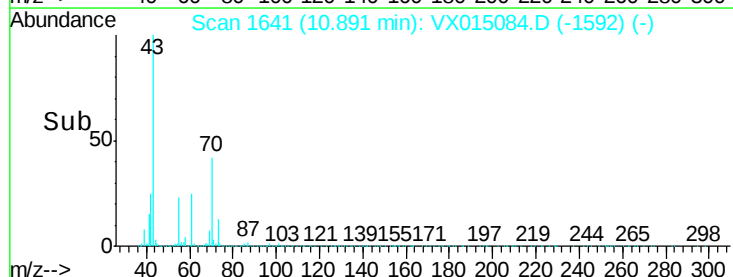
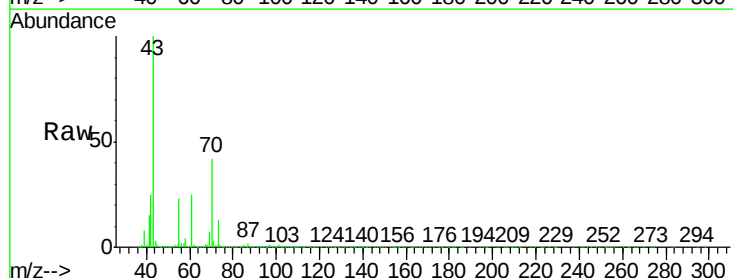
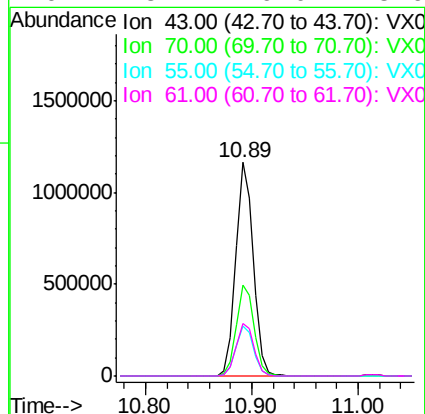
Ion Ratio Lower Upper

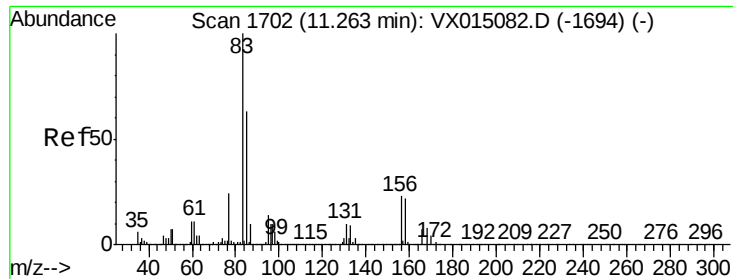
43 100

70 43.2 34.7 52.1

55 23.9 19.4 29.0

61 25.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 148.983 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

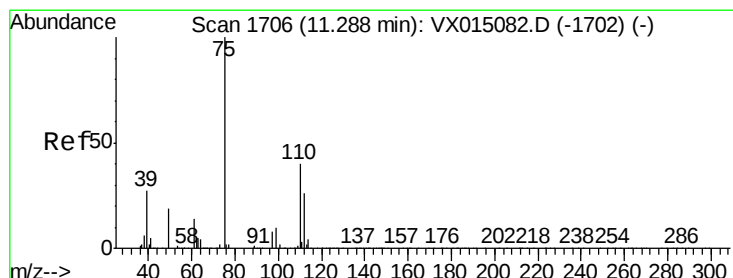
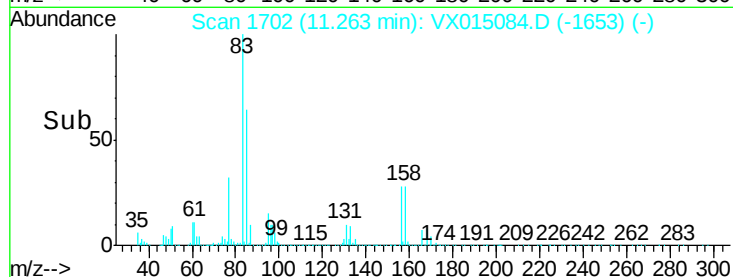
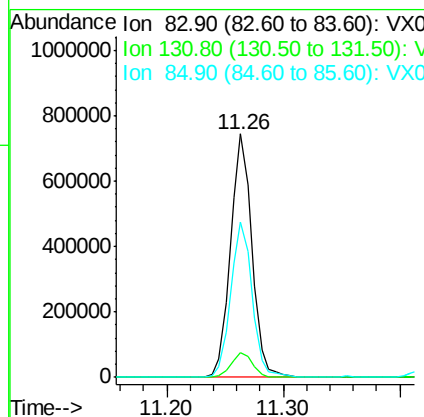
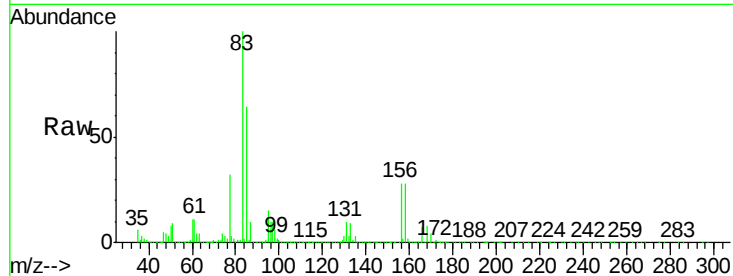
ClientSampleId :

VSTDICC150

Tot Ion:	83	Resp:	951520
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	64.2	31.9	95.9

Manual Integrations
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3/5/2020 12:32:39 PM



#76

1,2,3-Trichloropropane

Concen: 149.707 ug/l m

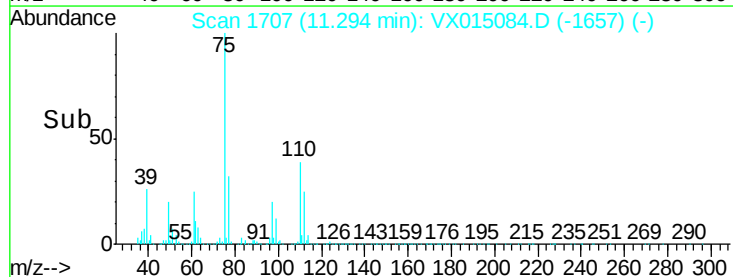
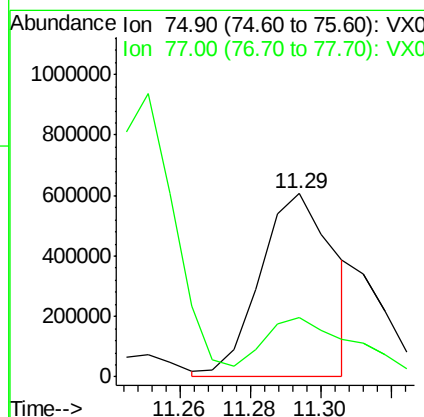
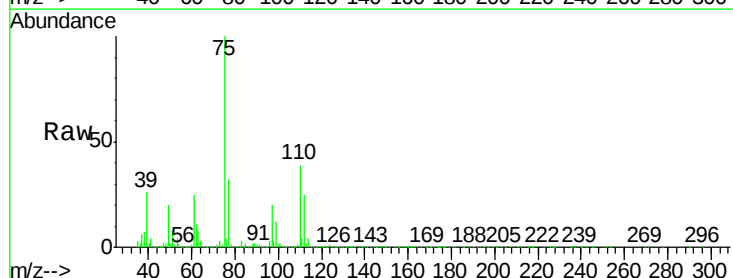
RT: 11.29 min Scan# 1707

