

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015836.D
 Acq On : 22 Apr 2020 11:51
 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
 4/23/2020 11:58:17 AM

Quant Time: Apr 22 12:13:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 11:43:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	939589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1415239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1364874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	737975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	1621622	144.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.70%	
35) Dibromofluoromethane	5.47	113	1222533	136.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.26%	
50) Toluene-d8	8.70	98	4910309	144.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.42%	
62) 4-Bromofluorobenzene	11.12	95	2093505	140.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	1346819	177.307	ug/l	99
3) Chloromethane	1.31	50	1294108	160.842	ug/l	99
4) Vinyl Chloride	1.39	62	1471155	155.174	ug/l	100
5) Bromomethane	1.62	94	388731	101.747	ug/l	98
6) Chloroethane	1.70	64	820221	150.857	ug/l	97
7) Trichlorofluoromethane	1.91	101	1713494	143.309	ug/l	100
8) Diethyl Ether	2.17	74	720091	149.095	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1190131	146.943	ug/l	99
10) Methyl Iodide	2.49	142	1680222	180.843	ug/l	100
11) Tert butyl alcohol	3.04	59	1705273	806.009	ug/l	100
12) 1,1-Dichloroethene	2.35	96	1254700	152.658	ug/l	97
13) Acrolein	2.28	56	974700	751.355	ug/l	100
14) Allyl chloride	2.71	41	2554760	145.152	ug/l	99
15) Acrylonitrile	3.12	53	3885286	776.564	ug/l	100
16) Acetone	2.42	43	3220187	667.228	ug/l	100
17) Carbon Disulfide	2.55	76	3485061	104.643	ug/l	99
18) Methyl Acetate	2.75	43	2325700	151.871	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	4431321	153.332	ug/l	99
20) Methylene Chloride	2.83	84	1394506	145.627	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	1353169	146.897	ug/l	94
22) Diisopropyl ether	3.83	45	4718942	148.954	ug/l	98
23) Vinyl Acetate	3.79	43	18791079	709.464	ug/l	98
24) 1,1-Dichloroethane	3.67	63	2520444	154.345	ug/l	100
25) 2-Butanone	4.64	43	5571460	763.584	ug/l	99
26) 2,2-Dichloropropane	4.56	77	2216348	151.046	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	1591369	154.377	ug/l	99
28) Bromochloromethane	4.99	49	1217666	137.284	ug/l #	98
29) Tetrahydrofuran	5.09	42	3655040	754.238	ug/l	100
30) Chloroform	5.19	83	2458017	147.767	ug/l	99
31) Cyclohexane	5.55	56	2387948	150.396	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	2261805	154.064	ug/l	99
36) 1,1-Dichloropropene	5.78	75	1946072	156.667	ug/l	100
37) Ethyl Acetate	4.80	43	2240998	150.019	ug/l	99
38) Carbon Tetrachloride	5.76	117	1967942	163.085	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	2377441	148.563	ug/l	99
40) Benzene	6.12	78	5645099	148.400	ug/l	98
41) Methacrylonitrile	5.01	41	1273407	180.539	ug/l	98
42) 1,2-Dichloroethane	6.17	62	2050571	149.959	ug/l	99
43) Isopropyl Acetate	6.42	43	3833070	152.885	ug/l	99
44) Trichloroethene	7.19	130	2020397	151.962	ug/l	93
45) 1,2-Dichloropropane	7.50	63	1506794	152.481	ug/l	99
46) Dibromomethane	7.64	93	1026015	137.939	ug/l	100
47) Bromodichloromethane	7.88	83	2042409	162.286	ug/l	99
48) Methyl methacrylate	7.75	41	1929811	158.077	ug/l	99
49) 1,4-Dioxane	7.72	88	676178	2852.494	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	10849113	746.449	ug/l	98
52) Toluene	8.77	92	3606231	147.732	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	2493063	159.005	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	2589753	154.962	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	1451503	154.269	ug/l	98
56) Ethyl methacrylate	9.16	69	2510444	159.174	ug/l	100
57) 1,3-Dichloropropane	9.36	76	2497749	152.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	6073800	762.974	ug/l	100
59) 2-Hexanone	9.48	43	8458799	771.595	ug/l	98
60) Dibromochloromethane	9.57	129	1676810	182.196	ug/l	97
61) 1,2-Dibromoethane	9.66	107	1555301	148.055	ug/l	99
64) Tetrachloroethene	9.32	164	2558084	133.755	ug/l	96
65) Chlorobenzene	10.12	112	3990445	144.775	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	1571057	155.391	ug/l	98
67) Ethyl Benzene	10.24	91	6947660	142.516	ug/l	97
68) m/p-Xylenes	10.34	106	5236254	287.382	ug/l	96
69) o-Xylene	10.68	106	2608147	145.825	ug/l	98
70) Styrene	10.70	104	4558582	148.268	ug/l	99
71) Bromoform	10.84	173	1306686	224.557	ug/l #	97
73) Isopropylbenzene	11.01	105	6798284	144.110	ug/l	98
74) N-amyl acetate	10.89	43	3678409	153.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1531634	157.560	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	2037932m	119.677	ug/l	
77) Bromobenzene	11.24	156	1940245	151.756	ug/l	98
78) n-propylbenzene	11.35	91	7841818	144.948	ug/l	98
79) 2-Chlorotoluene	11.41	91	4856734	150.787	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	5986343	150.165	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	932418	171.358	ug/l	99
82) 4-Chlorotoluene	11.49	91	5676143	147.787	ug/l	98
83) tert-Butylbenzene	11.76	119	5269339	148.628	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	6210392	149.817	ug/l	100
85) sec-Butylbenzene	11.93	105	6874799	146.792	ug/l	99
86) p-Isopropyltoluene	12.05	119	6556506	150.390	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	3503585	148.865	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	3606349	153.763	ug/l	95
89) n-Butylbenzene	12.37	91	5941701	152.923	ug/l	99
90) Hexachloroethane	12.58	117	966502	251.489	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	3352853	151.095	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	497356	178.140	ug/l	97

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ClientSampleId :
VSTDICC150

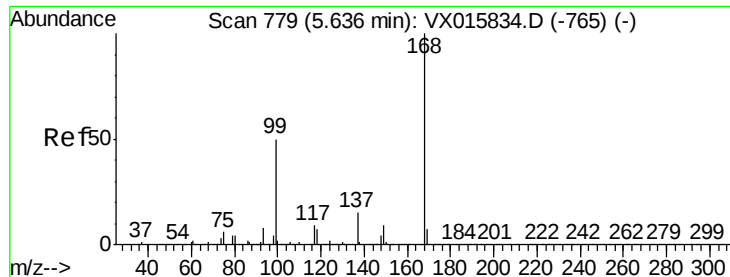
Manual Integrations
APPROVED

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4/23/2020 11:58:17 AM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2611018	149.010	ug/l	95
94) Hexachlorobutadiene	13.76	225	1197593	153.621	ug/l	98
95) Naphthalene	13.82	128	7597646	151.112	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2603637	153.656	ug/l	99

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



#1

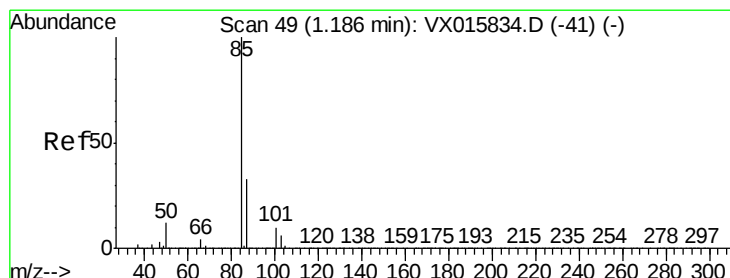
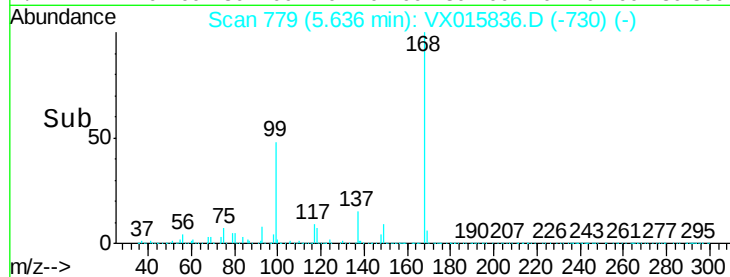
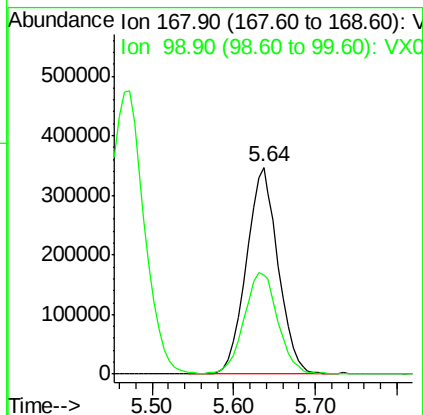
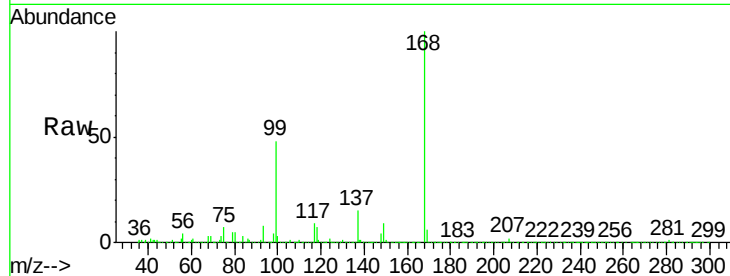
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.7	40.3	60.5

Manual Integrations
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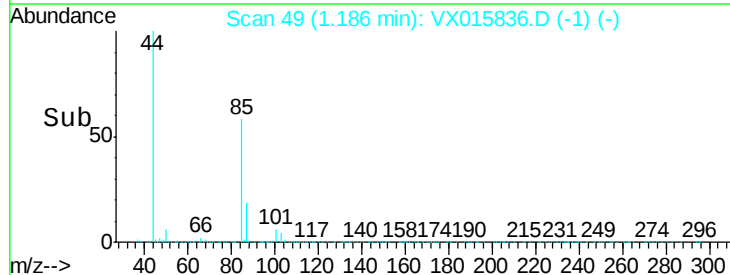
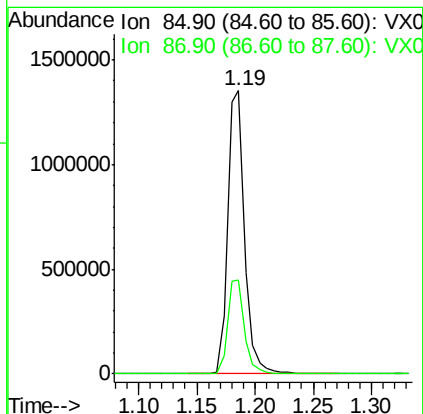
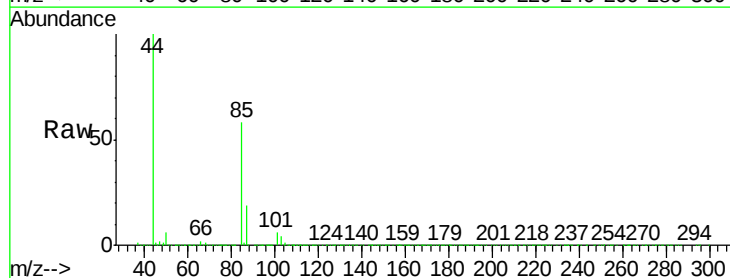
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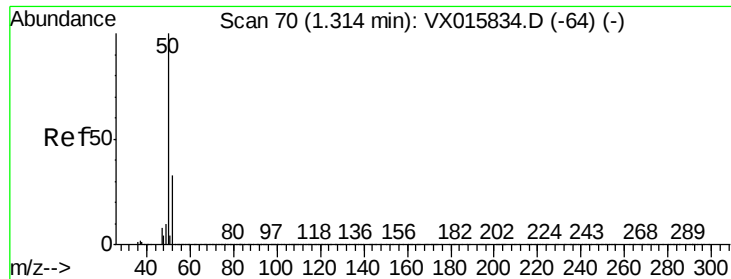


#2

Dichlorodifluoromethane
Concen: 177.307 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.4	49.2





#3

Chloromethane

Concen: 160.842 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 1294108

Ion Ratio Lower Upper

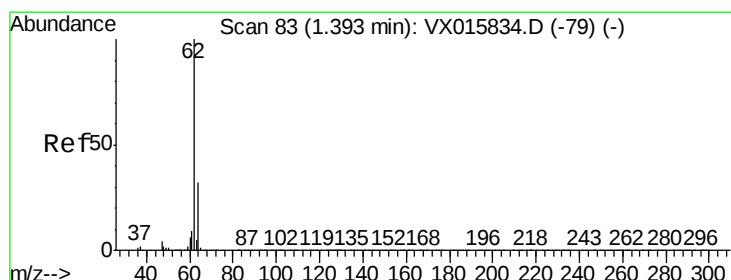
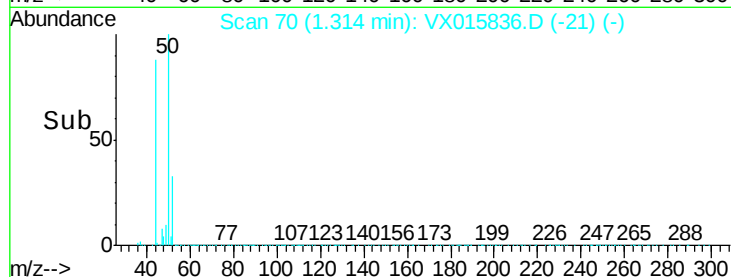
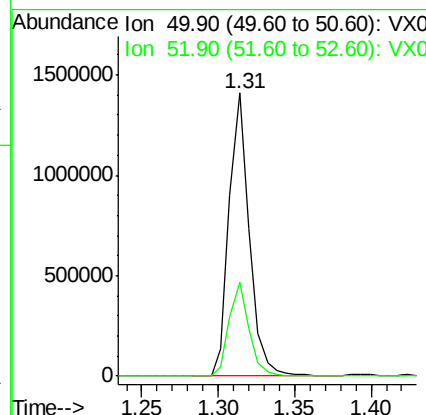
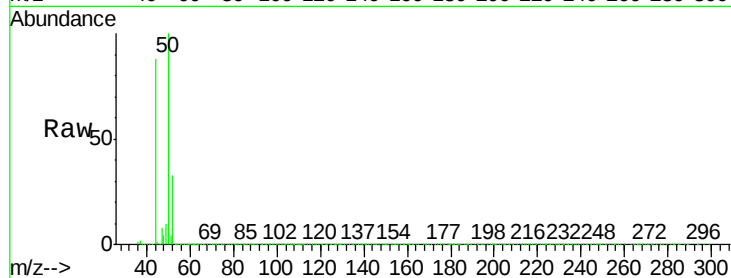
50 100

52 33.4 26.2 39.4

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#4

Vinyl Chloride

Concen: 155.174 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015836.D

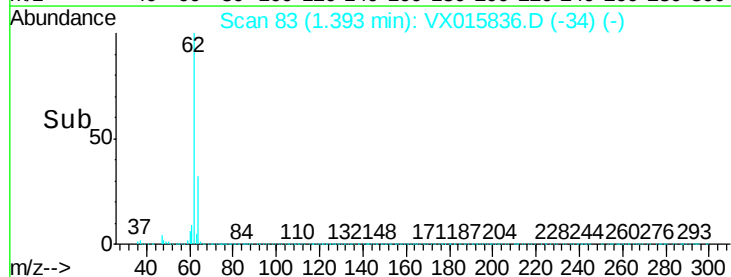
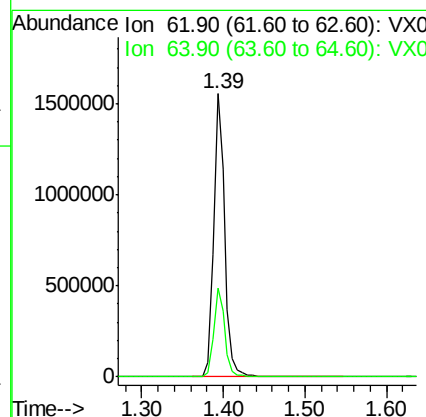
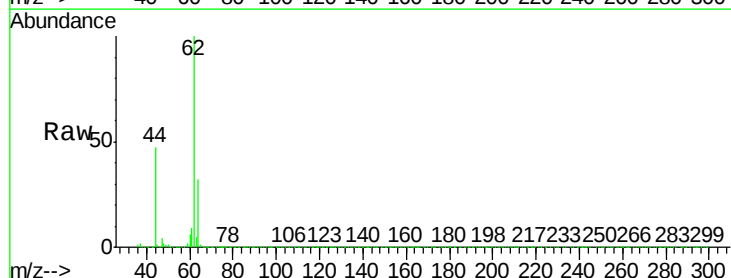
Acq: 22 Apr 2020 11:51

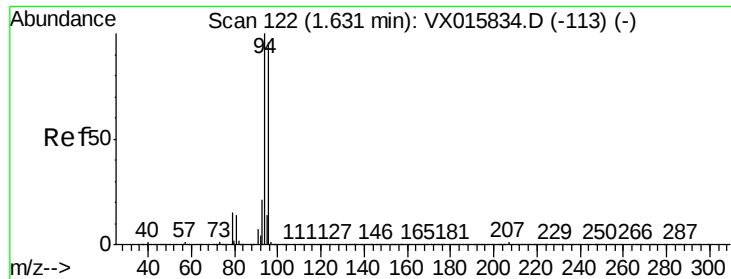
Tgt Ion: 62 Resp: 1471155

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 101.747 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 388731

Ion Ratio Lower Upper

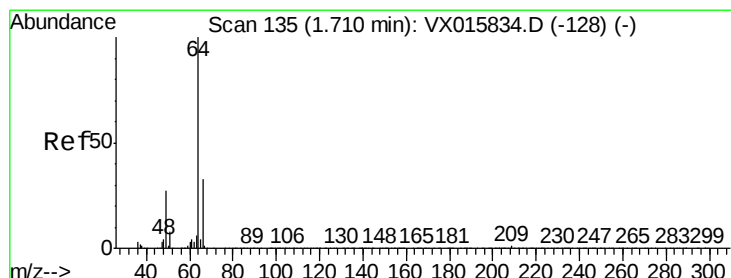
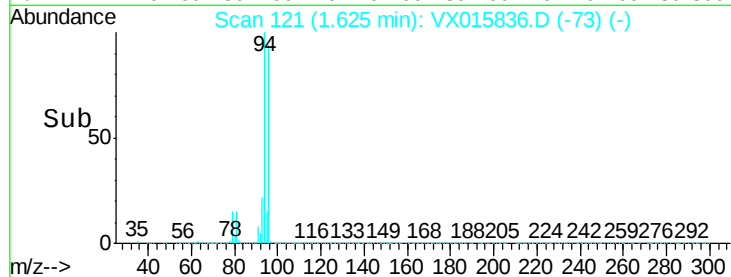
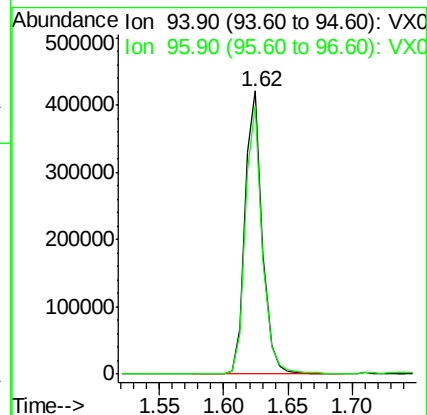
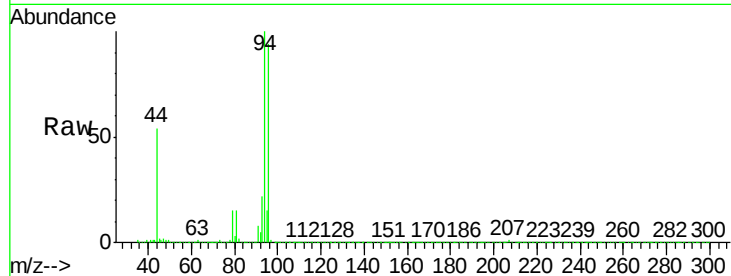
94 100

96 94.4 76.7 115.1

Manual Integrations
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#6

Chloroethane

Concen: 150.857 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX015836.D

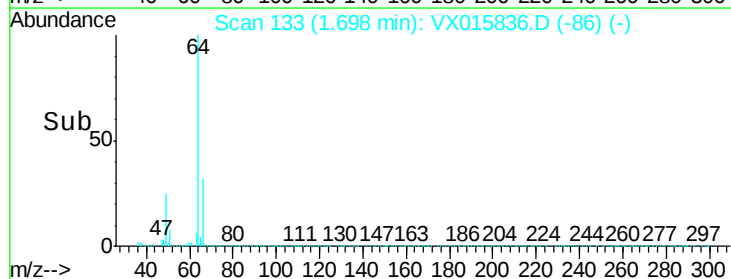
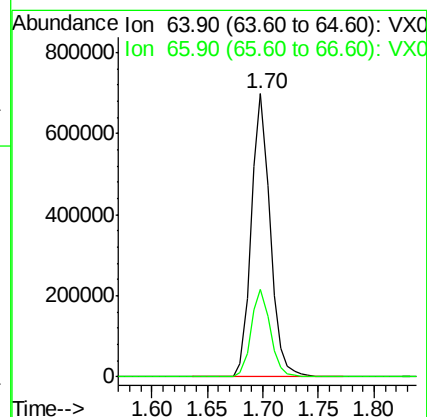
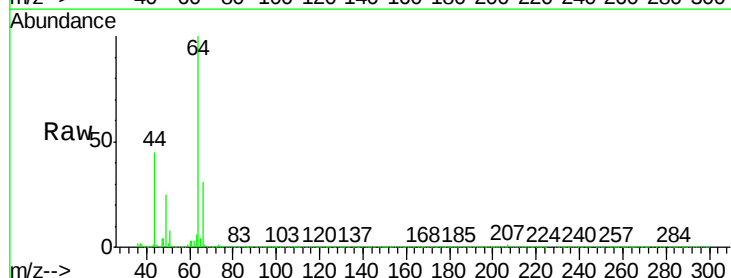
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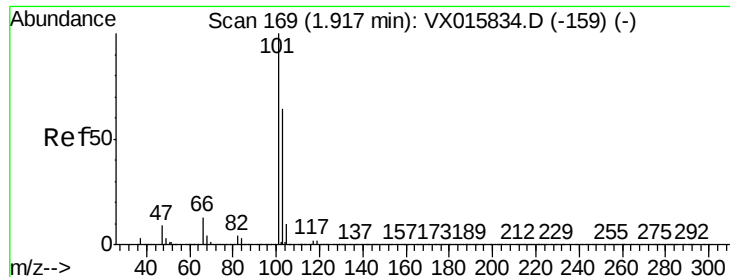
Tgt Ion: 64 Resp: 820221

Ion Ratio Lower Upper

64 100

66 30.8 26.2 39.2





#7

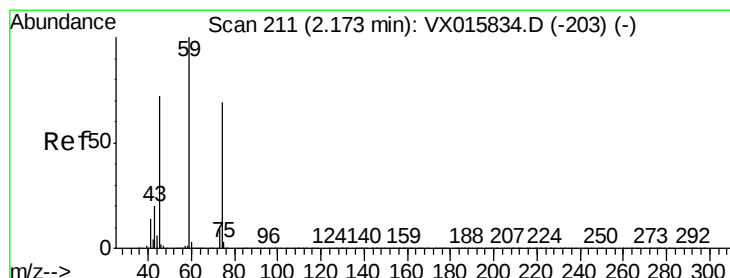
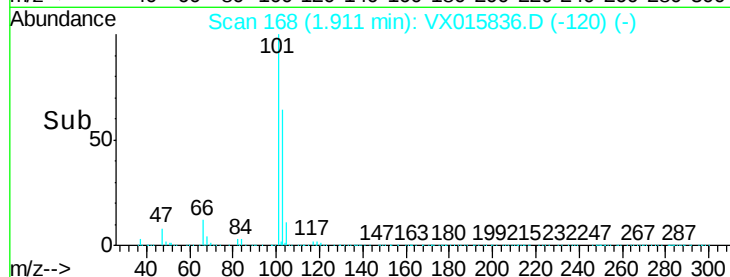
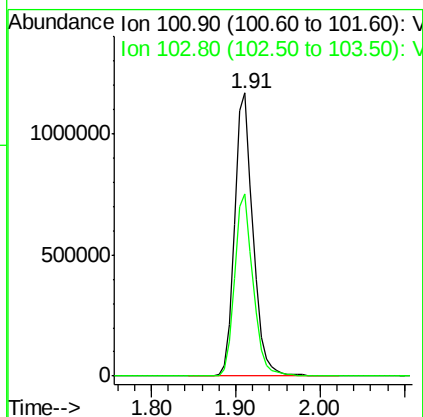
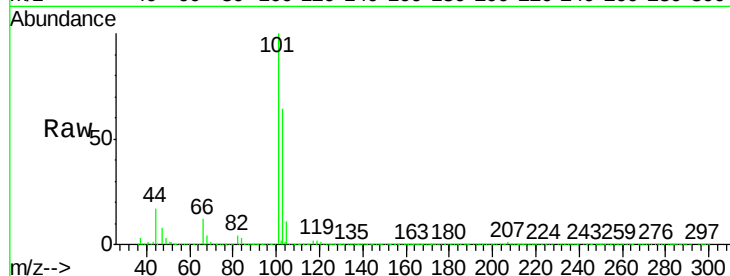
Trichlorofluoromethane
Concen: 143.309 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:101 Resp: 1713494
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

Manual Integrations
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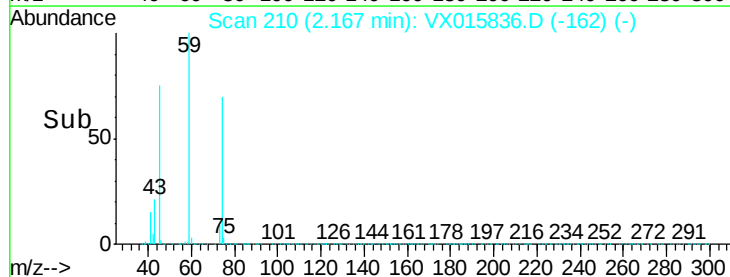
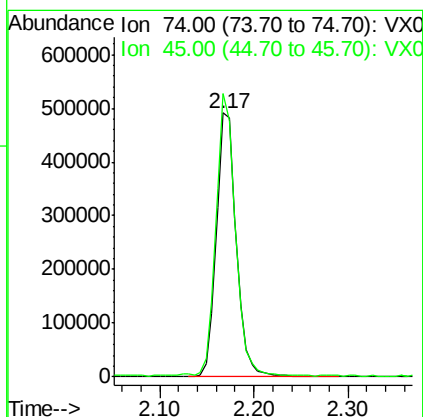
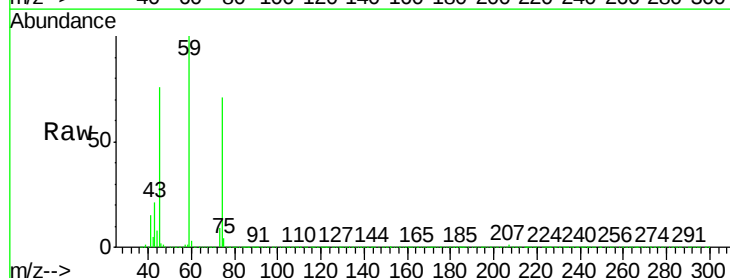
MMDadoda
4/23/2020 11:58:17 AM

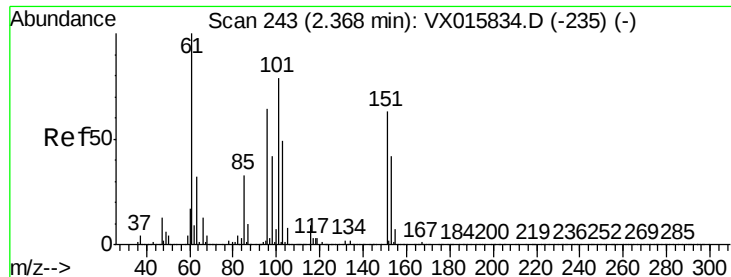


#8

Diethyl Ether
Concen: 149.095 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 74 Resp: 720091
Ion Ratio Lower Upper
74 100
45 105.1 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 146.943 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

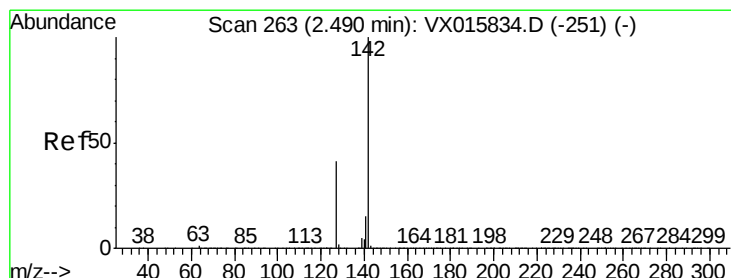
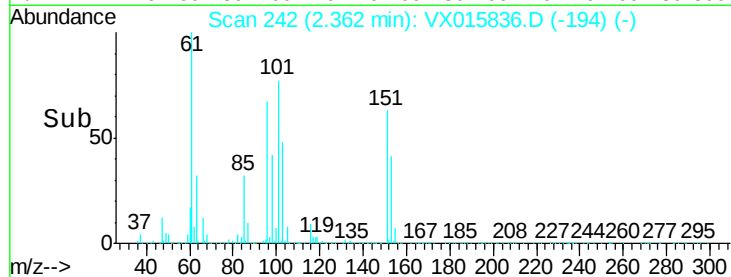
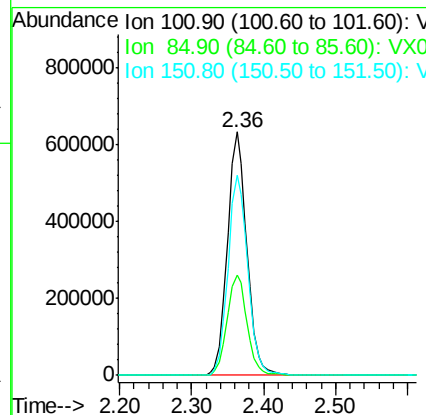
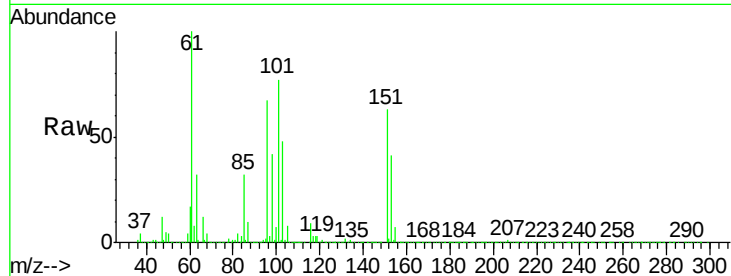
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	1190131
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.8	50.6
151	84.0	67.8	101.6

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#10

Methyl Iodide

Concen: 180.843 ug/l

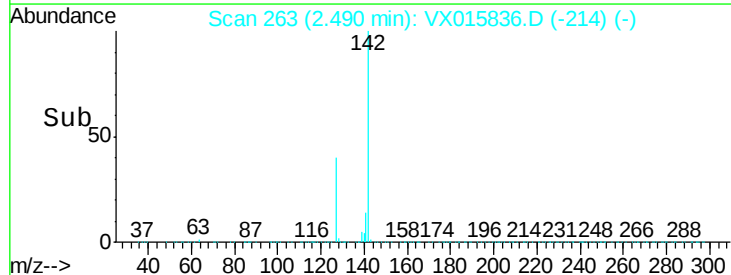
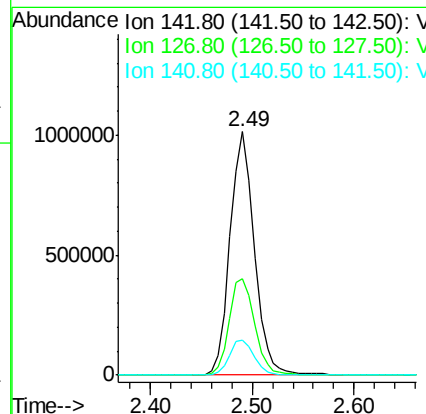
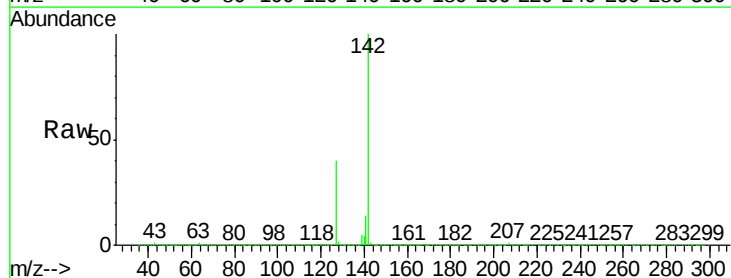
RT: 2.49 min Scan# 263

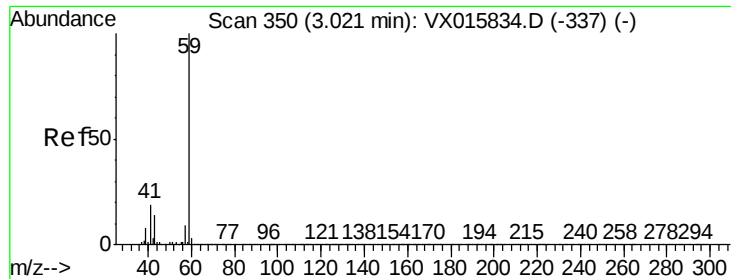
Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tgt Ion:	142	Resp:	1680222
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.3	49.9
141	14.7	11.8	17.6





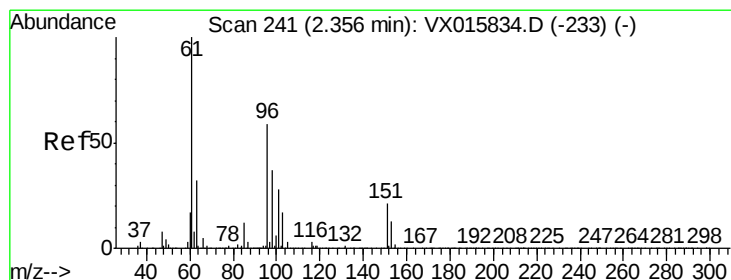
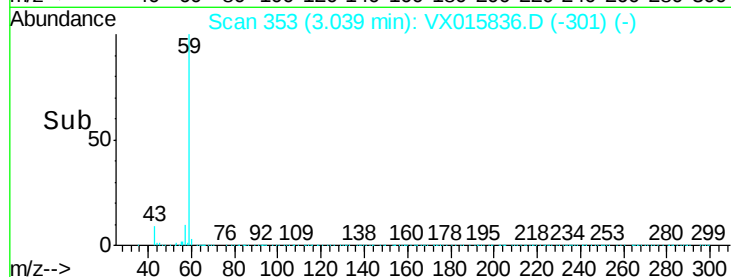
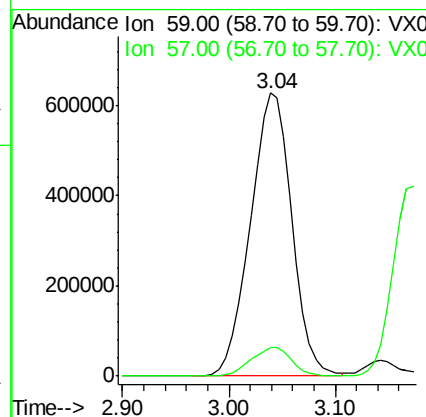
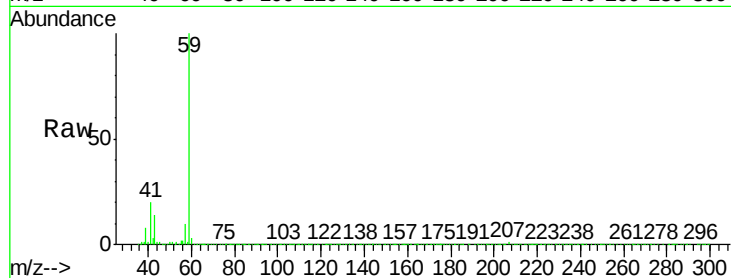
#11
Tert butyl alcohol
Concen: 806.009 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.02 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 59 Resp: 1705273
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

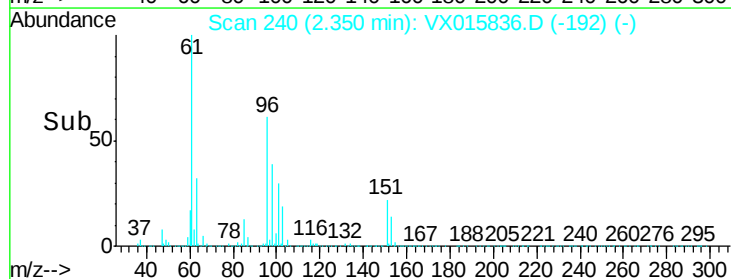
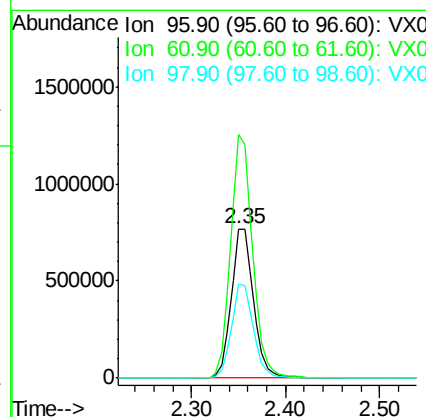
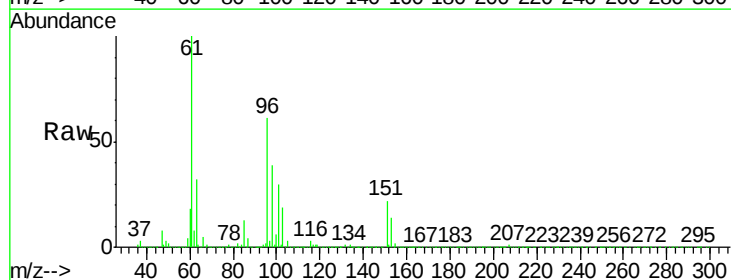
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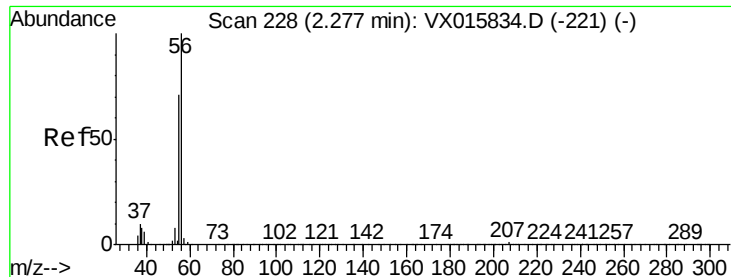
MMDadoda
4/23/2020 11:58:17 AM



#12
1,1-Dichloroethene
Concen: 152.658 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 96 Resp: 1254700
Ion Ratio Lower Upper
96 100
61 163.5 135.0 202.6
98 63.3 50.6 76.0





#13

Acrolein

Concen: 751.355 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 974700

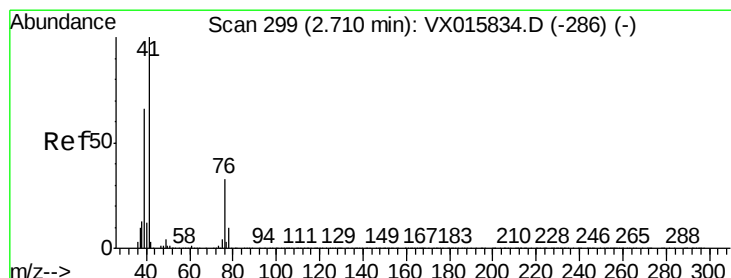
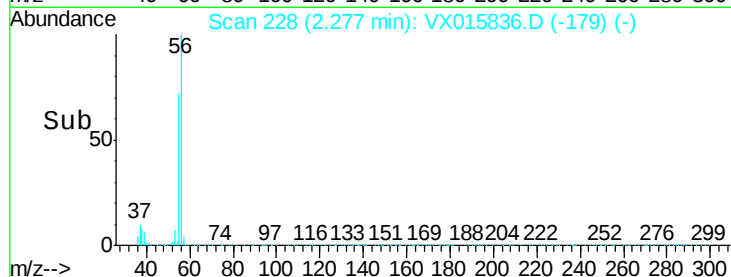
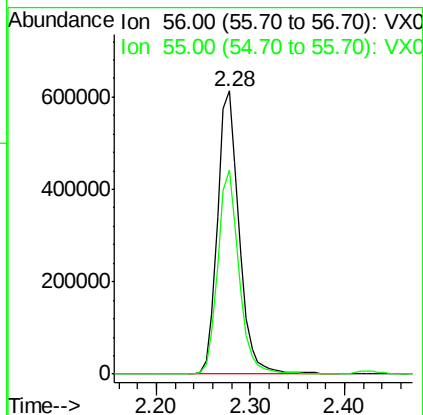
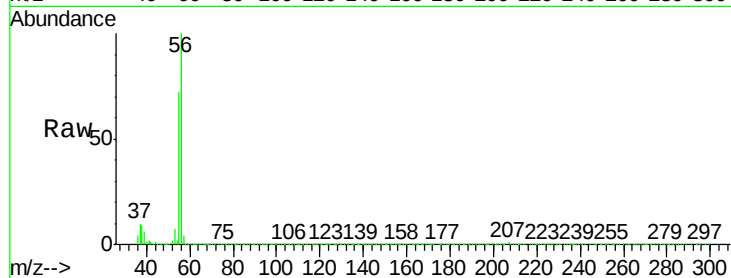
Ion Ratio Lower Upper