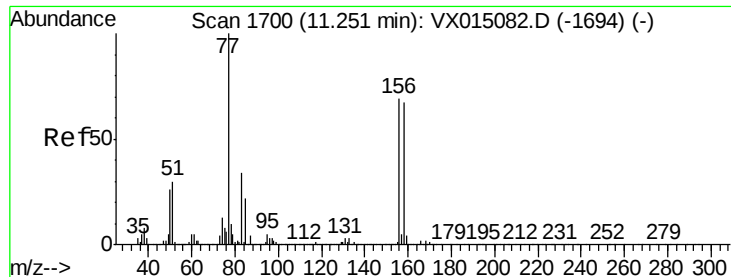
Delta R.T. 0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:	75	Resp:	881409
Ion Ratio	Lower	Upper	
75	100		
77	39.8	22.6	67.8





#77

Bromobenzene

Concen: 146.864 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

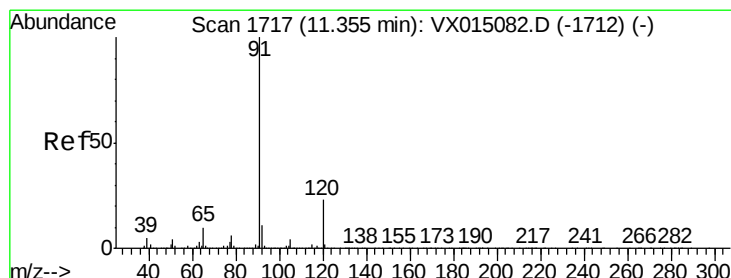
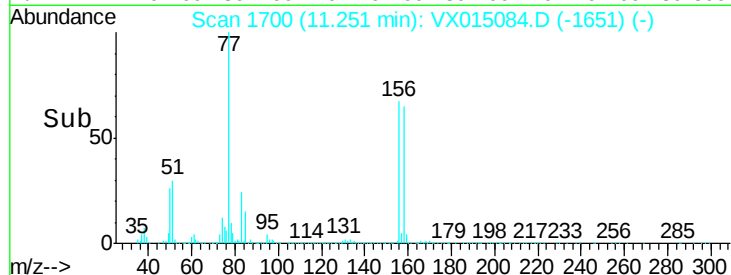
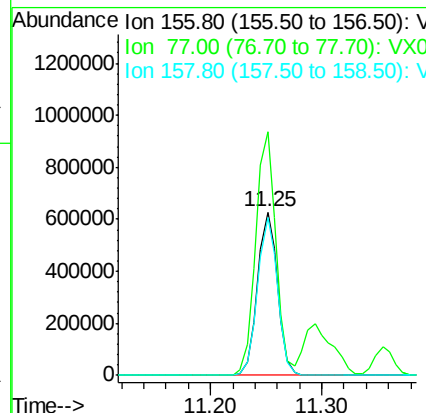
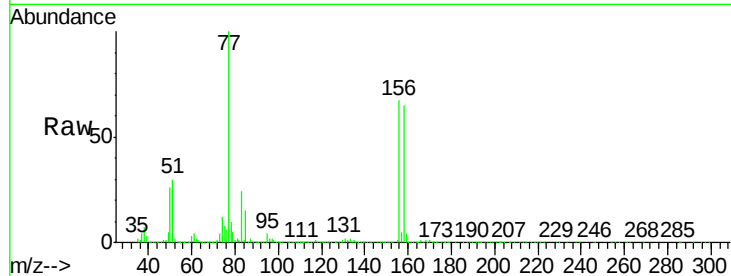
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.8	75.3	225.9
158	96.2	48.5	145.6

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#78

n-propylbenzene

Concen: 154.334 ug/l

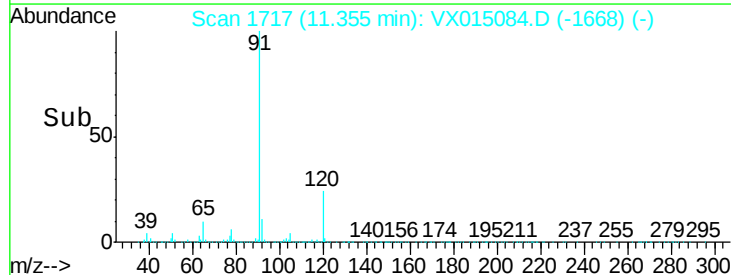
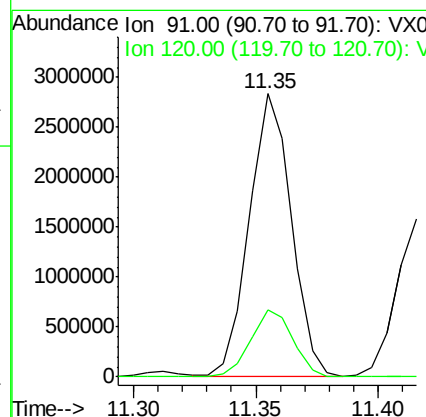
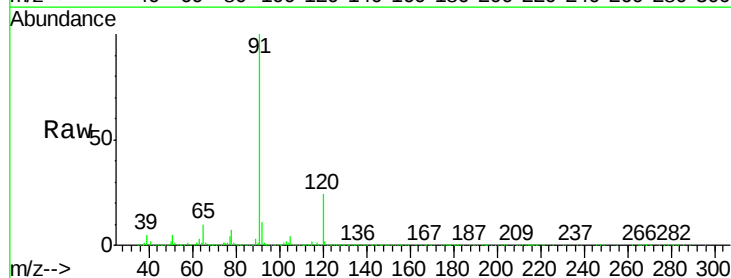
RT: 11.35 min Scan# 1717

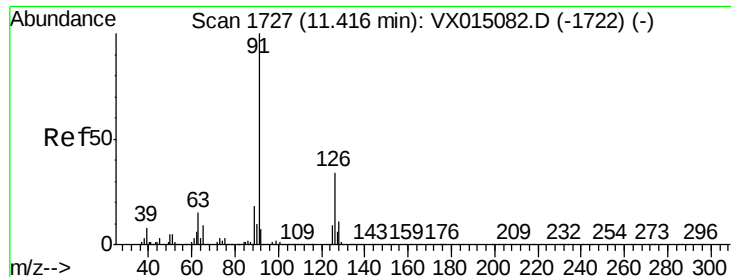
Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.7	35.1