56 100

55 70.3 56.1 84.1

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#14

Allyl chloride

Concen: 145.152 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

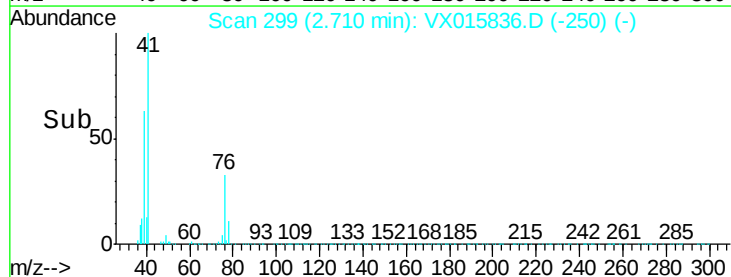
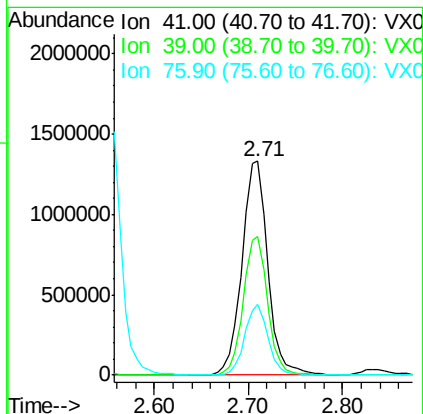
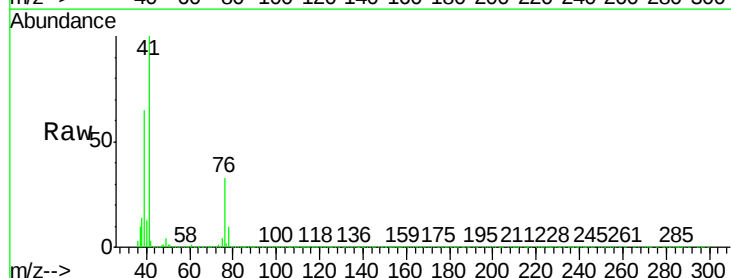
Tgt Ion: 41 Resp: 2554760

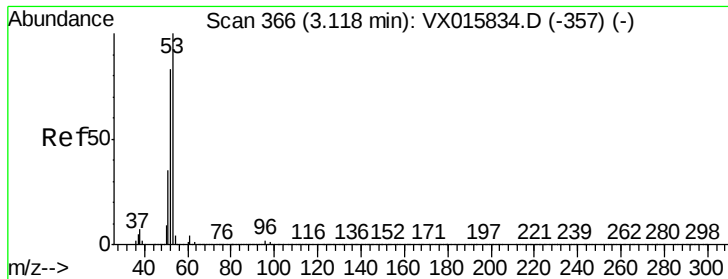
Ion Ratio Lower Upper

41 100

39 61.1 48.4 72.6

76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 776.564 ug/l

RT: 3.12 min Scan# 367

Delta R.T. 0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

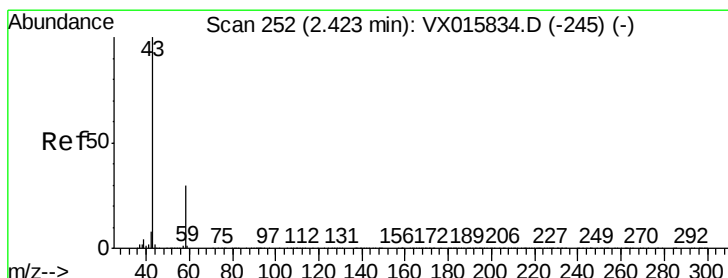
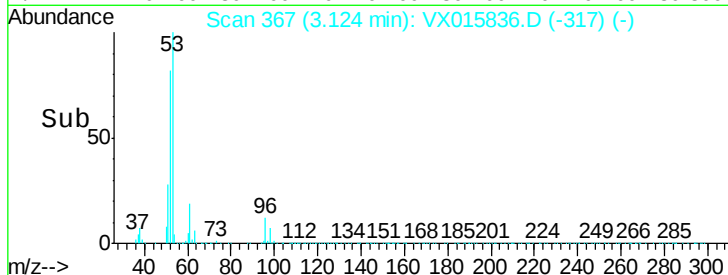
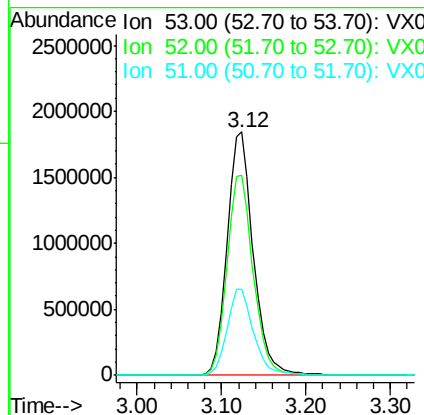
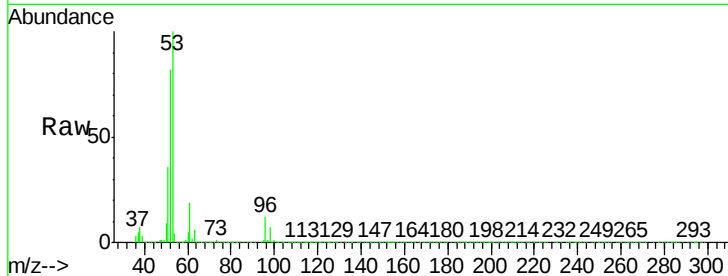
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	3885286
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.4
51	35.9	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 667.228 ug/l

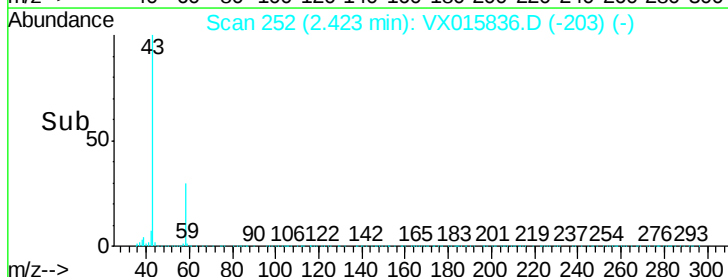
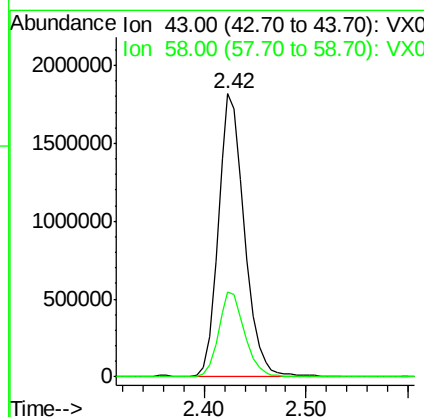
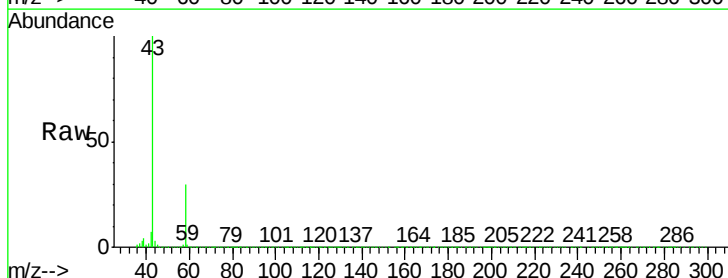
RT: 2.42 min Scan# 252

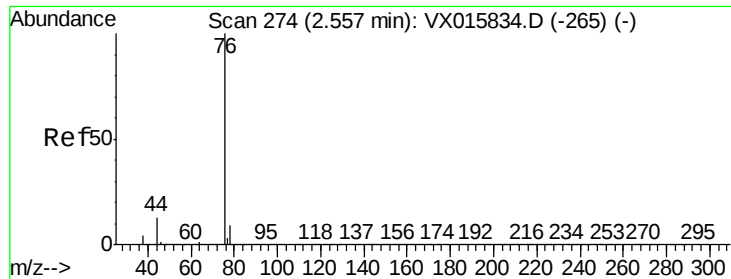
Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tgt Ion:	43	Resp:	3220187
Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.0	36.0





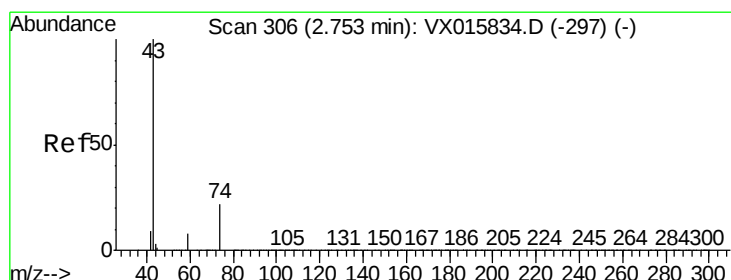
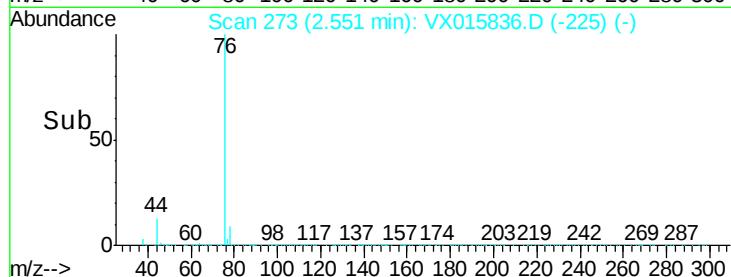
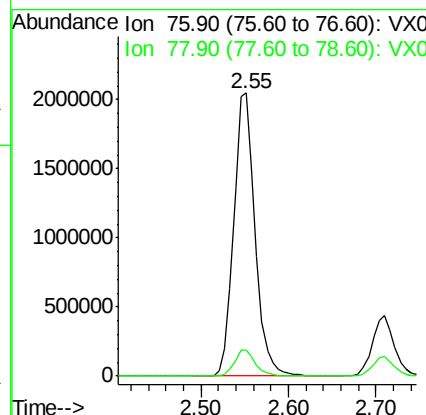
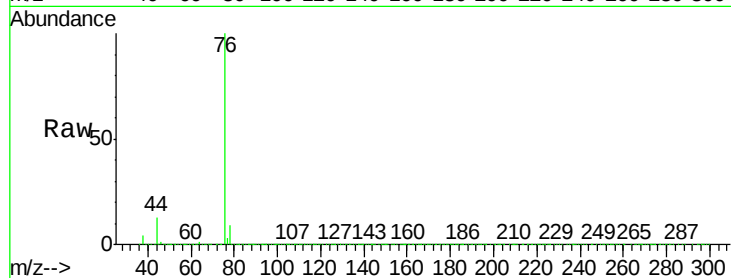
#17
Carbon Disulfide
Concen: 104.643 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 3485061
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

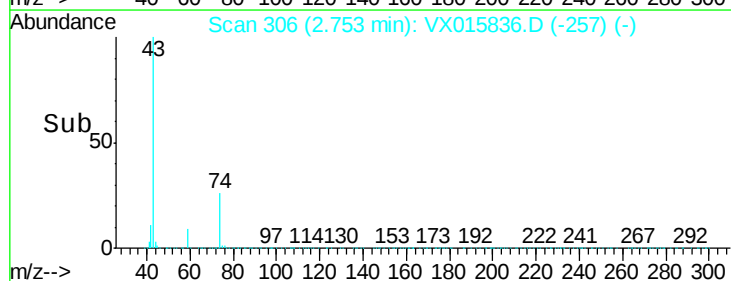
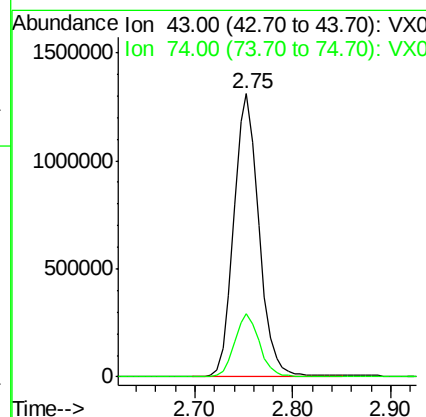
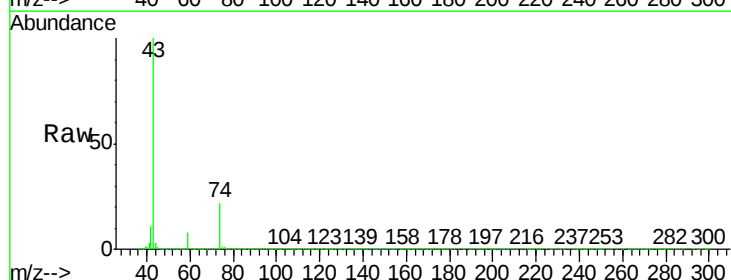
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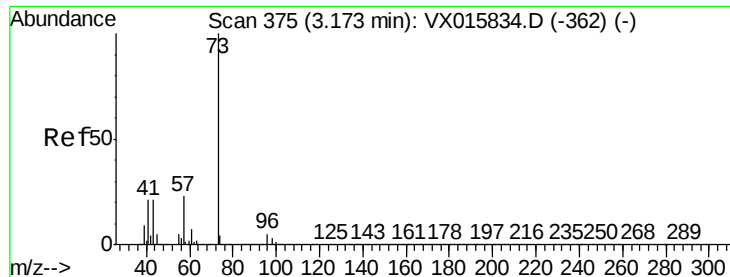
MMDadoda
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#18
Methyl Acetate
Concen: 151.871 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 43 Resp: 2325700
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9





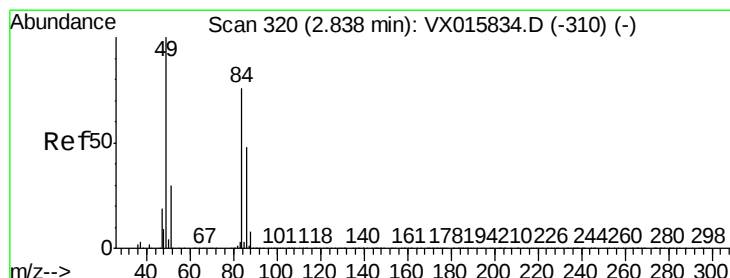
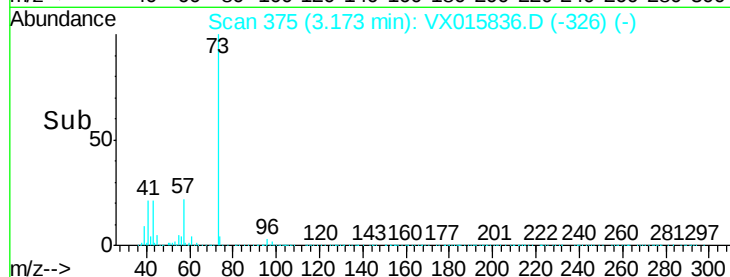
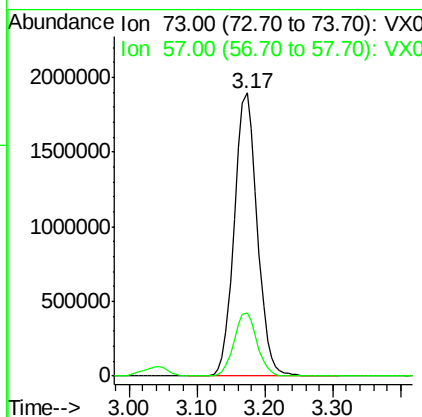
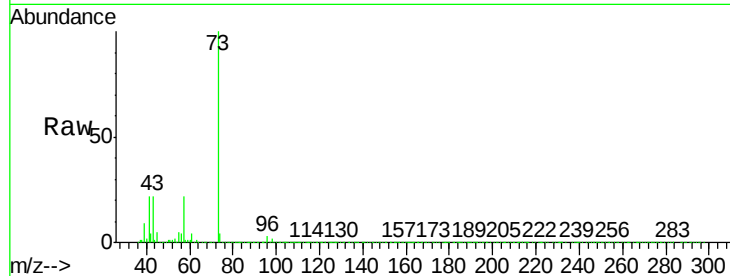
#19
Methvl tert-butvl Ether
Concen: 153.332 ug/l
RT: 3.17 min Scan# 375
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 4431321
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1

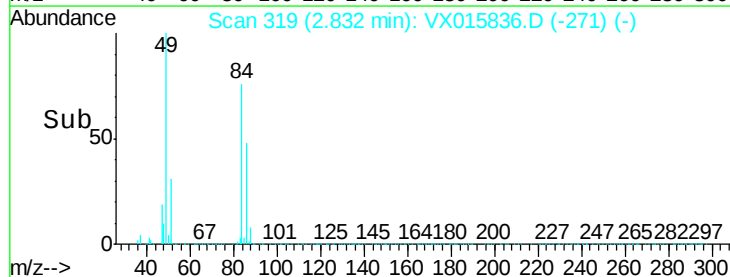
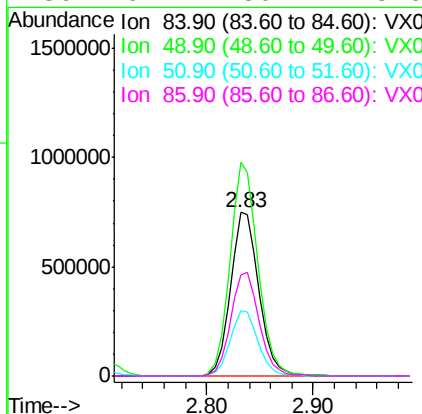
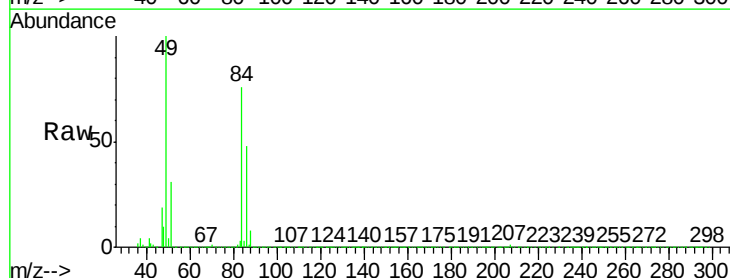
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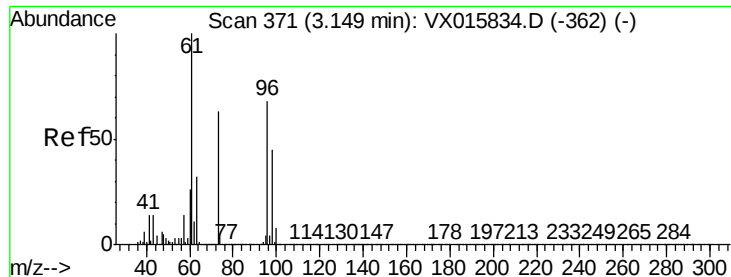
MMDadoda
4/23/2020 11:58:17 AM



#20
Methylene Chloride
Concen: 145.627 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 84 Resp: 1394506
Ion Ratio Lower Upper
84 100
49 130.7 104.9 157.3
51 40.1 32.0 48.0
86 62.1 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 146.897 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 1353169

Ion Ratio Lower Upper

96 100

61 138.4 117.5 176.3

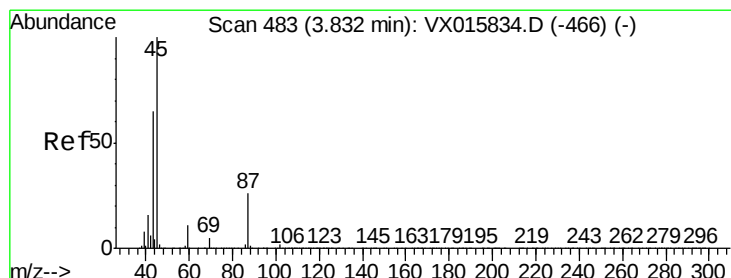
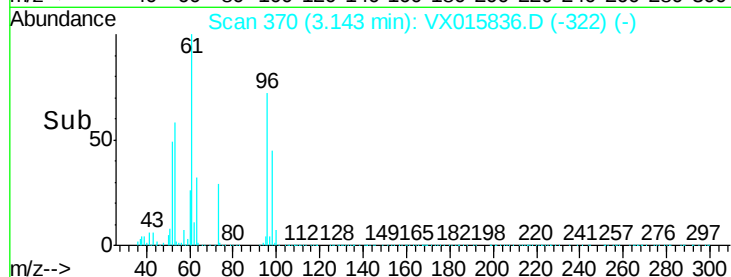
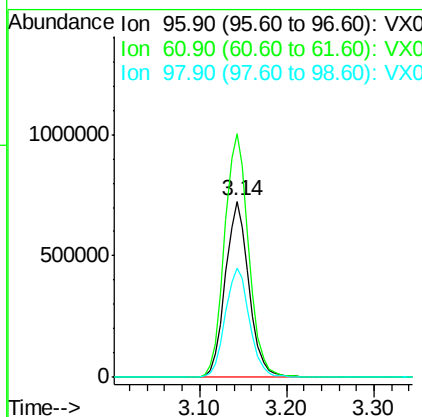
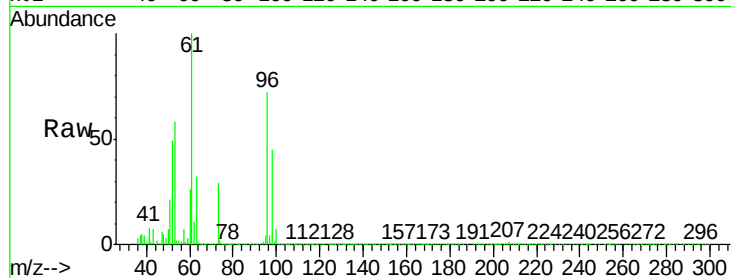
98 62.1 52.7 79.1