#79

2-Chlorotoluene

Concen: 149.926 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1960322

Ion Ratio Lower Upper

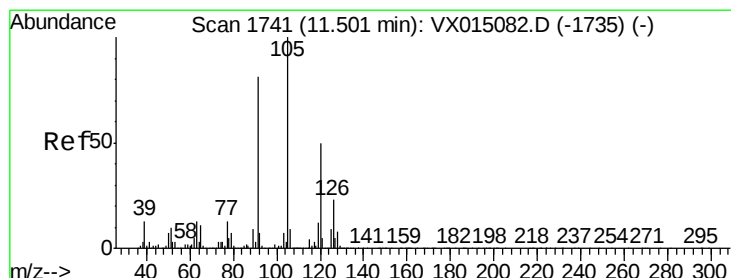
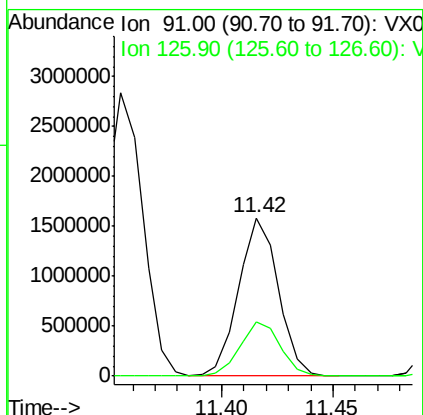
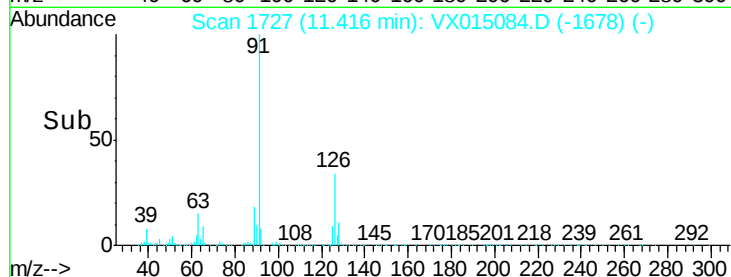
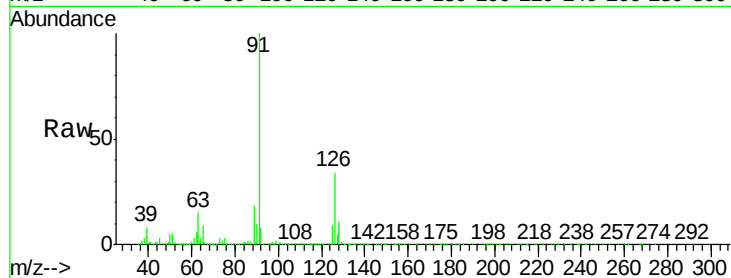
91 100

126 34.8 17.3 52.0

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3/5/2020 12:32:39 PM



#80

1,3,5-Trimethylbenzene

Concen: 157.473 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015084.D

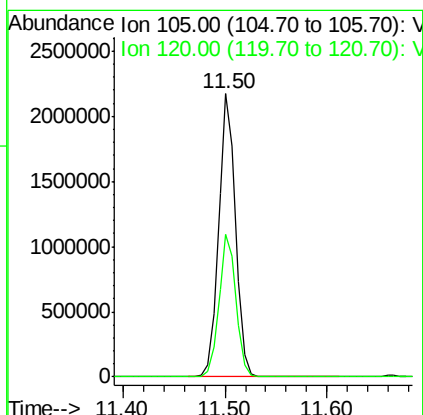
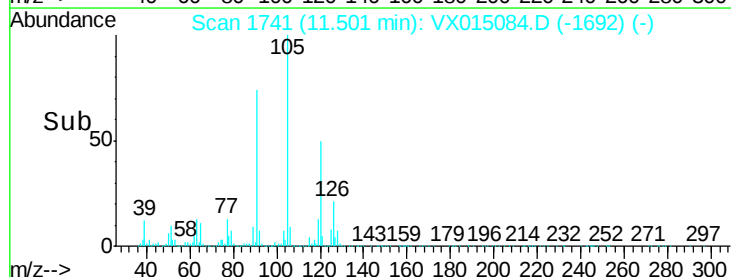
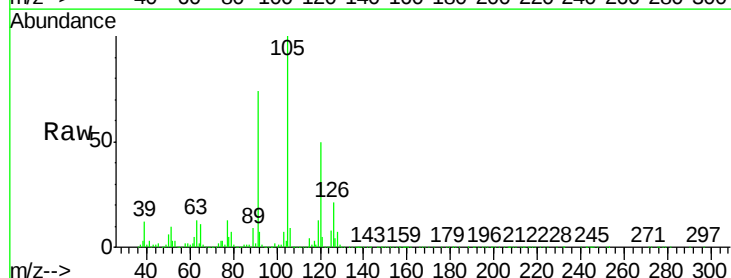
Acq: 04 Mar 2020 10:32

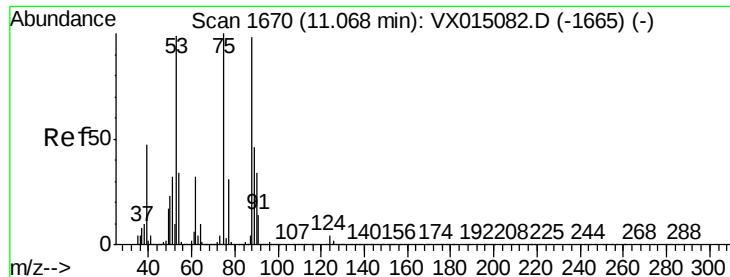
Tgt Ion: 105 Resp: 2512245

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.4





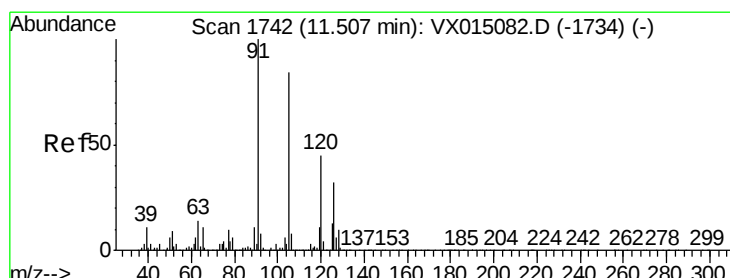
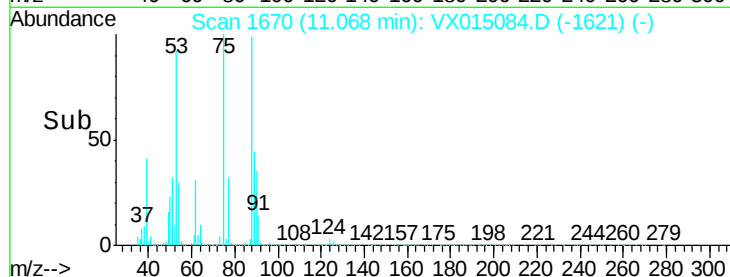
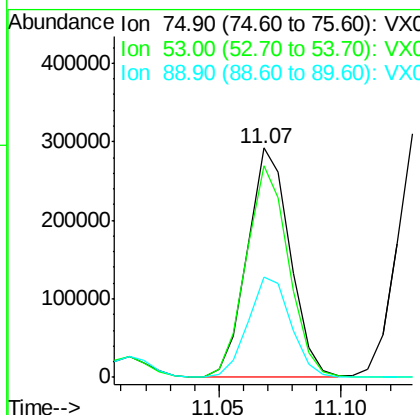
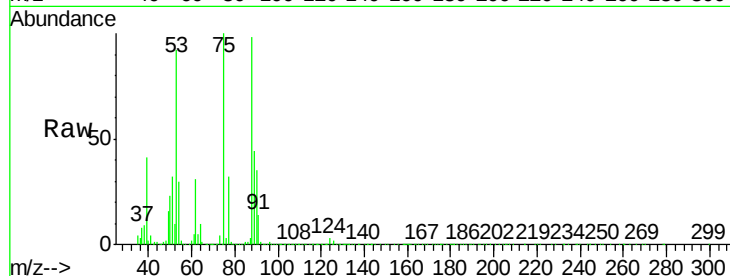
#81
trans-1,4-Dichloro-2-butene
Concen: 167.387 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.5	77.9	116.9
89	44.5	36.2	54.2