Manual Integrations

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#22

Diisopropyl ether

Concen: 148.954 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tgt Ion: 45 Resp: 4718942

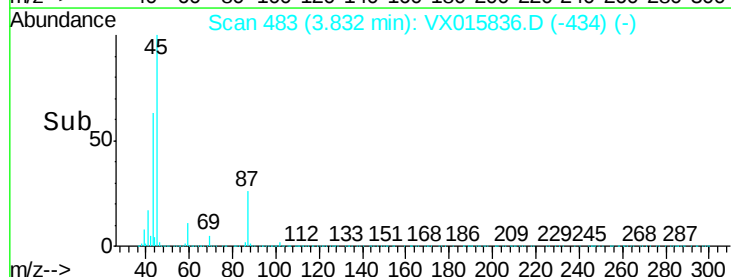
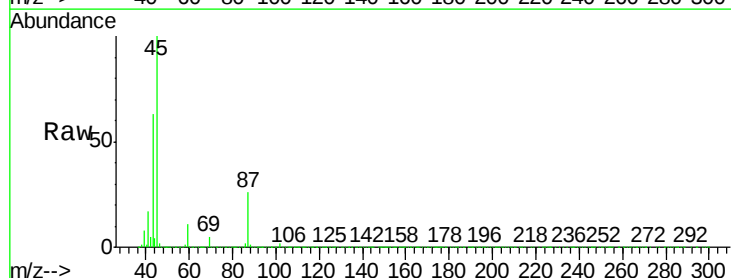
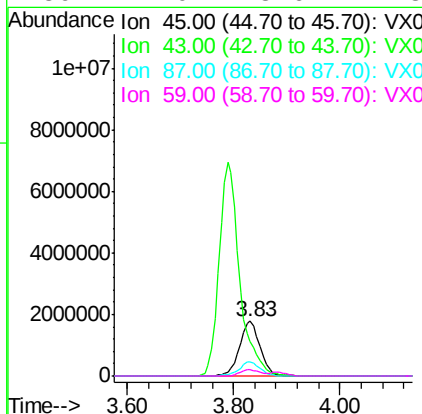
Ion Ratio Lower Upper

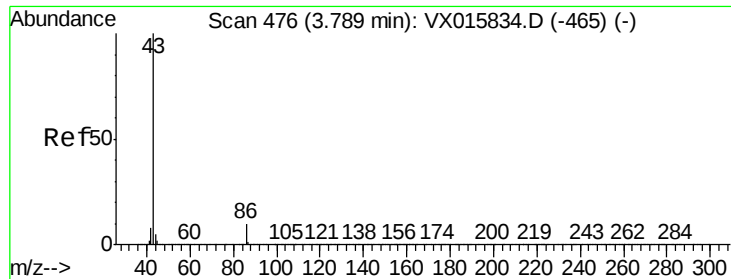
45 100

43 62.9 52.4 78.6

87 25.7 20.7 31.1

59 11.0 8.6 12.8





#23

Vinyl Acetate

Concen: 709.464 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tot Ion: 43 Resp: 18791079

Ion Ratio Lower Upper

43 100

86 10.6 8.0 12.0

Instrument :

MSVOA_X

ClientSampleId :

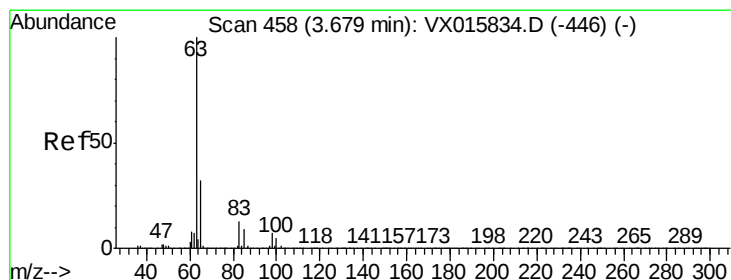
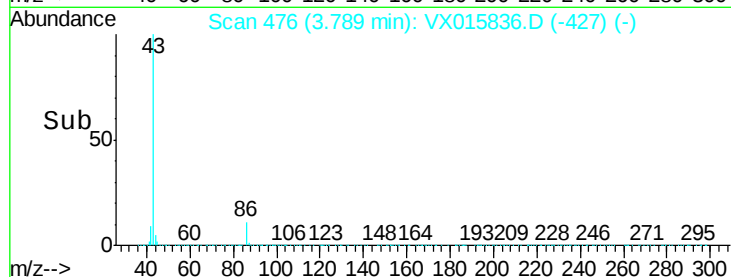
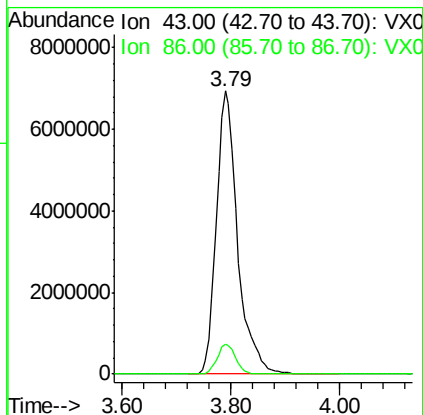
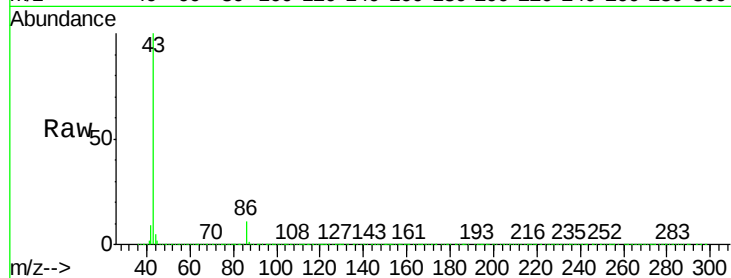
VSTDIC150

Manual Integrations

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MMDadoda

4/23/2020 11:58:17 AM



#24

1,1-Dichloroethane

Concen: 154.345 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

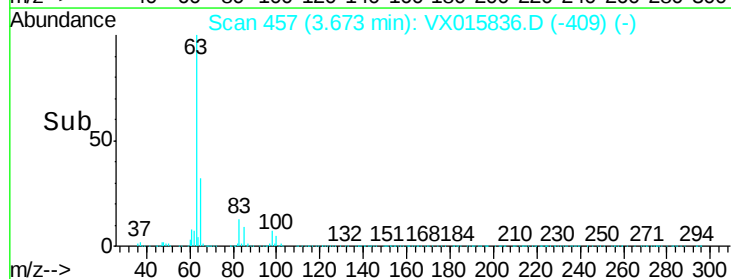
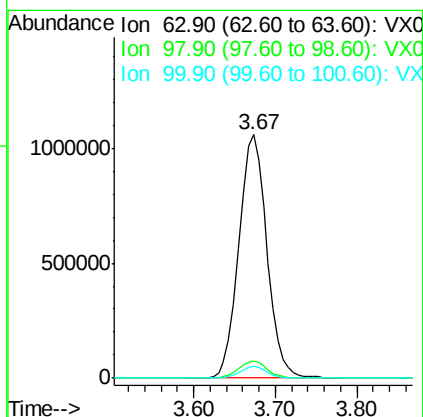
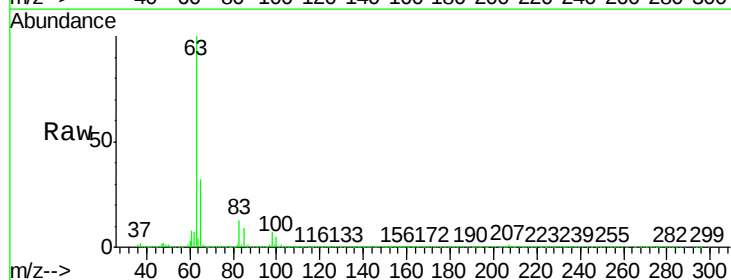
Tgt Ion: 63 Resp: 2520444

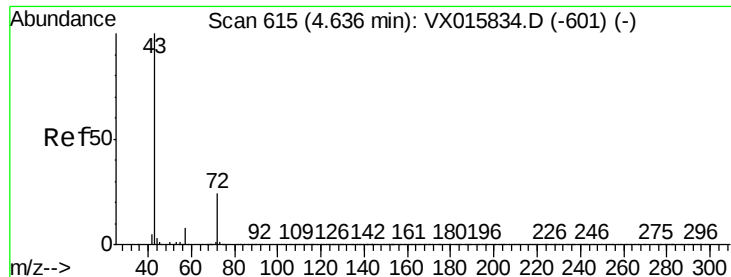
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 763.584 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tot Ion: 43 Resp: 5571460

Ion Ratio Lower Upper

43 100

72 23.9 19.4 29.2

Instrument :

MSVOA_X

ClientSampleId :

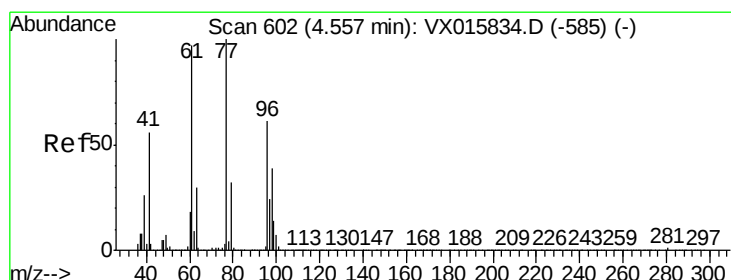
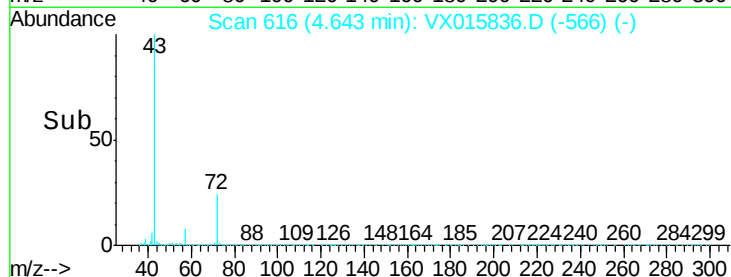
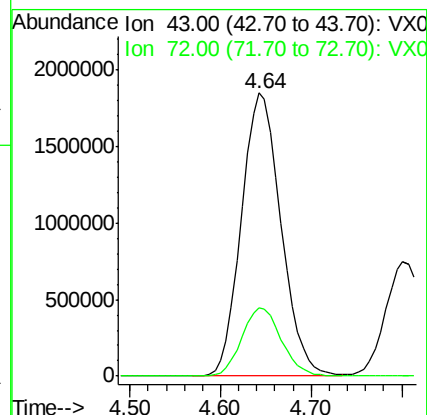
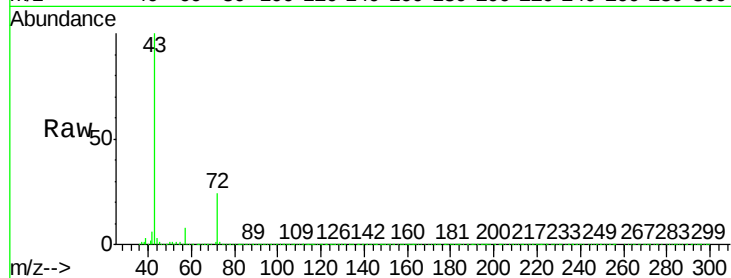
VSTDIC150

Manual Integrations

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MMDadoda

4/23/2020 11:58:17 AM



#26

2,2-Dichloropropane

Concen: 151.046 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015836.D

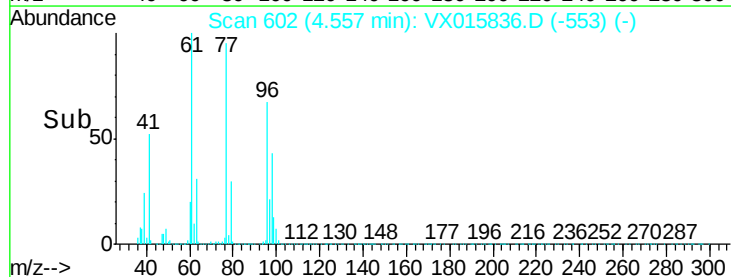
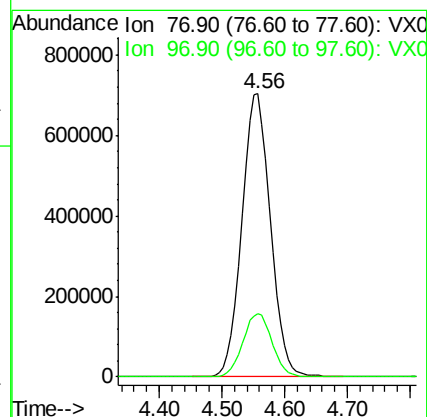
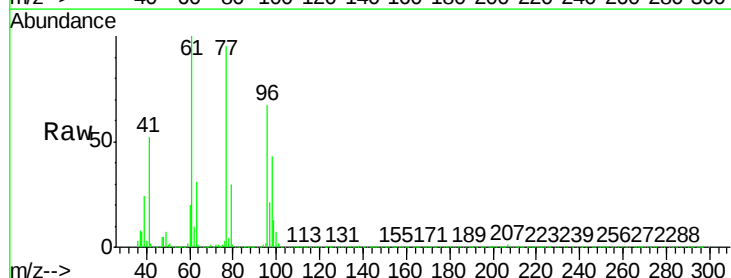
Acq: 22 Apr 2020 11:51

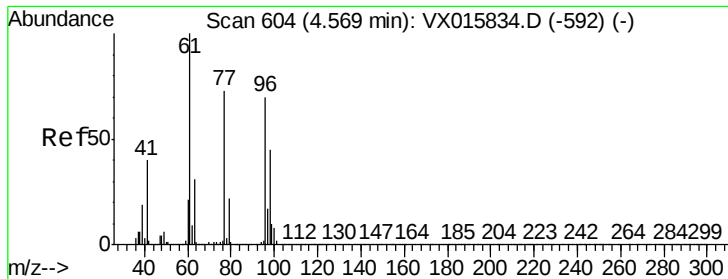
Tgt Ion: 77 Resp: 2216348

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

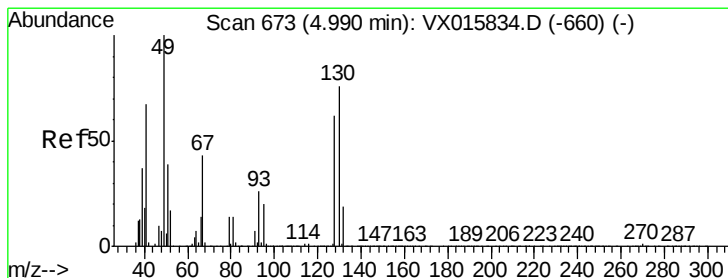
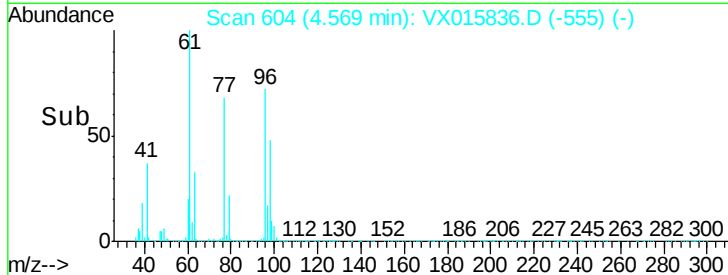
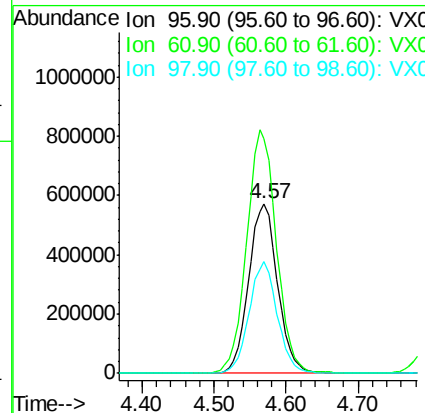
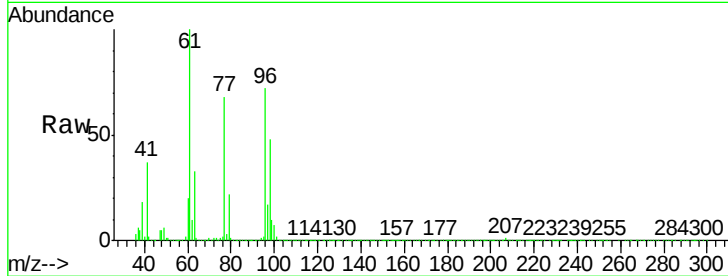
cis-1,2-Dichloroethene
Concen: 154.377 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	299.4
98	64.4	0.0	129.6

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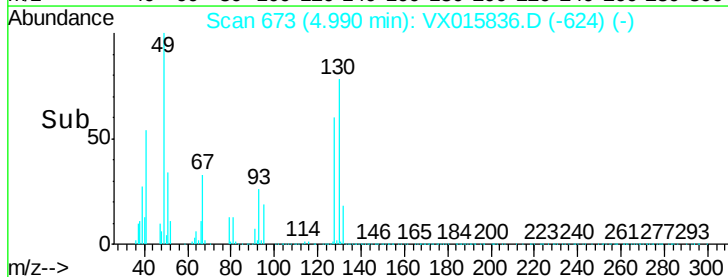
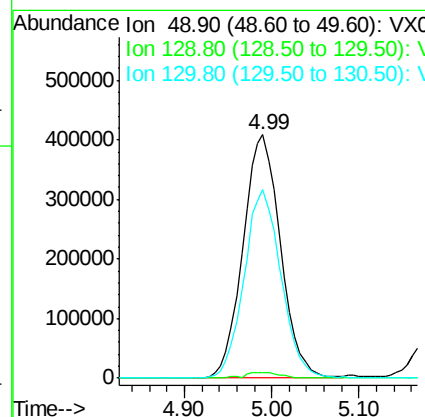
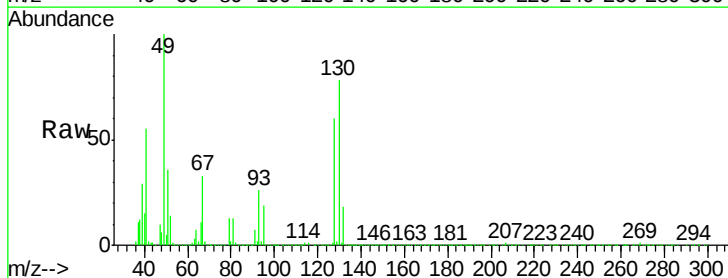
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4/23/2020 11:58:17 AM

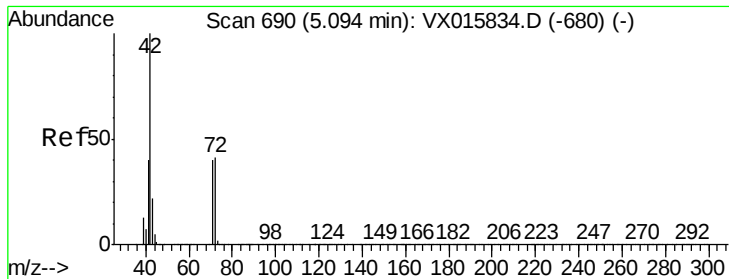


#28

Bromochloromethane
Concen: 137.284 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	1.8#
130	76.7	62.4	93.6





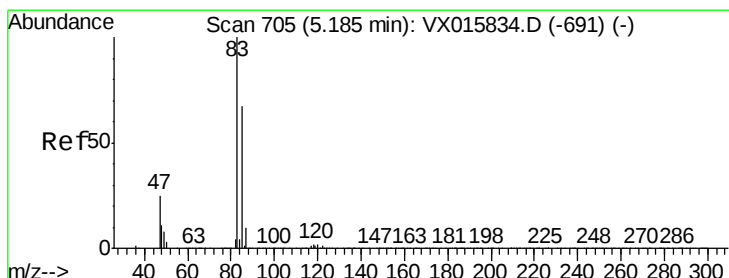
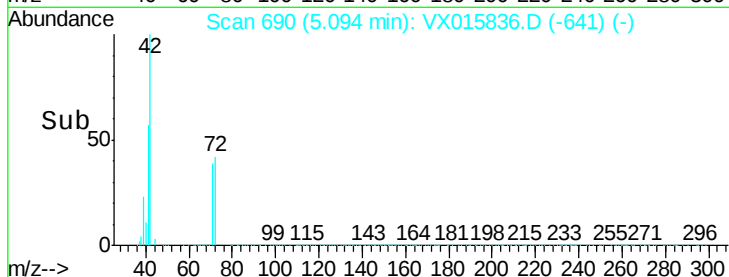
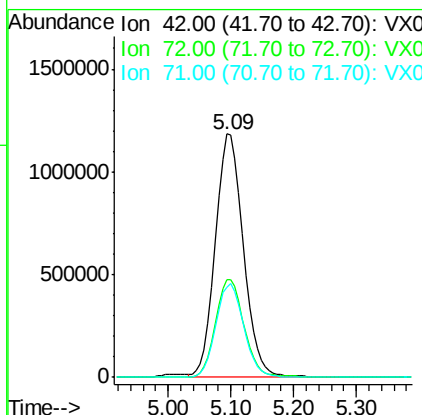
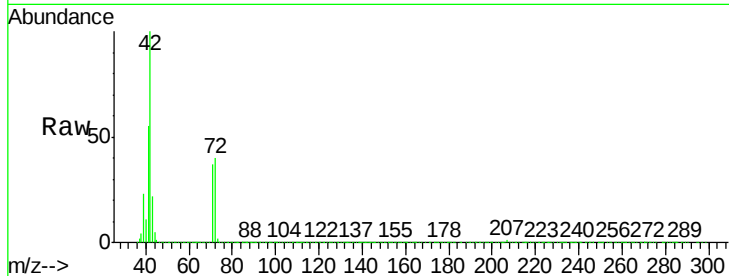
#29
Tetrahydrofuran
Concen: 754.238 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 3655040
Ion Ratio Lower Upper
42 100
72 41.3 33.0 49.6
71 38.3 30.6 45.8