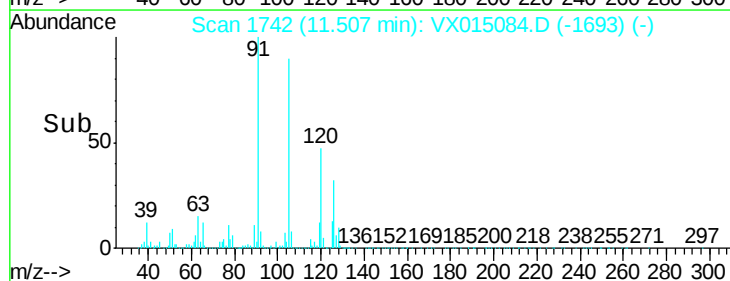
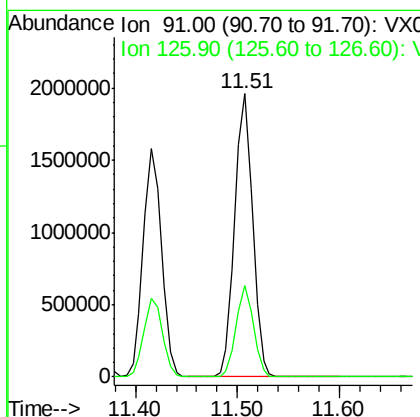
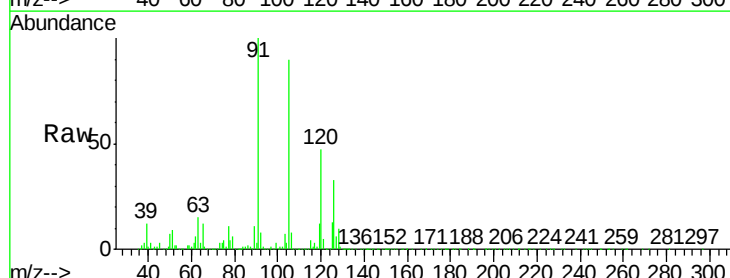
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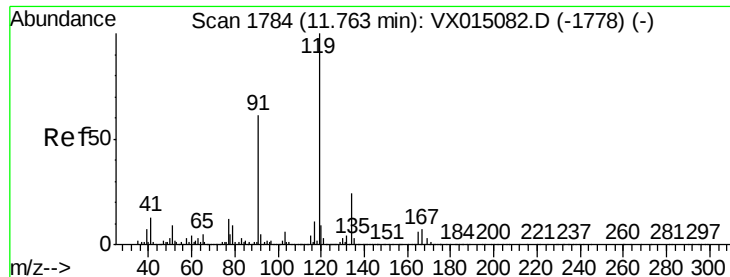
MMDadoda
3/5/2020 12:32:39 PM



#82
4-Chlorotoluene
Concen: 153.291 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.2





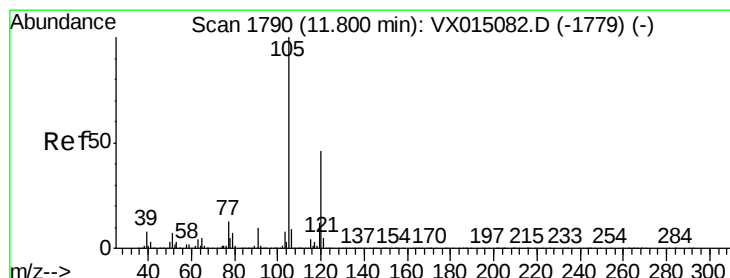
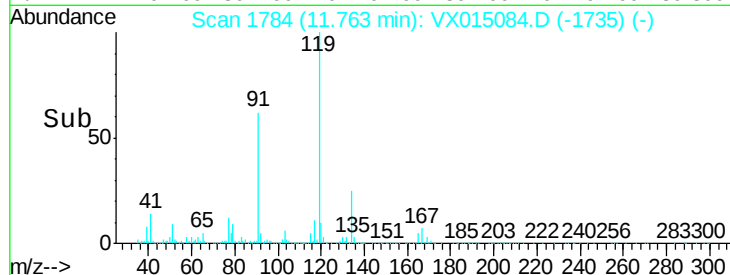
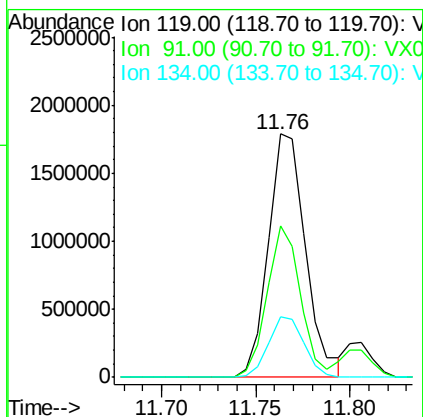
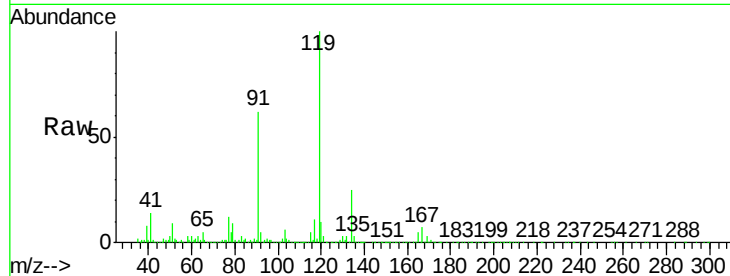
#83
tert-Butylbenzene
Concen: 159.452 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.4	28.5	85.6
134	23.7	11.9	35.7

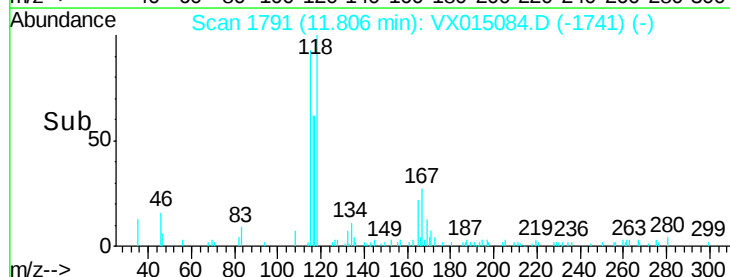
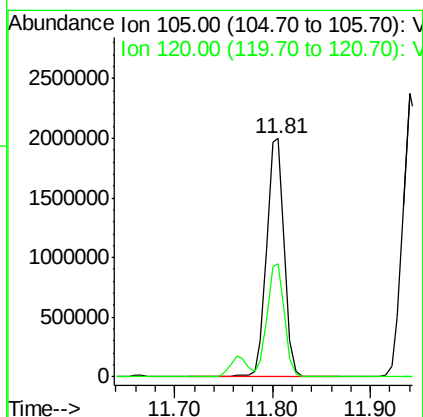
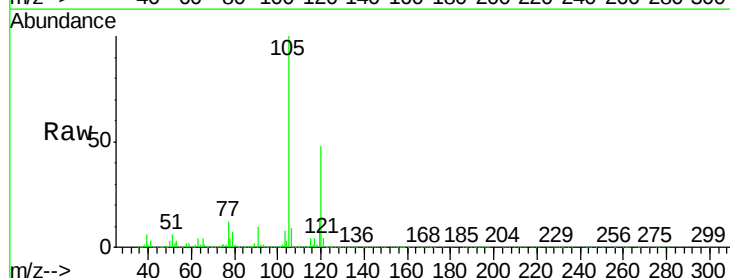
Manual Integrations
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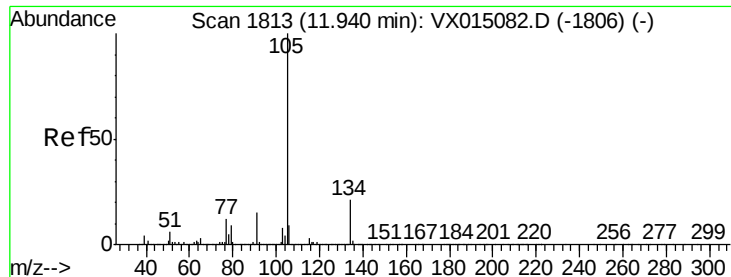
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 156.672 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.9	68.5