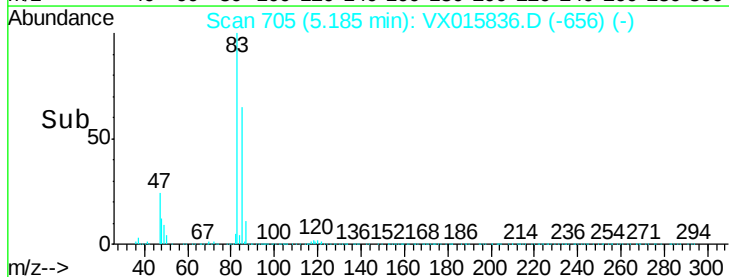
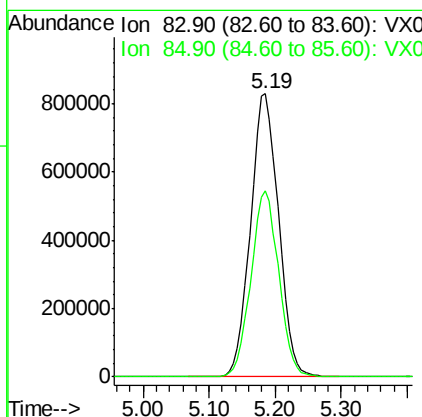
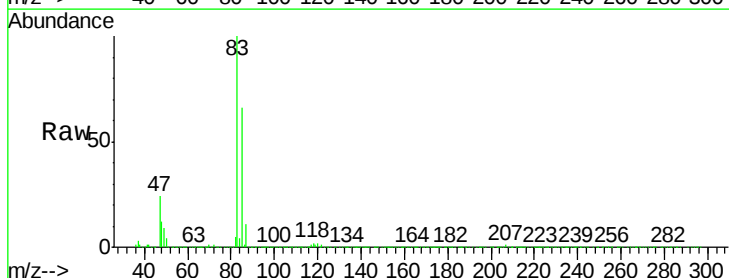
Manual Integrations
APPROVED

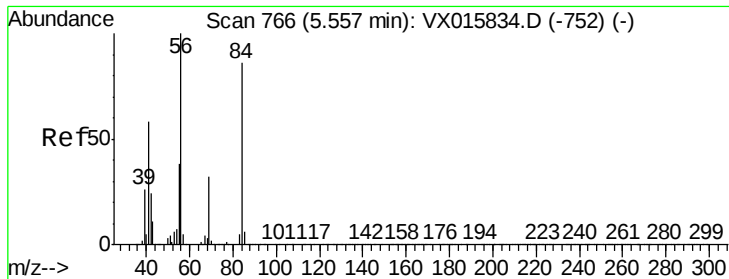
MMDadoda
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#30
Chloroform
Concen: 147.767 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 83 Resp: 2458017
Ion Ratio Lower Upper
83 100
85 65.9 53.4 80.0





#31

Cyclohexane

Concen: 150.396 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

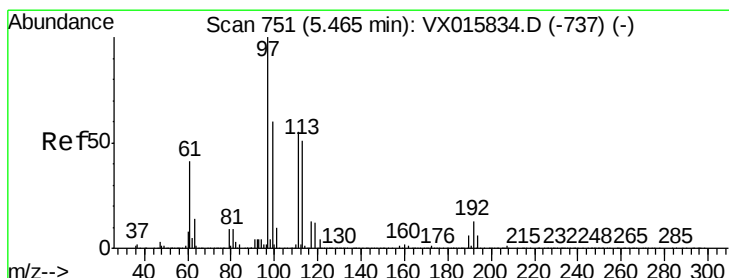
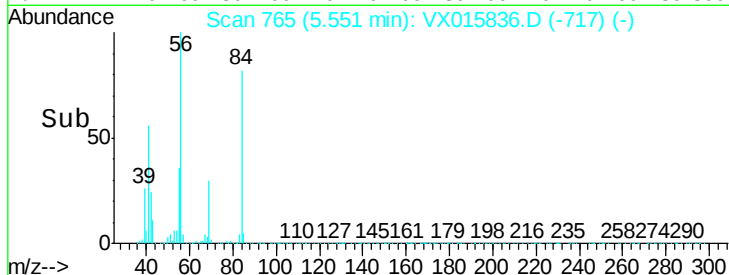
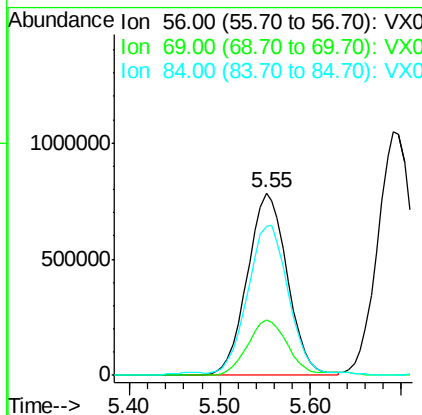
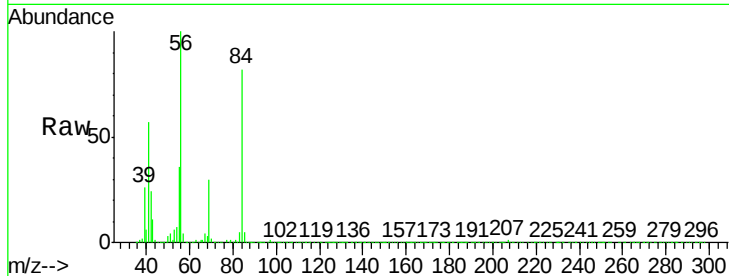
ClientSampleId :

VSTDIC150

Tot Ion:	56	Resp:	2387948
Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.3	37.9
84	80.3	69.1	103.7

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#32

1,1,1-Trichloroethane

Concen: 154.064 ug/l

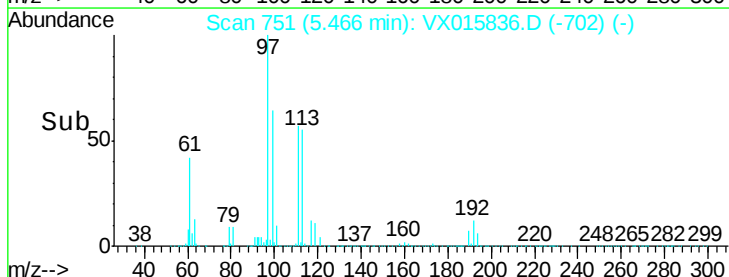
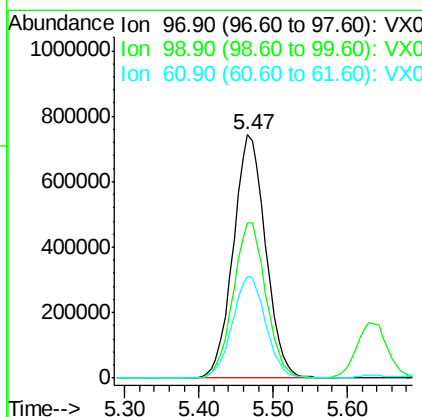
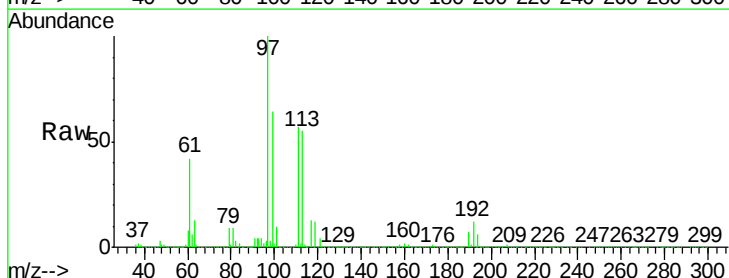
RT: 5.47 min Scan# 751

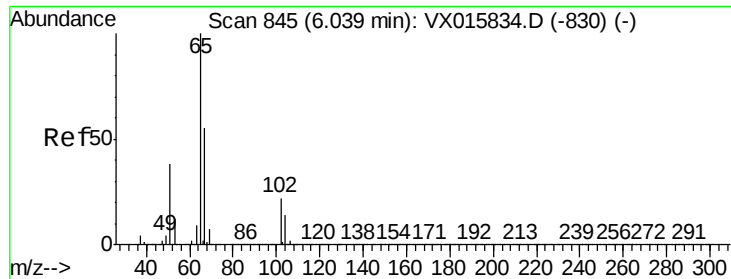
Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tgt Ion:	97	Resp:	2261805
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.2	76.8
61	42.8	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 144.845 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 1621622

Ion Ratio Lower Upper

65 100

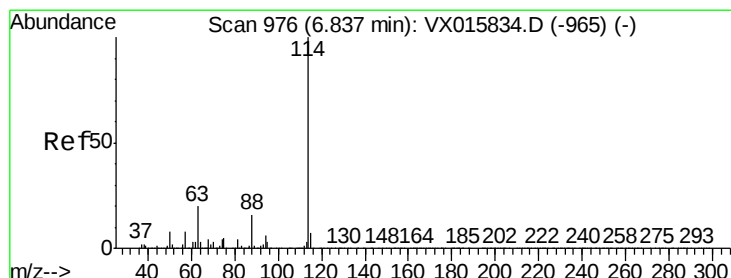
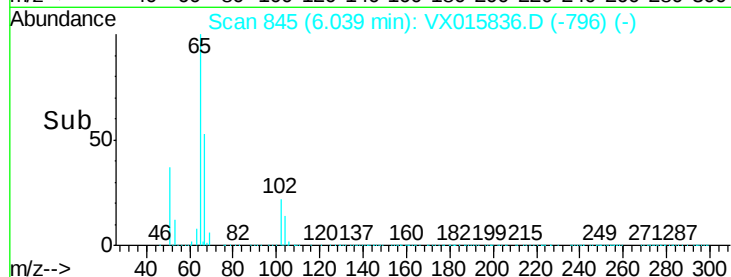
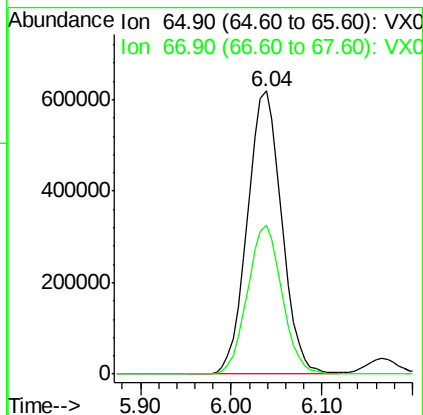
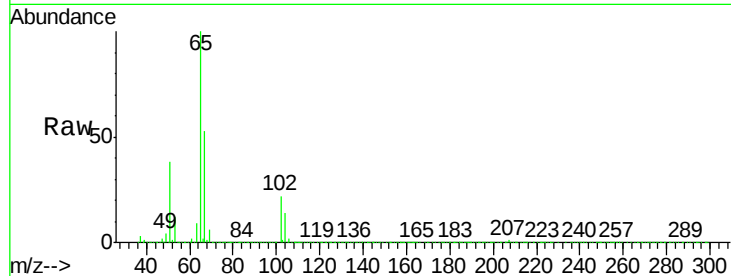
67 52.7 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

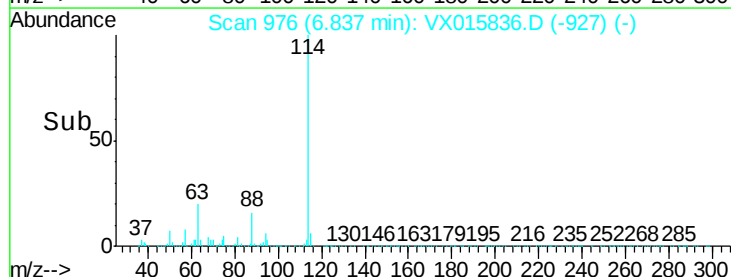
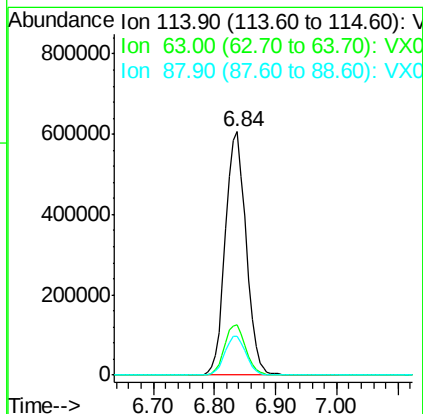
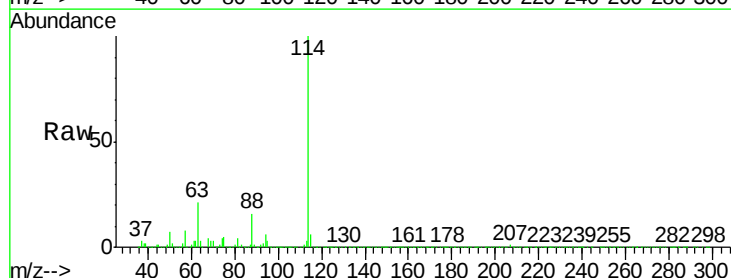
Tgt Ion: 114 Resp: 1415239

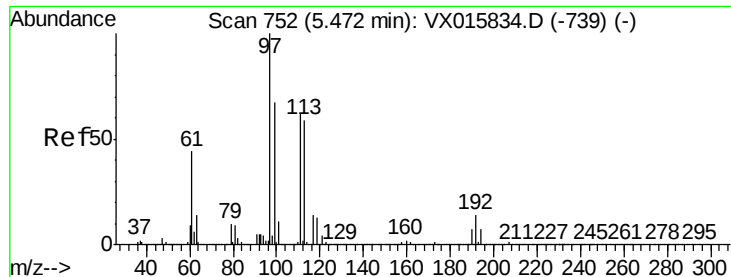
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

88 15.8 0.0 32.8





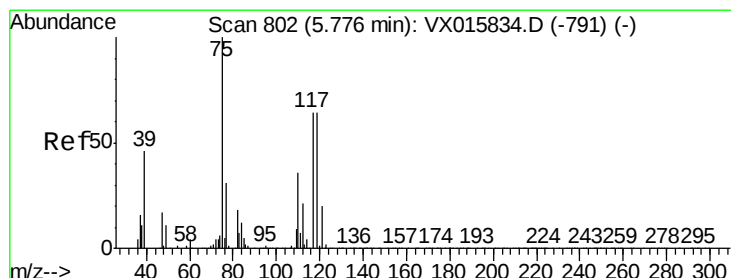
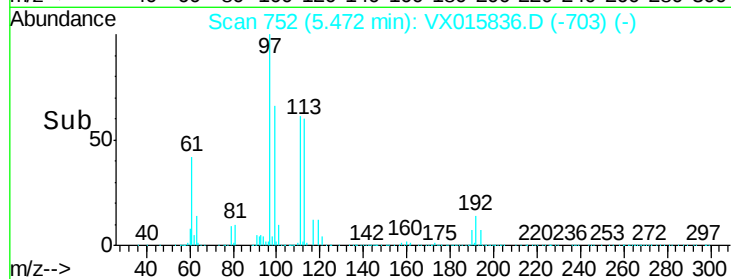
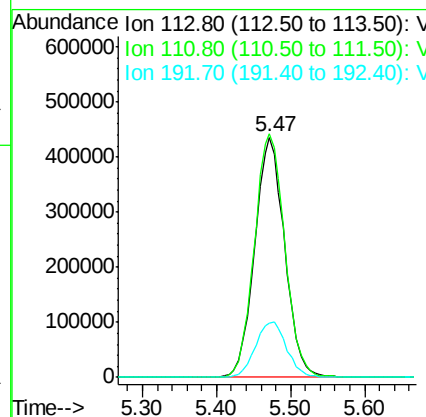
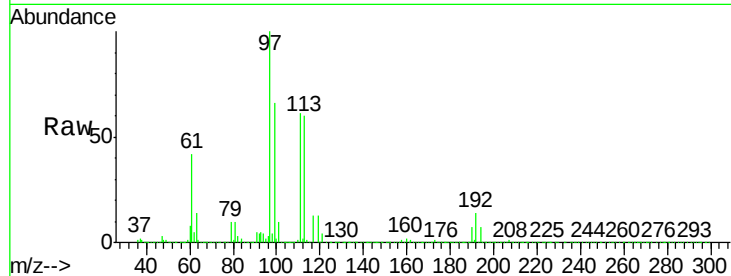
#35
Dibromofluoromethane
Concen: 136.626 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	24.2	19.3	28.9

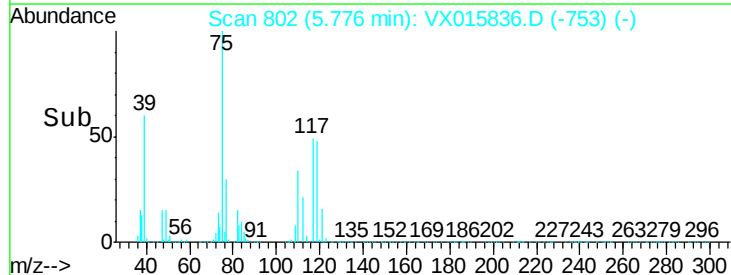
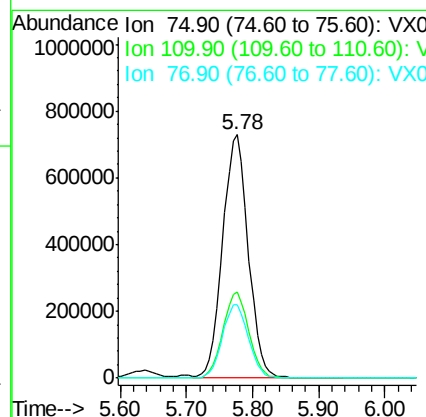
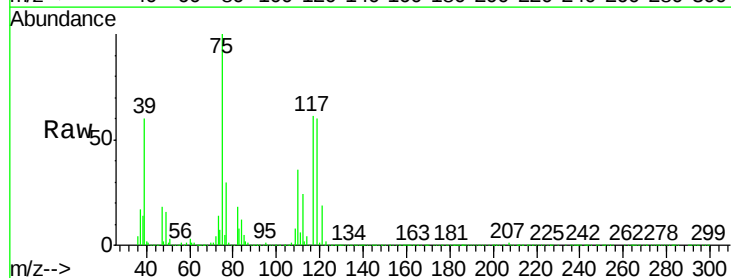
Manual Integrations
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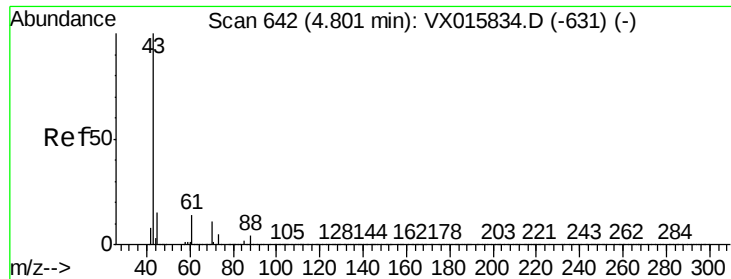
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#36
1,1-Dichloropropene
Concen: 156.667 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.9	53.8
77	30.6	24.5	36.7