#85

sec-Butylbenzene

Concen: 156.185 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion:105 Resp: 2908435

Ion Ratio Lower Upper

105 100

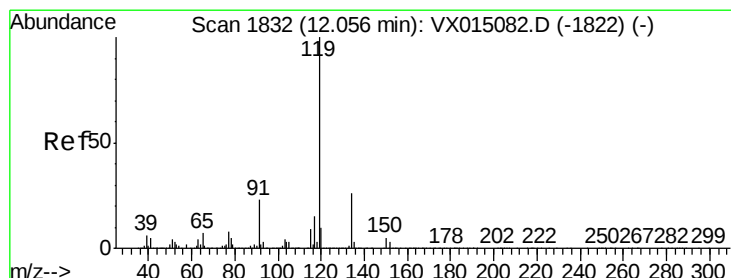
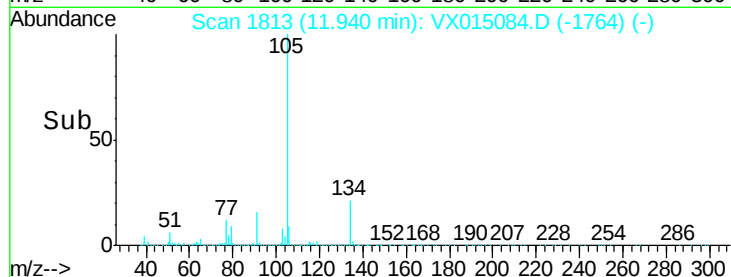
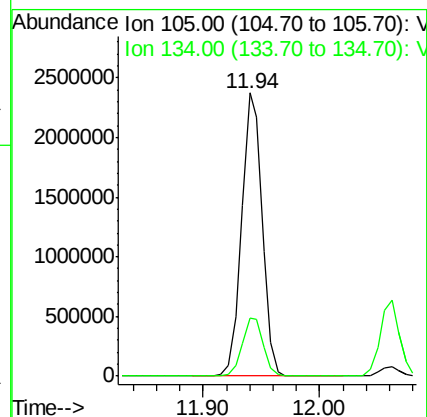
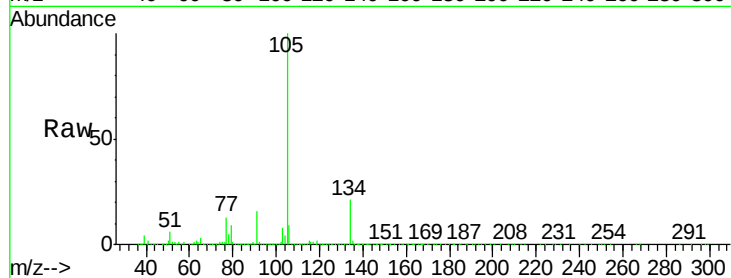
134 20.9 10.4 31.2

Manual Integrations

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3/5/2020 12:32:39 PM



#86

p-Isopropyltoluene

Concen: 158.824 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

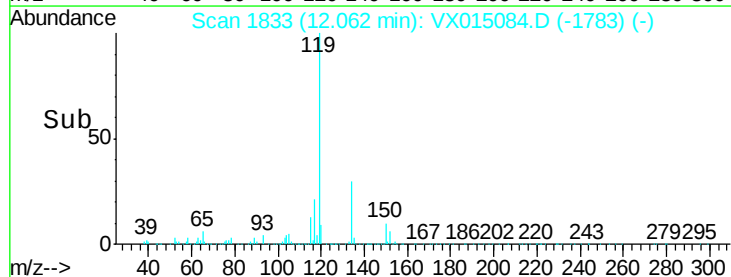
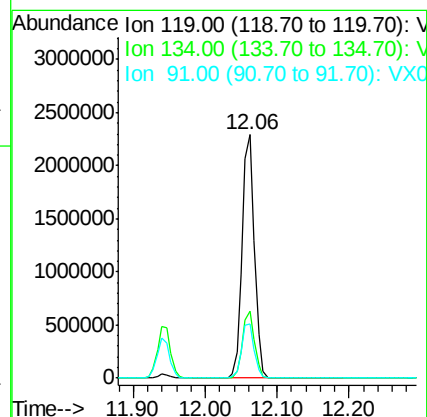
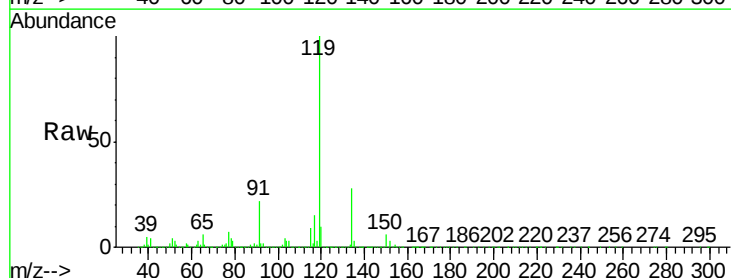
Tgt Ion:119 Resp: 2724874

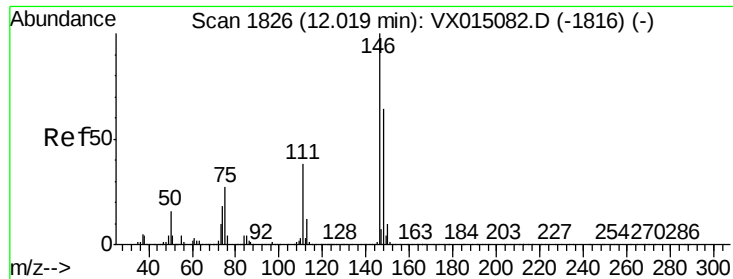
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 23.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 152.119 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015084.D

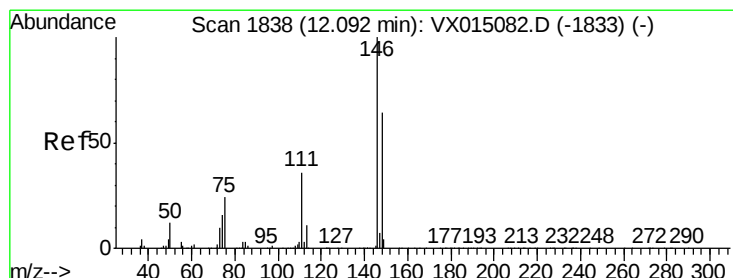
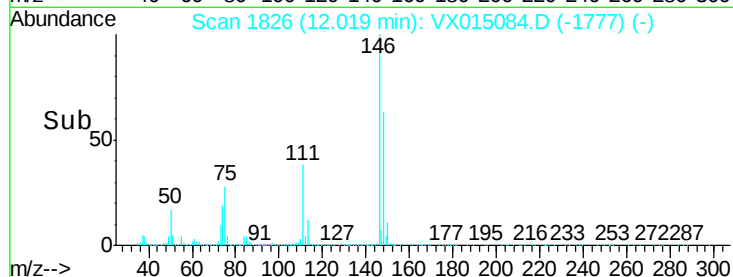
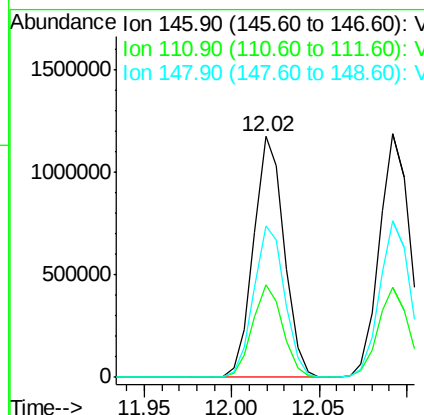
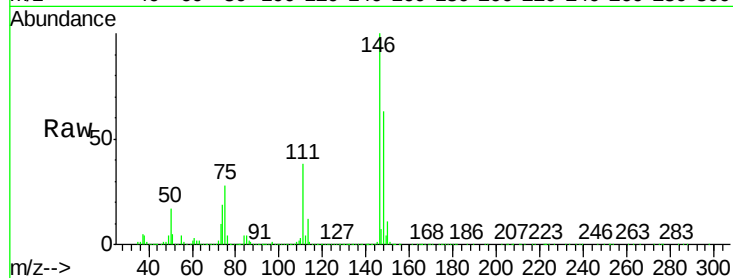
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	63.7	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 151.999 ug/l