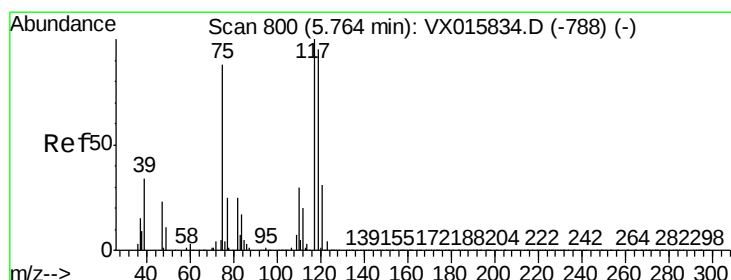
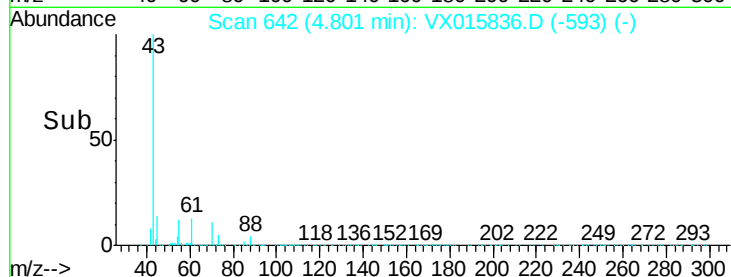
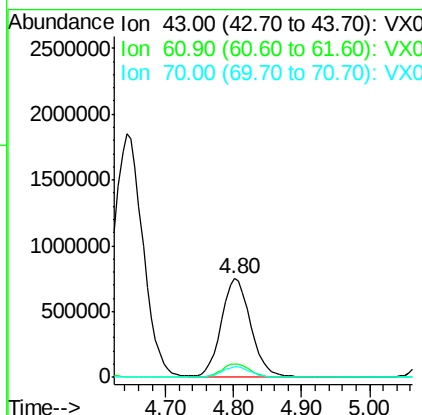
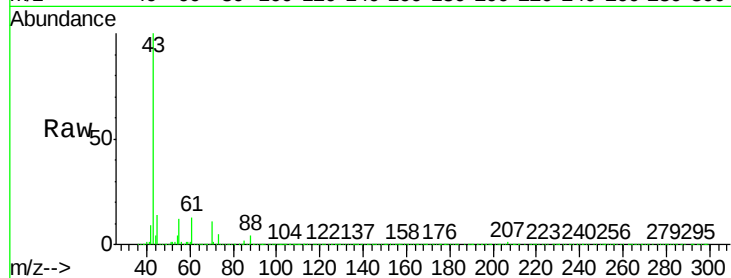
#37
Ethyl Acetate
Concen: 150.019 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.8	16.2
70	10.4	8.2	12.2

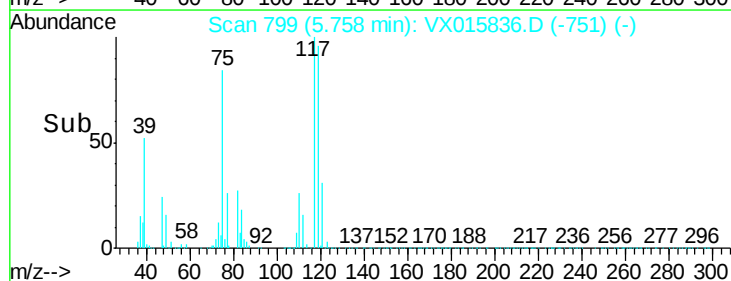
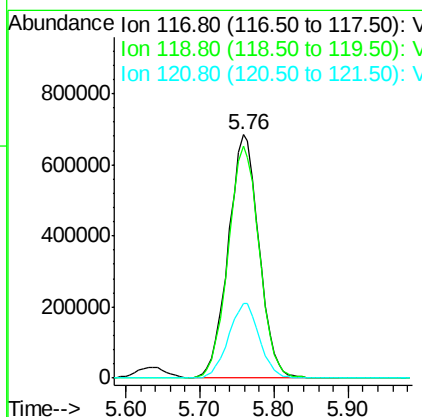
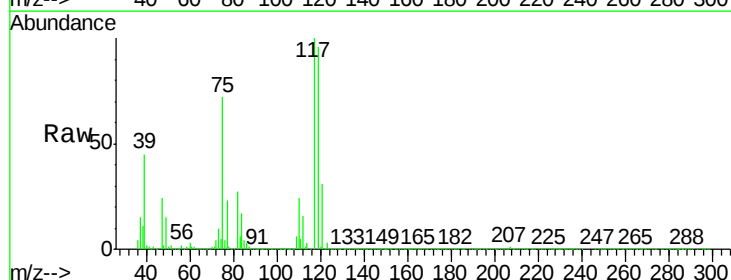
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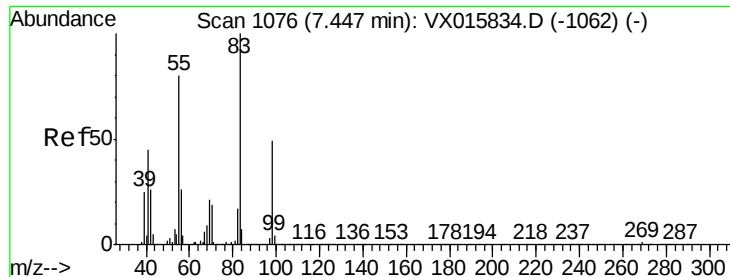
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#38
Carbon Tetrachloride
Concen: 163.085 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.7	113.5
121	30.9	25.0	37.6





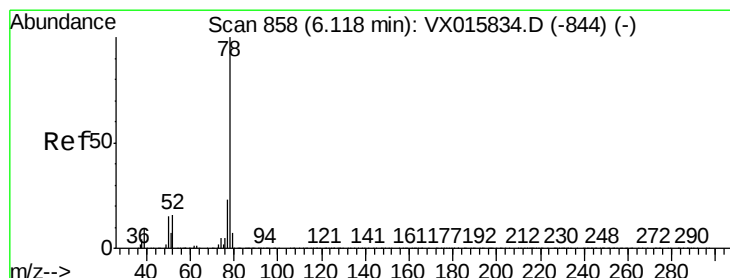
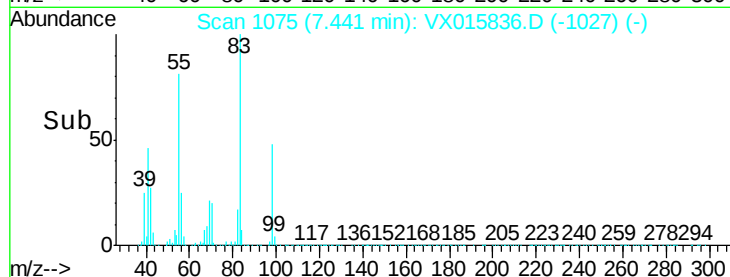
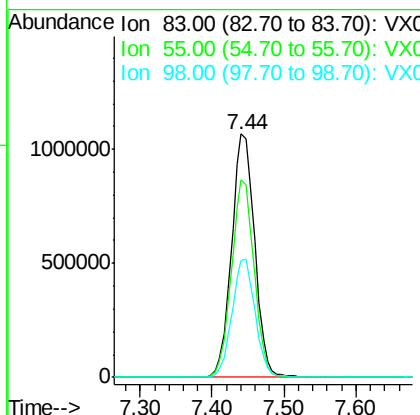
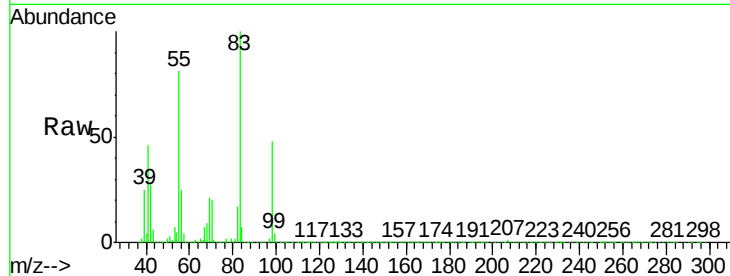
#39
Methvlcvclohexane
Concen: 148.563 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.1	64.2	96.4
98	47.9	39.3	58.9

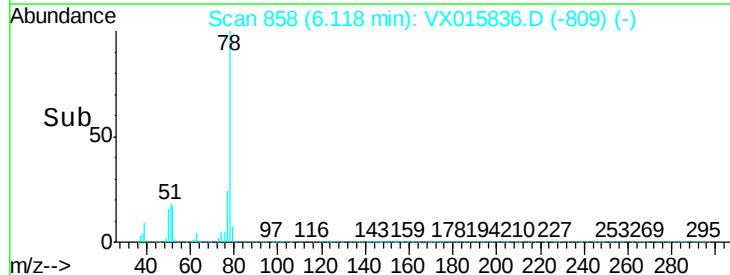
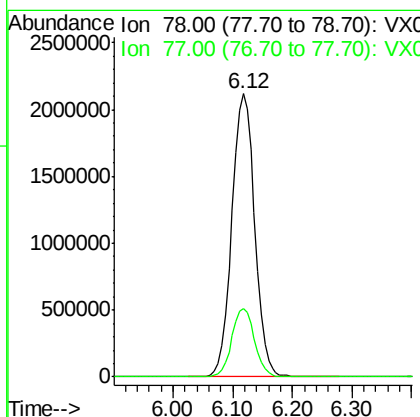
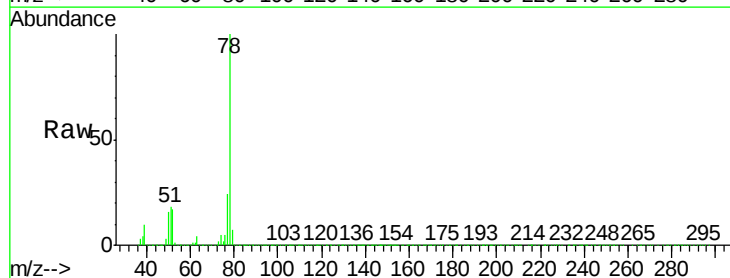
Manual Integrations
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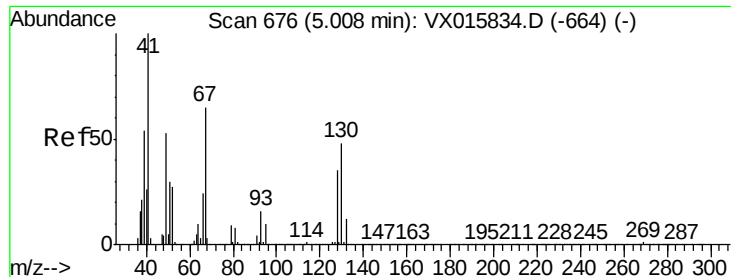
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#40
Benzene
Concen: 148.400 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	27.8





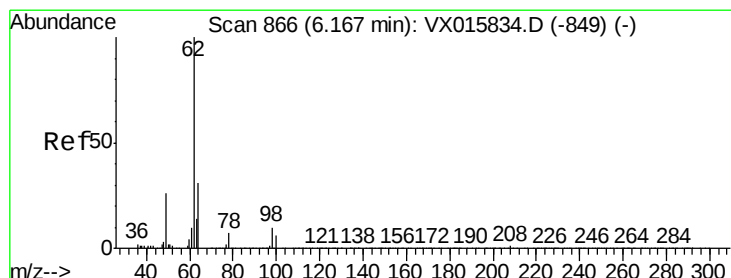
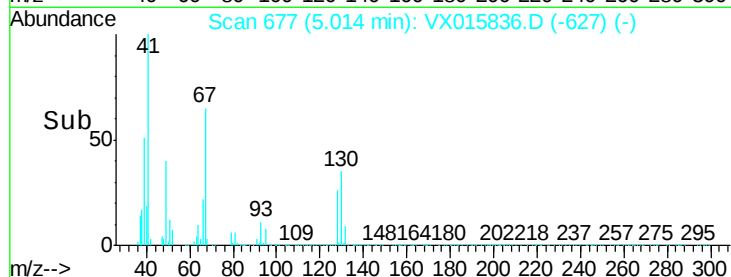
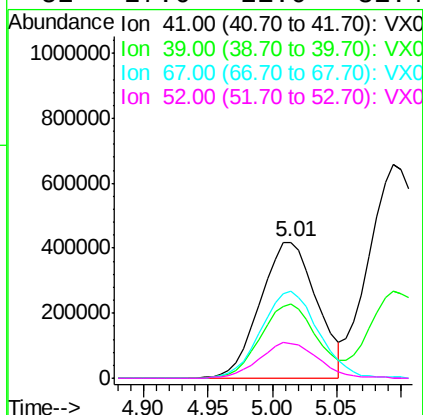
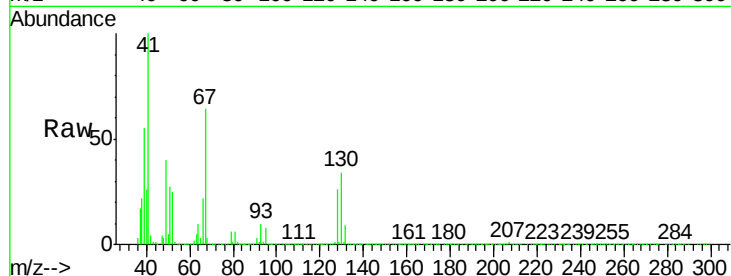
#41
Methacrylonitrile
Concen: 180.539 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	42.4	63.6	
67	65.3	51.9	77.9	
52	27.6	21.0	31.4	

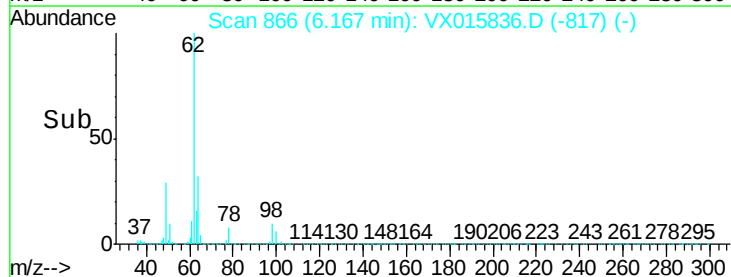
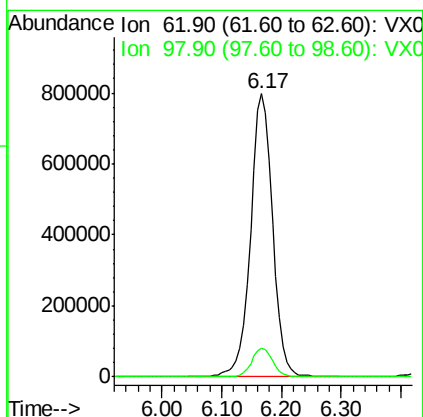
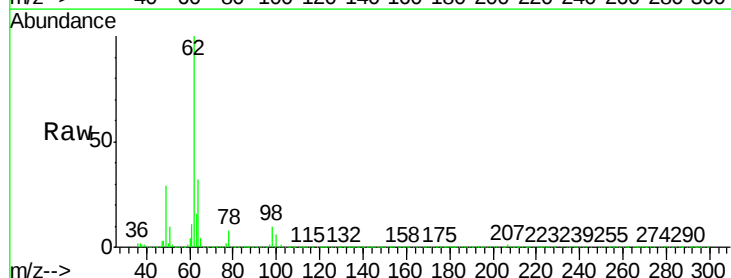
Manual Integrations
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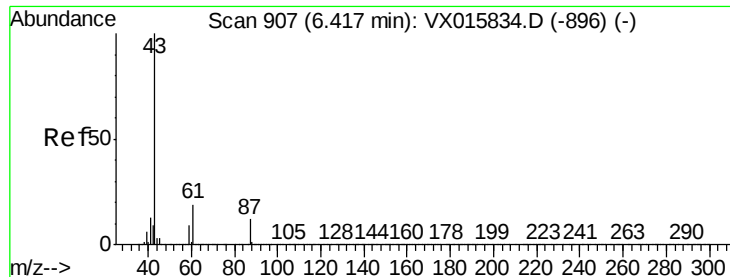
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#42
1,2-Dichloroethane
Concen: 149.959 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	20.0	





#43

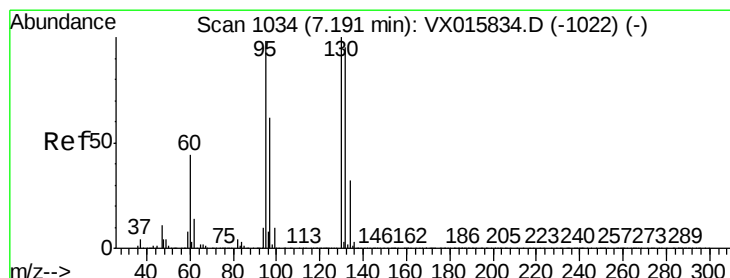
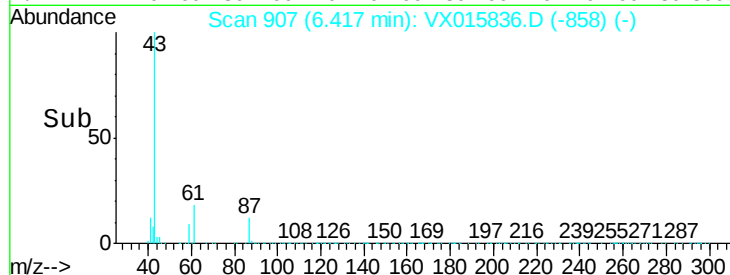
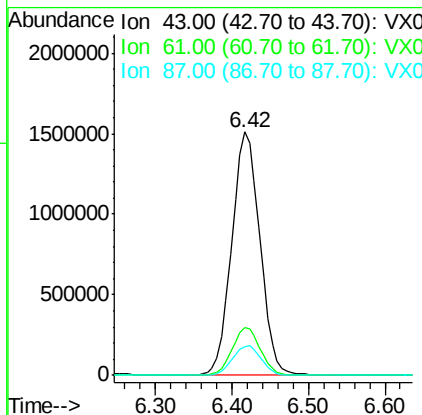
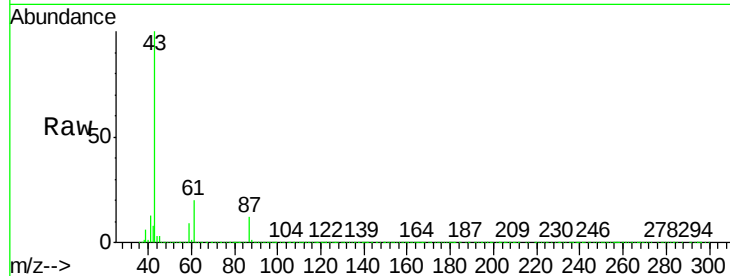
Isopropyl Acetate
 Concen: 152.885 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.2
87	12.5	9.8	14.6

Manual Integrations
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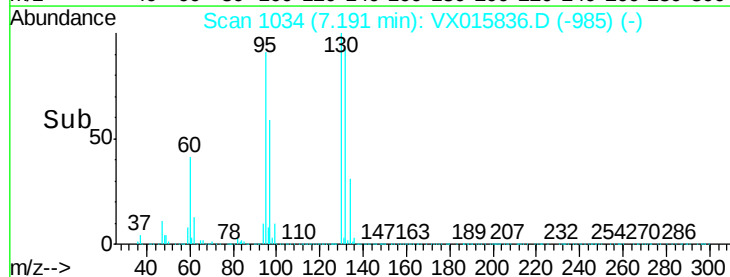
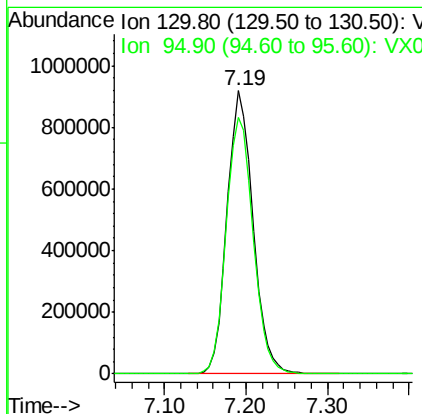
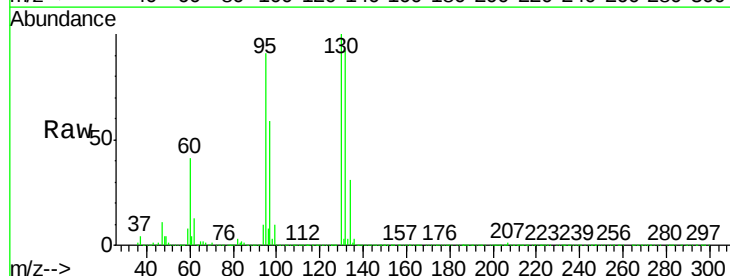
MMDadoda
 4/23/2020 11:58:17 AM

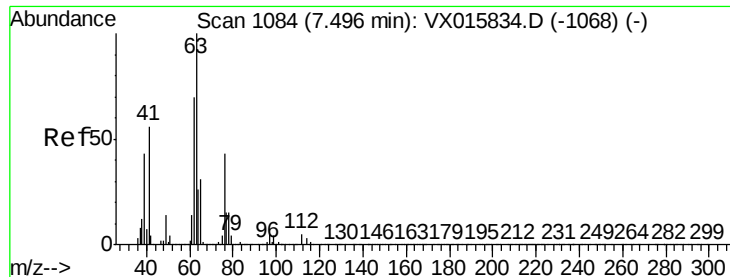


#44

Trichloroethene
 Concen: 151.962 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	195.8





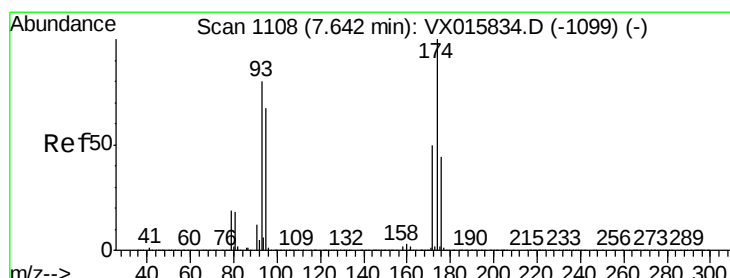
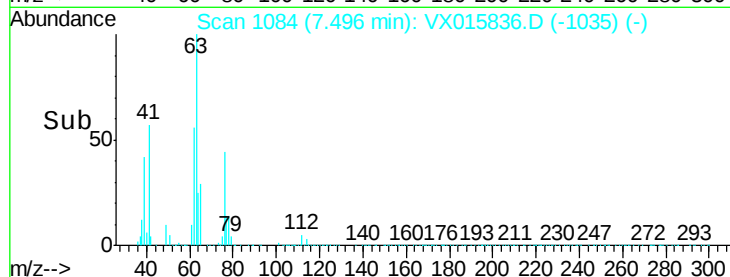
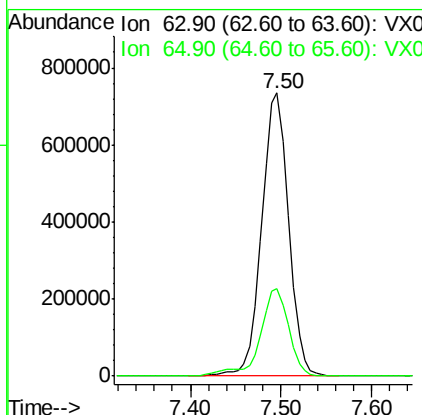
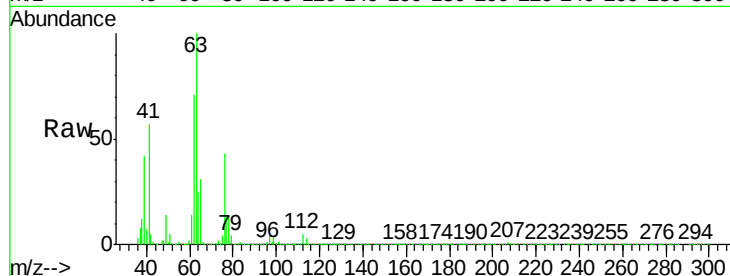
#45
 1,2-Dichloropropane
 Concen: 152.481 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Tot Ion: 63 Resp: 1506794
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.5 36.7

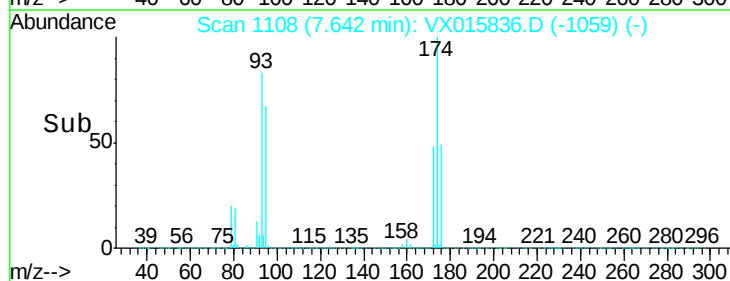
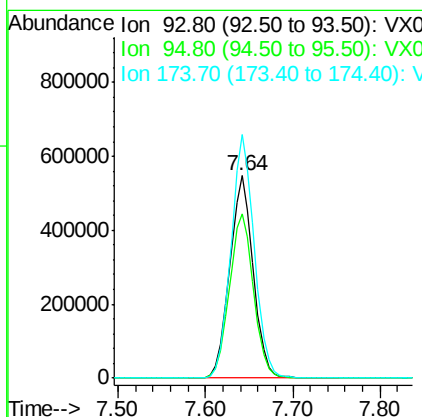
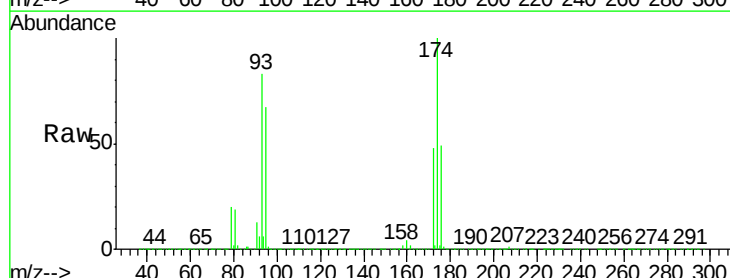
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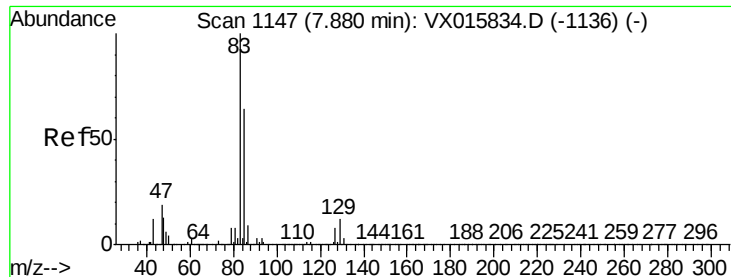
MMDadoda
 4/23/2020 11:58:17 AM



#46
 Dibromomethane
 Concen: 137.939 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion: 93 Resp: 1026015
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.8 98.8
 174 119.6 95.6 143.4





#47

Bromodichloromethane

Concen: 162.286 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

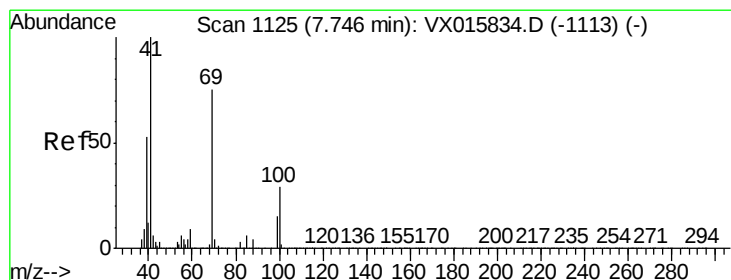
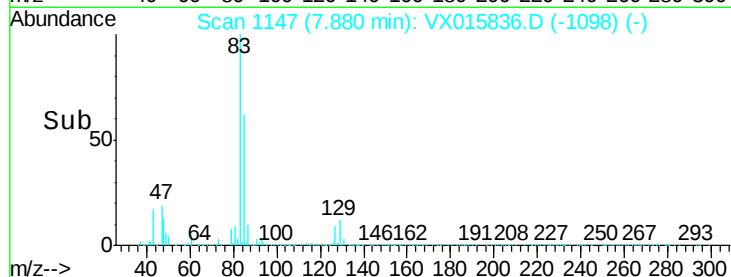
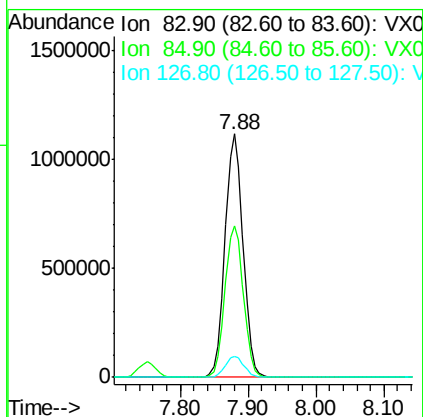
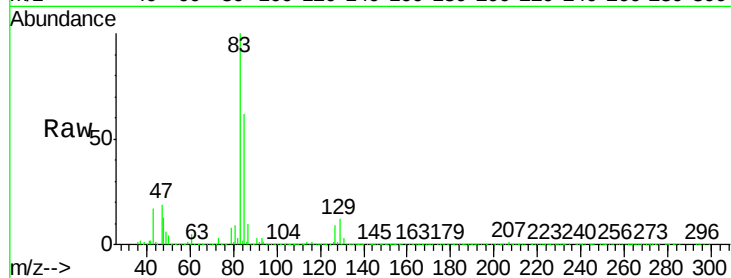
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	2042409
Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.8	76.2
127	8.8	6.6	10.0

Manual Integrations
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MMDadoda
4/23/2020 11:58:17 AM



#48

Methyl methacrylate

Concen: 158.077 ug/l

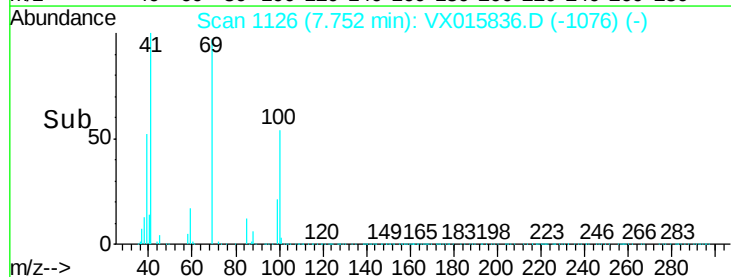
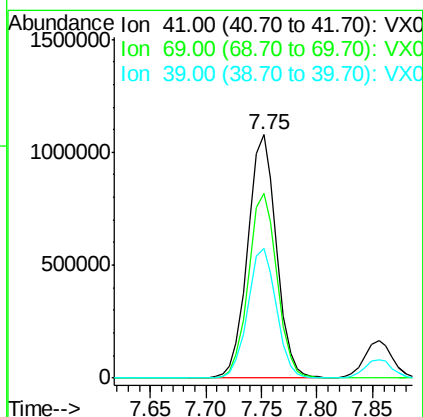
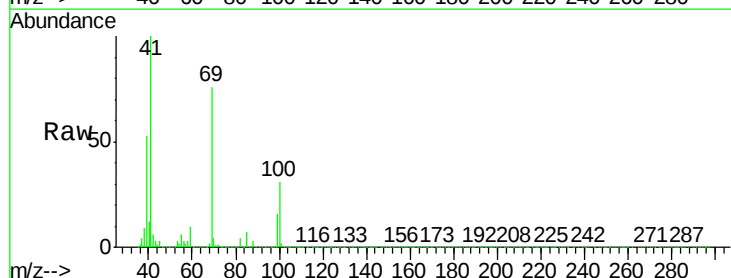
RT: 7.75 min Scan# 1126

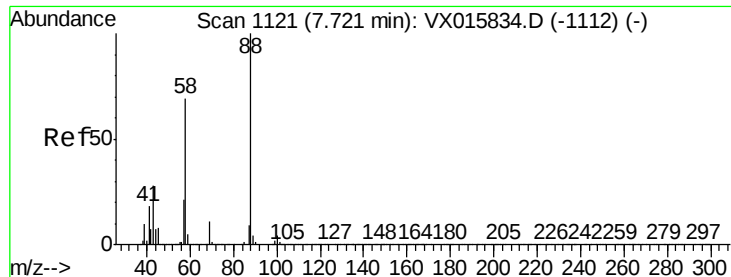
Delta R.T. 0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tgt Ion:	41	Resp:	1929811
Ion	Ratio	Lower	Upper
41	100		
69	76.0	60.5	90.7
39	53.1	42.1	63.1





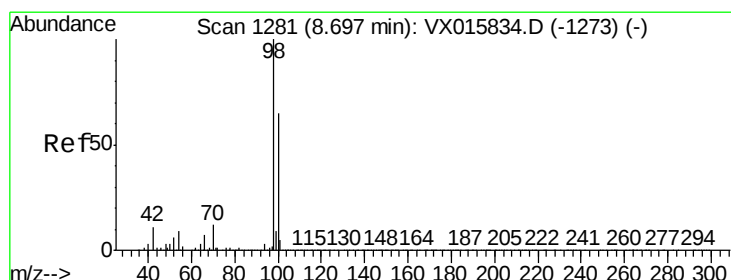
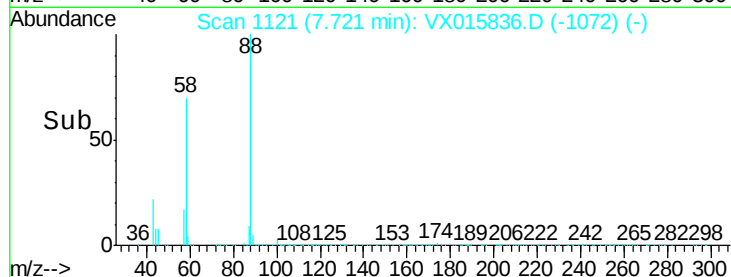
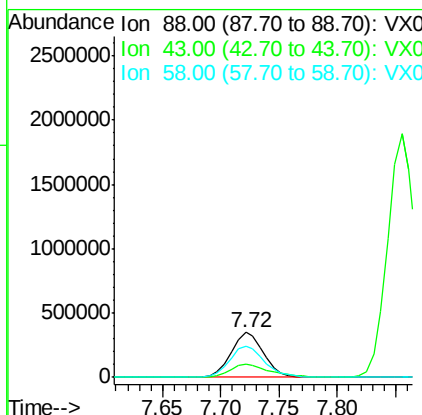
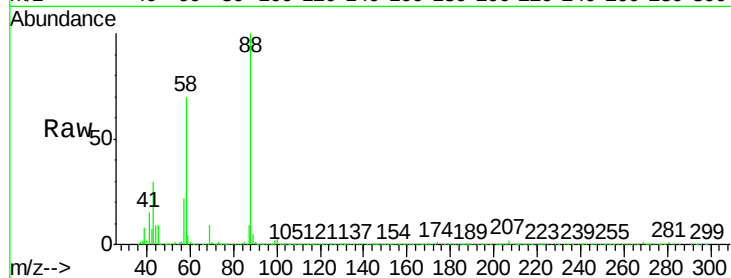
#49
1,4-Dioxane
Concen: 2852.494 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	28.2	42.4
58	74.3	58.9	88.3

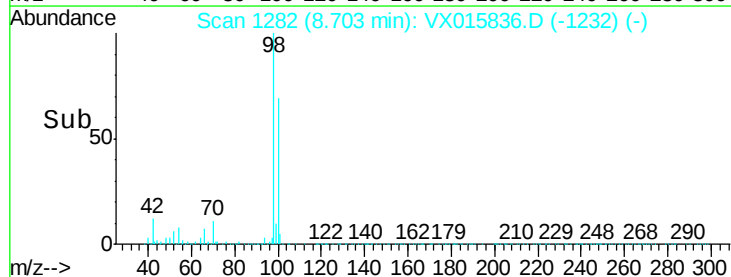
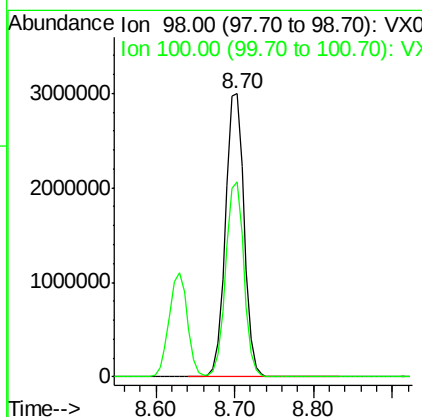
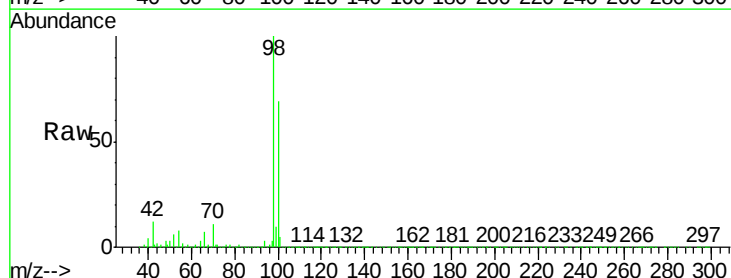
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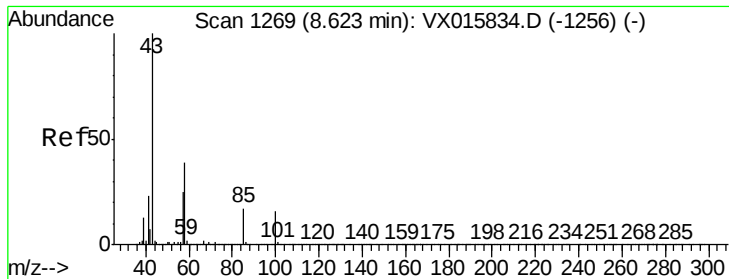
MMDadoda
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#50
Toluene-d8
Concen: 144.210 ug/l
RT: 8.70 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.8	80.6





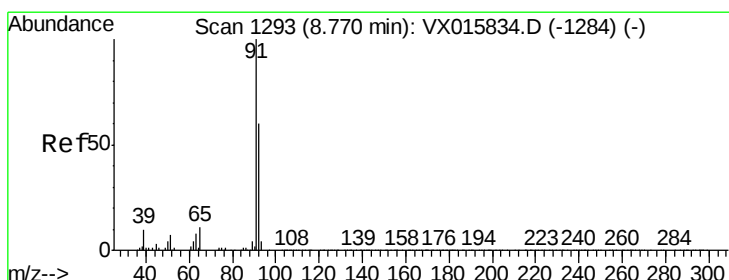
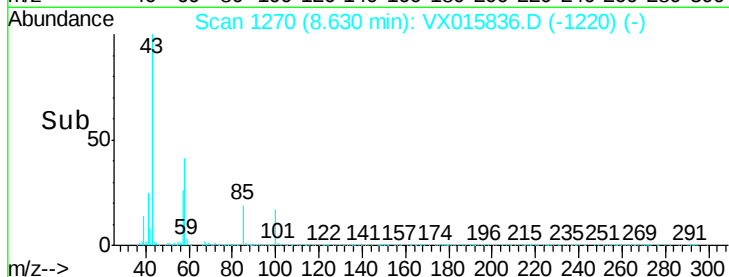
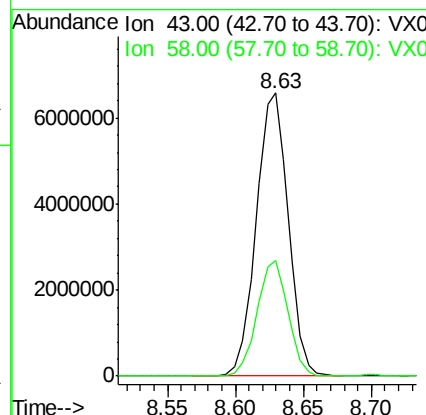
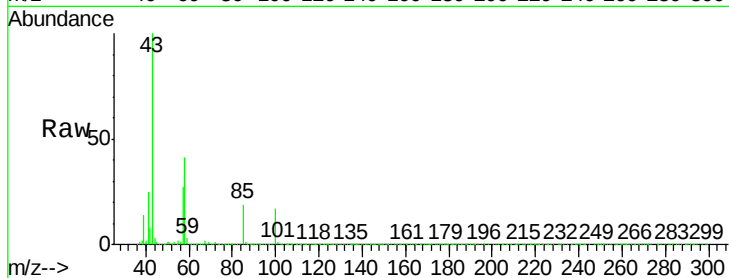
#51
4-Methyl-2-Pentanone
Concen: 746.449 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 10849113
Ion Ratio Lower Upper
43 100
58 39.5 30.6 45.8

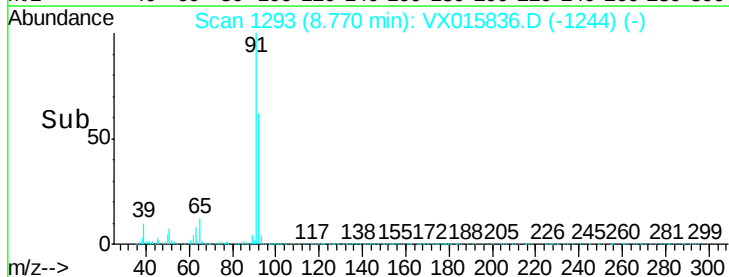
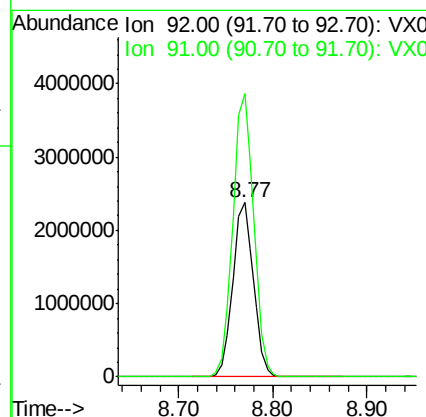
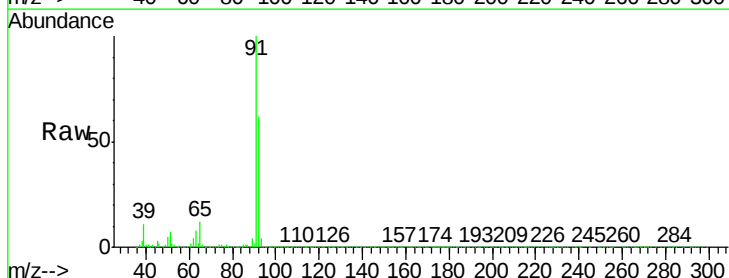
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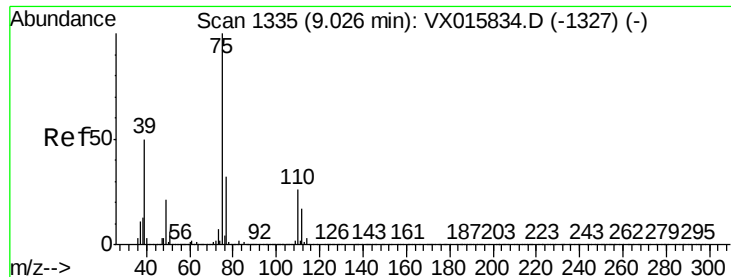
MMDadoda
4/23/2020 11:58:17 AM



#52
Toluene
Concen: 147.732 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 92 Resp: 3606231
Ion Ratio Lower Upper
92 100
91 165.1 133.4 200.0