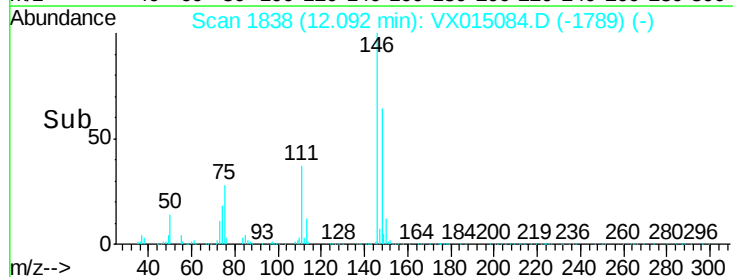
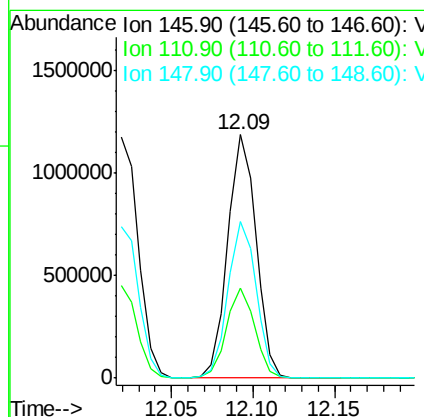
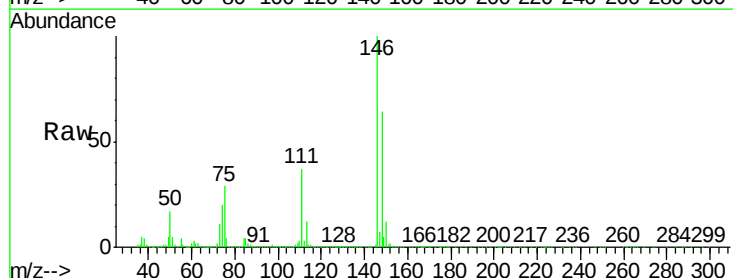
RT: 12.09 min Scan# 1838

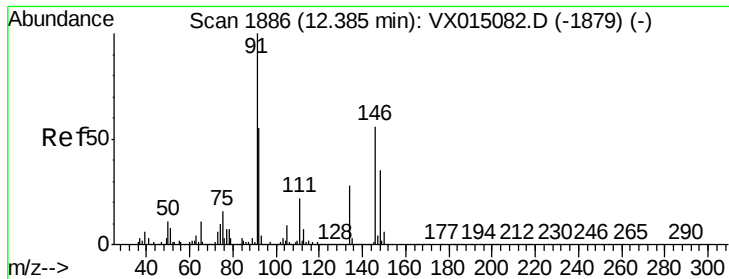
Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.7	56.1
148	63.9	32.5	97.4





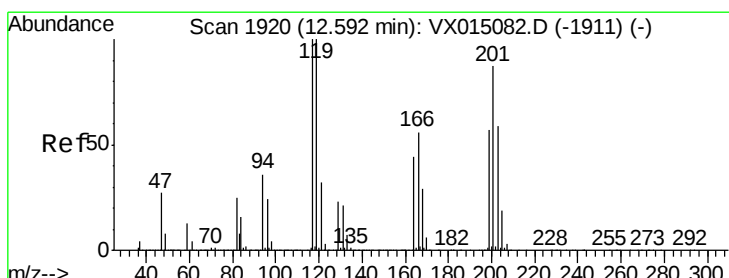
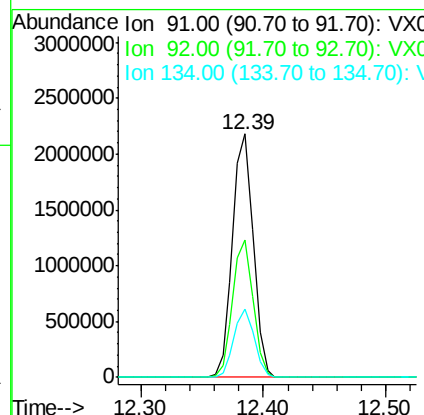
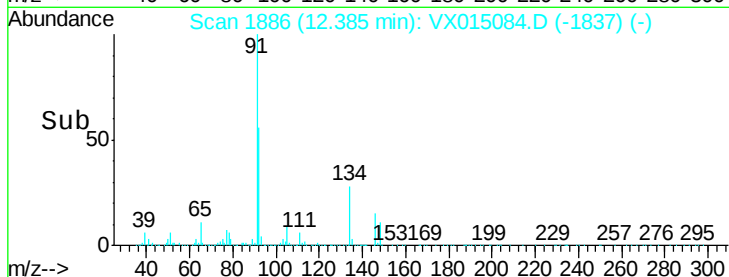
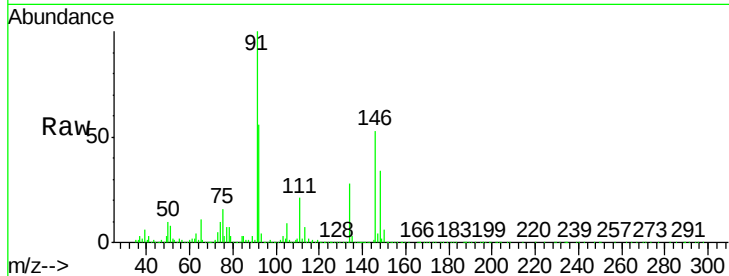
#89
n-Butylbenzene
Concen: 167.456 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.2	81.6
134	27.4	13.5	40.5

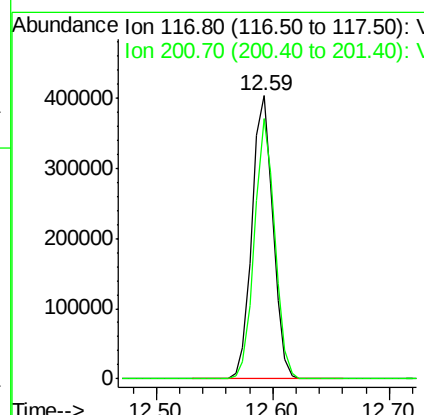
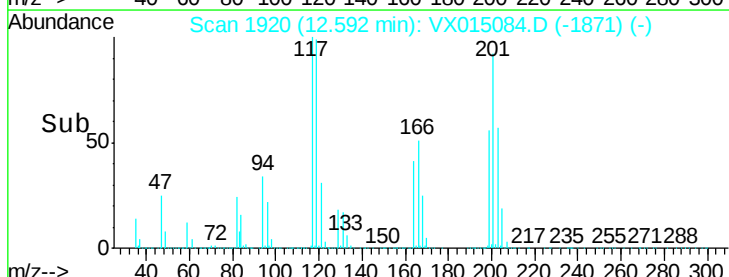
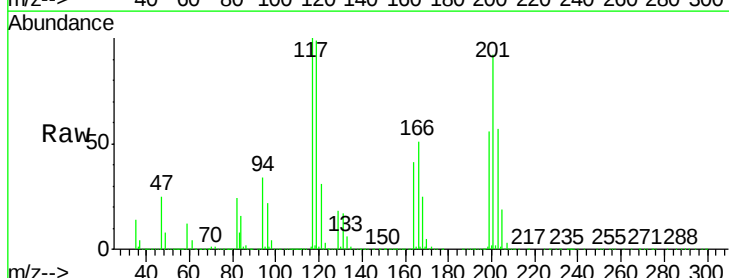
Manual Integrations
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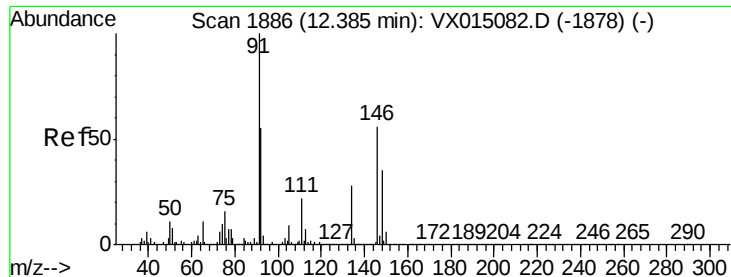
MMDadoda
3/5/2020 12:32:39 PM



#90
Hexachloroethane
Concen: 156.679 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	43.5	130.7





#91

1,2-Dichlorobenzene

Concen: 153.310 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

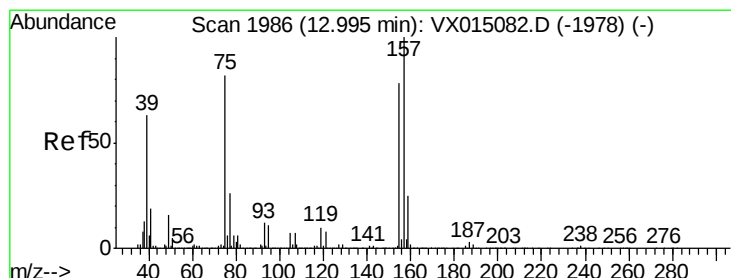
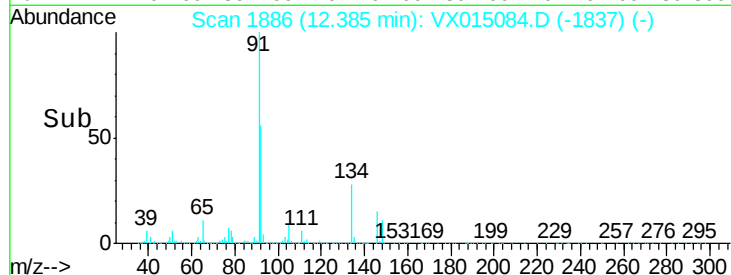
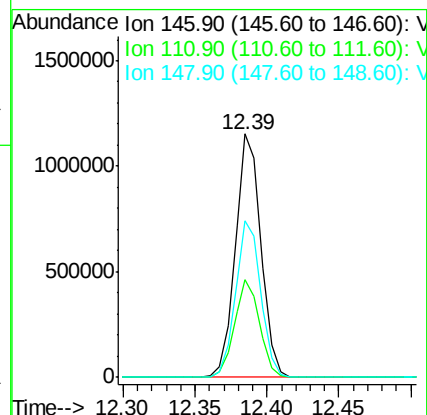
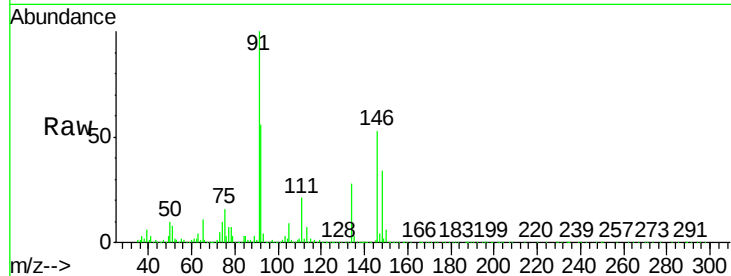
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	1431082
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	63.8	32.3	96.8

Manual Integrations
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3/5/2020 12:32:39 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 163.411 ug/l

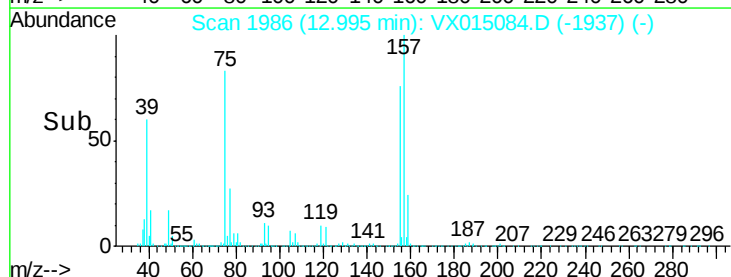
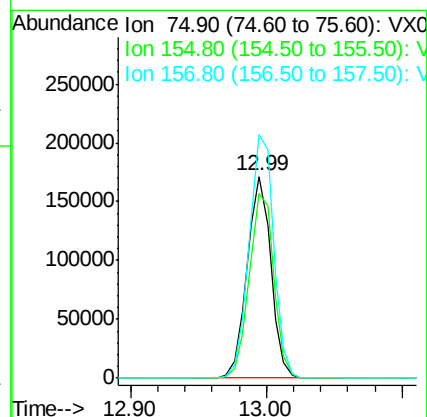
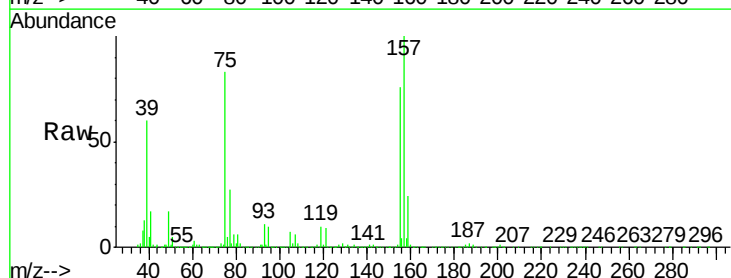
RT: 12.99 min Scan# 1886

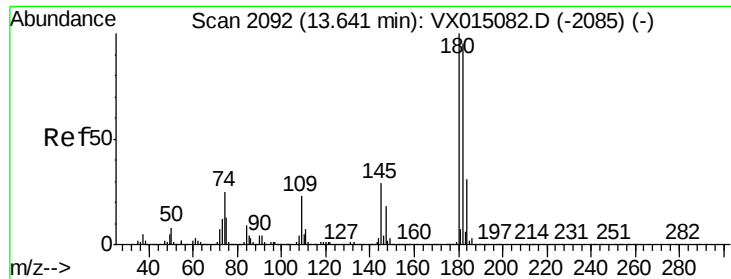
Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:	75	Resp:	208989
Ion	Ratio	Lower	Upper
75	100		
155	95.3	46.6	139.7
157	125.8	59.2	177.5





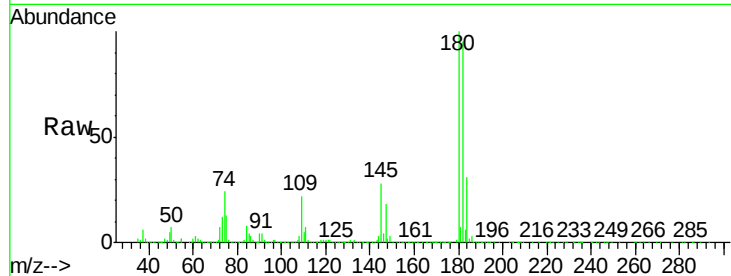
#93
 1,2,4-Trichlorobenzene
 Concen: 162.933 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

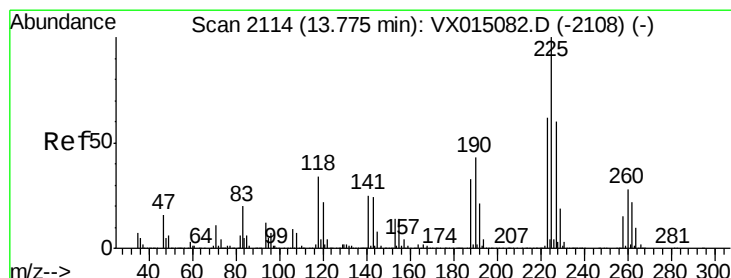
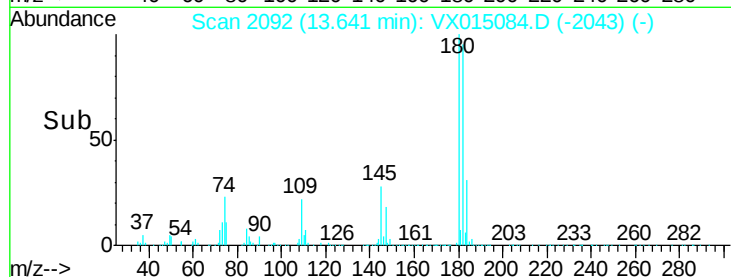
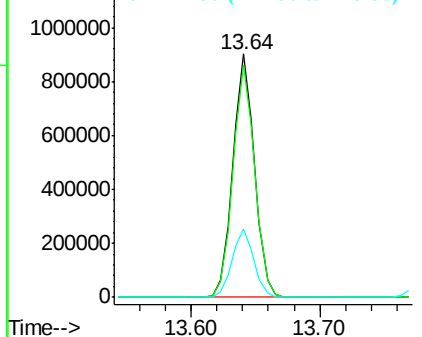
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.6	142.8
145	28.3	14.1	42.2

Manual Integrations
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 3/5/2020 12:32:39 PM

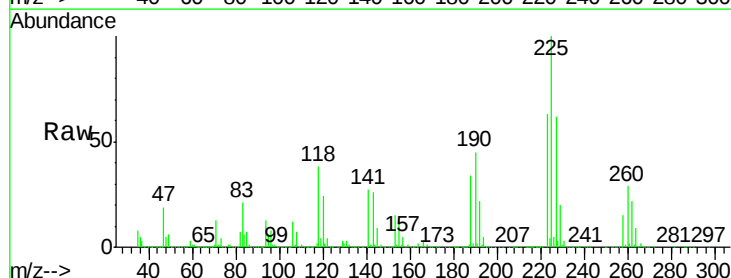


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

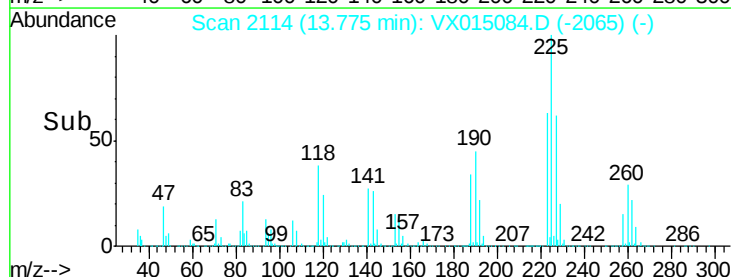
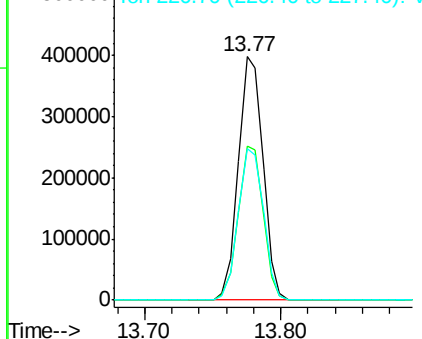


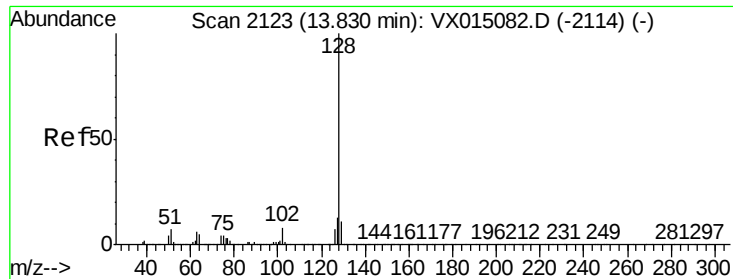
#94
 Hexachlorobutadiene
 Concen: 151.398 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.3	93.9
227	63.5	31.1	93.2



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





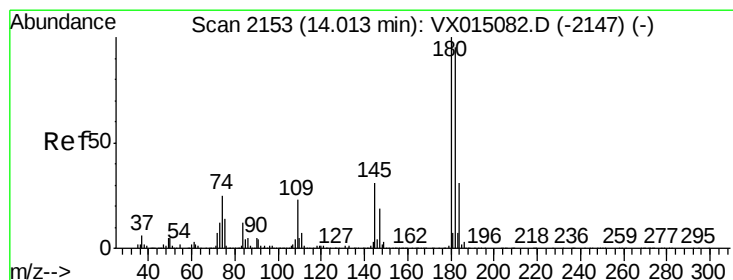
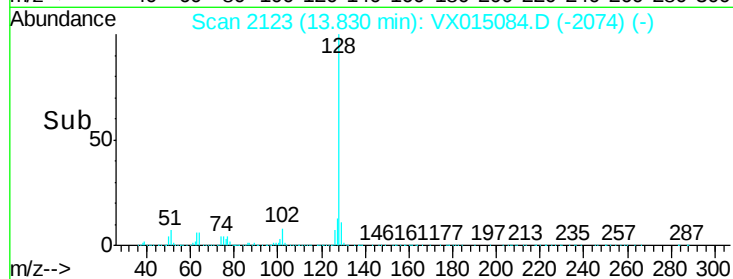
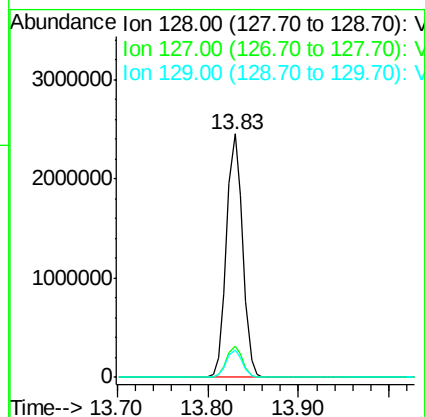
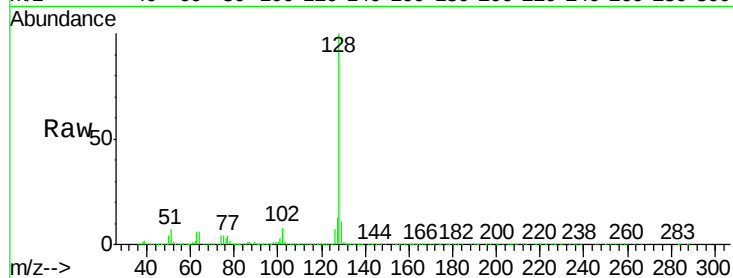
#95
Naphthalene
Concen: 171.142 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 160.964 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.4
145	30.0	15.1	45.3