#53

t-1,3-Dichloropropene

Concen: 159.005 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 2493063

Ion Ratio Lower Upper

75 100

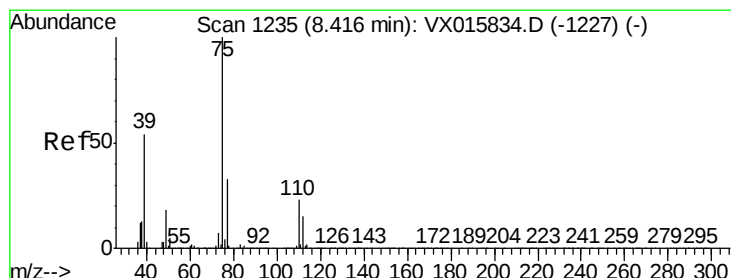
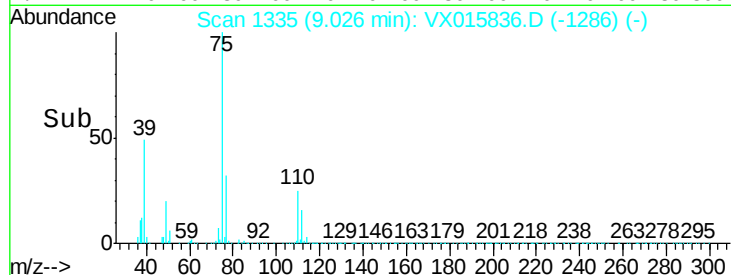
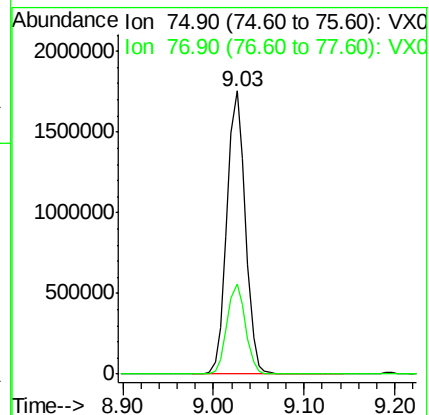
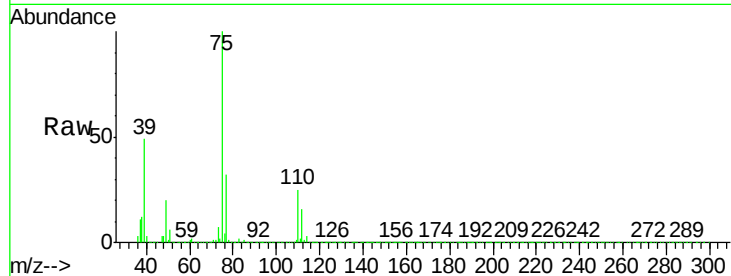
77 31.7 25.9 38.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 154.962 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

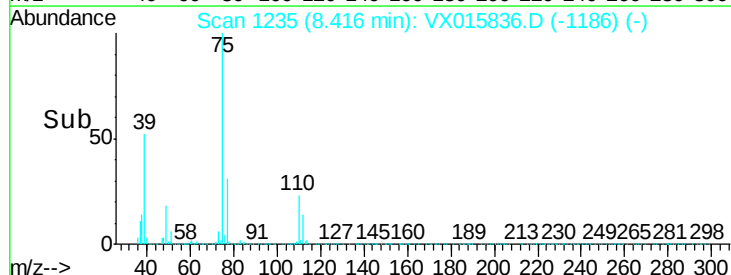
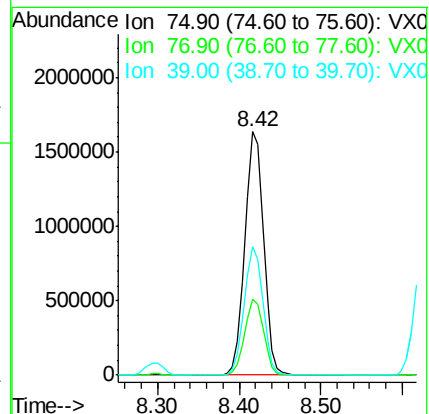
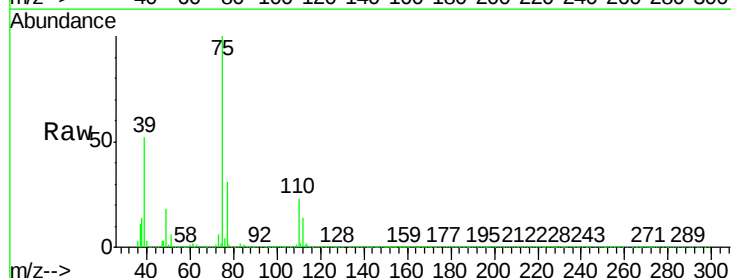
Tgt Ion: 75 Resp: 2589753

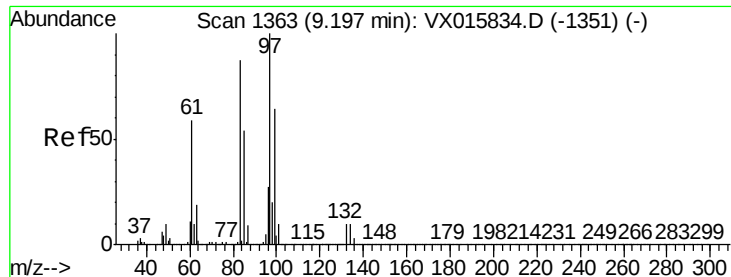
Ion Ratio Lower Upper

75 100

77 31.2 26.0 39.0

39 52.4 42.8 64.2





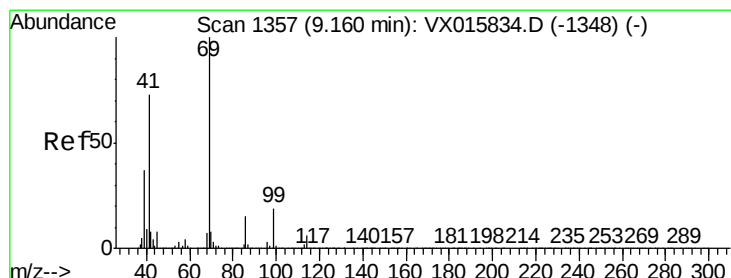
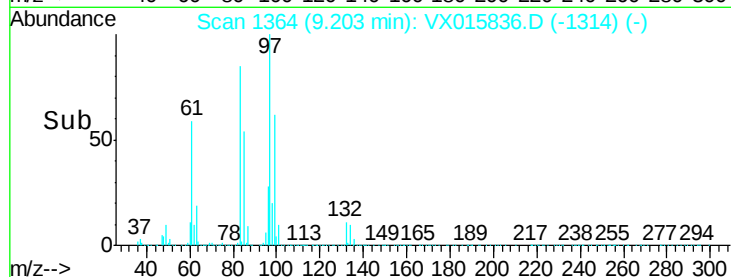
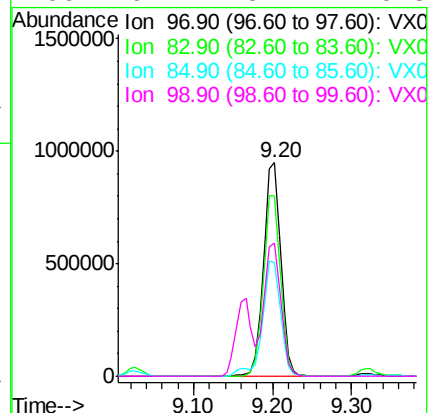
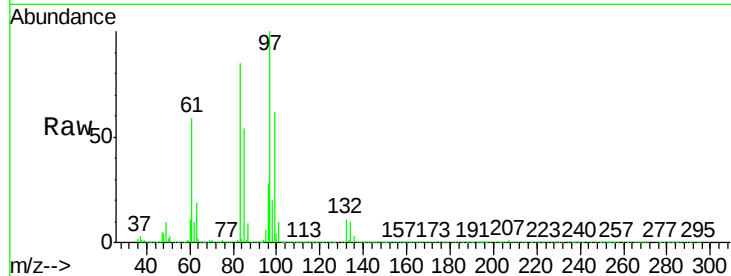
#55
1,1,2-Trichloroethane
Concen: 154.269 ug/l
RT: 9.20 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.8	104.8
85	53.6	43.4	65.2
99	62.4	51.2	76.8

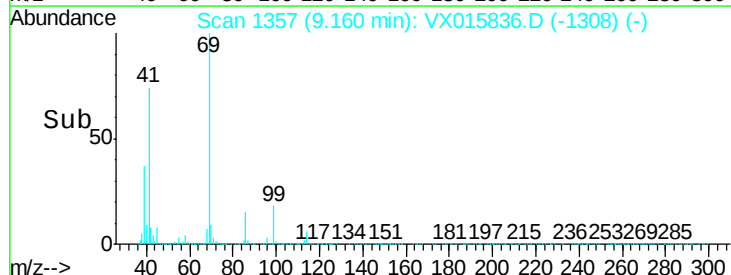
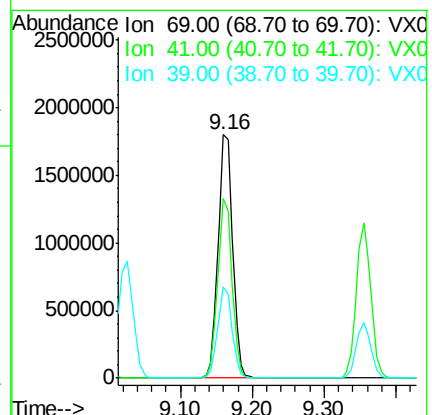
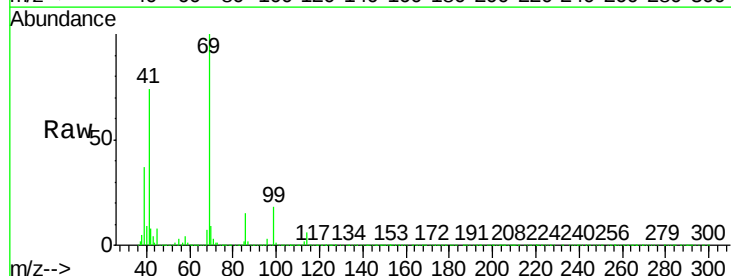
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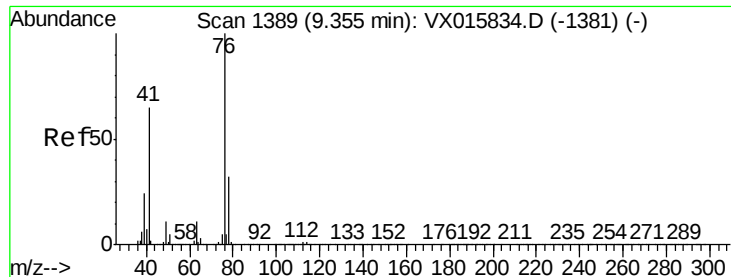
MMDadoda
4/23/2020 11:58:17 AM



#56
Ethyl methacrylate
Concen: 159.174 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.2	57.4	86.2
39	36.9	29.7	44.5





#57

1,3-Dichloropropane

Concen: 152.468 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 2497749

Ion Ratio Lower Upper

76 100

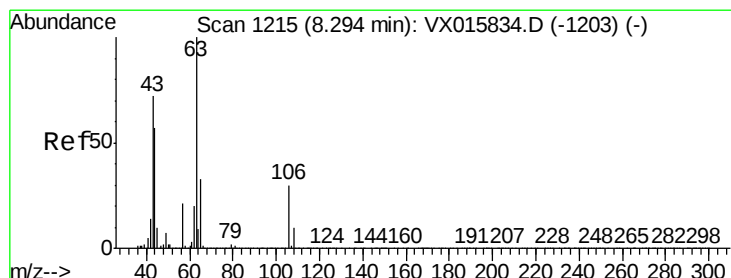
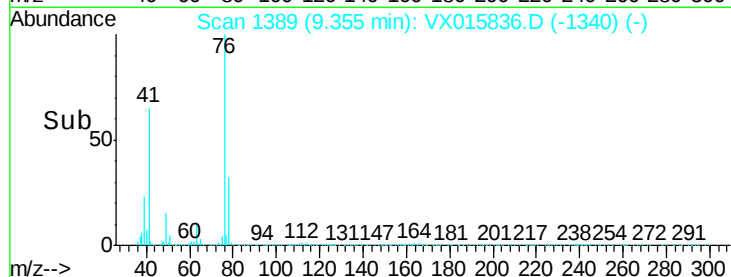
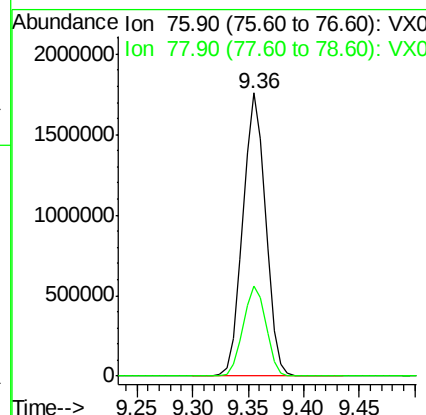
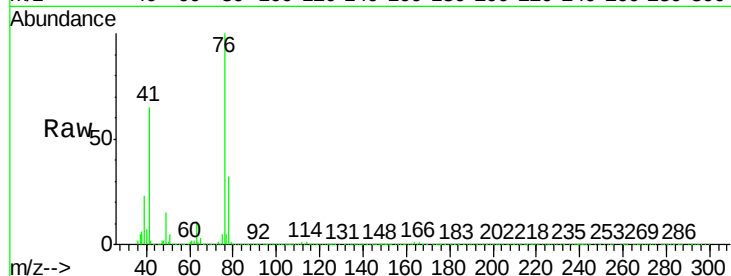
78 32.1 25.4 38.2

Manual Integrations

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MMDadoda

4/23/2020 11:58:17 AM



#58

2-Chloroethyl Vinyl ether

Concen: 762.974 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015836.D

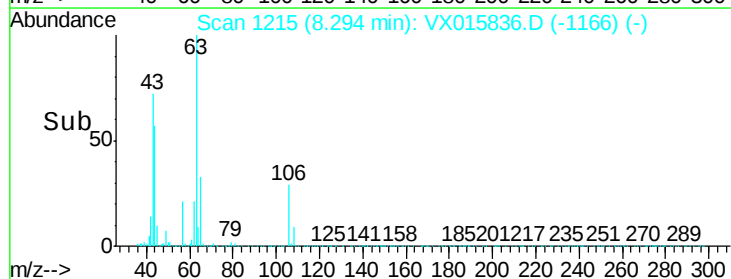
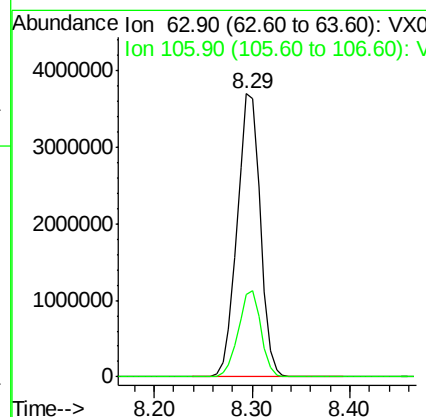
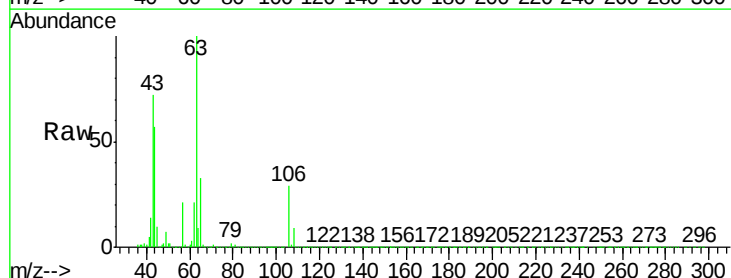
Acq: 22 Apr 2020 11:51

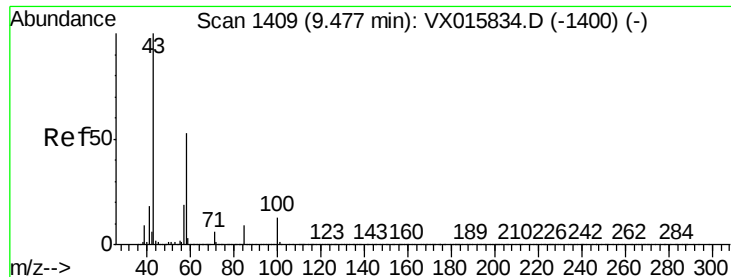
Tgt Ion: 63 Resp: 6073800

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8





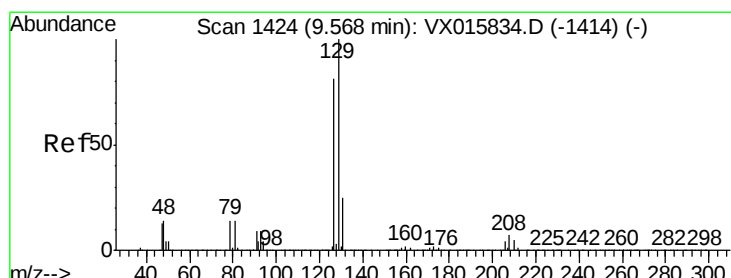
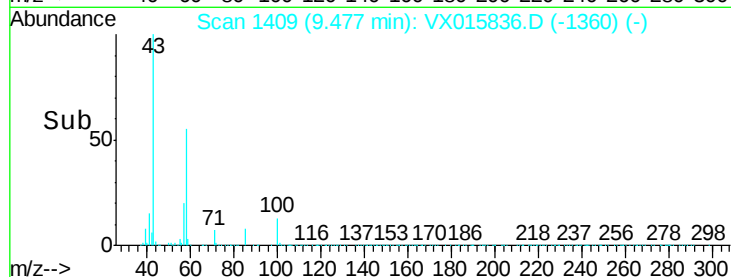
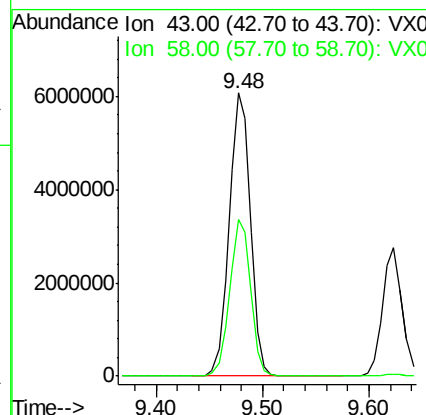
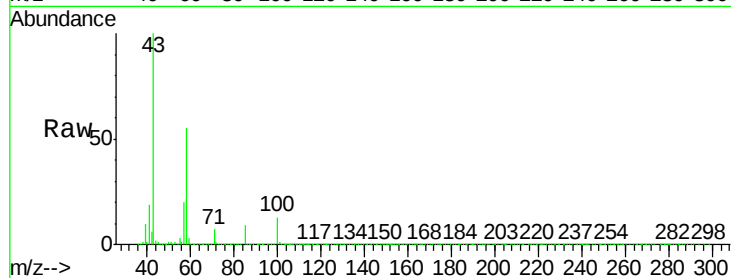
#59
2-Hexanone
Concen: 771.595 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 8458799
Ion Ratio Lower Upper
43 100
58 54.6 26.5 79.4

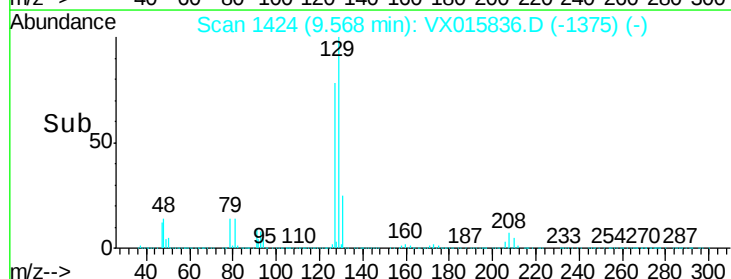
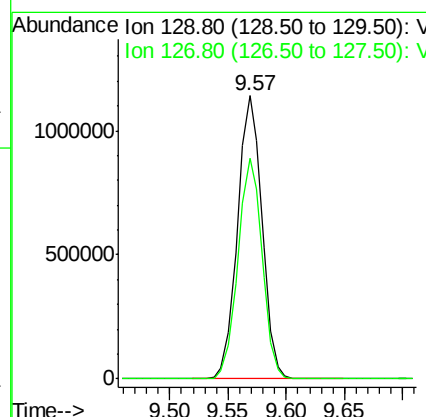
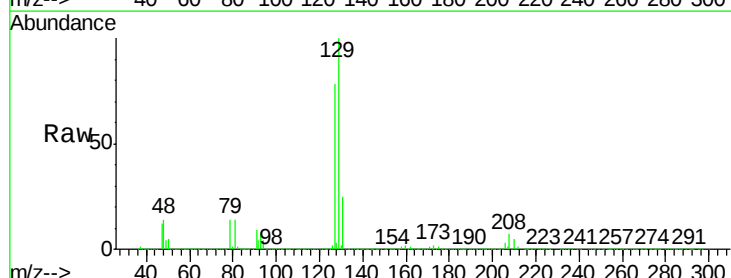
Manual Integrations
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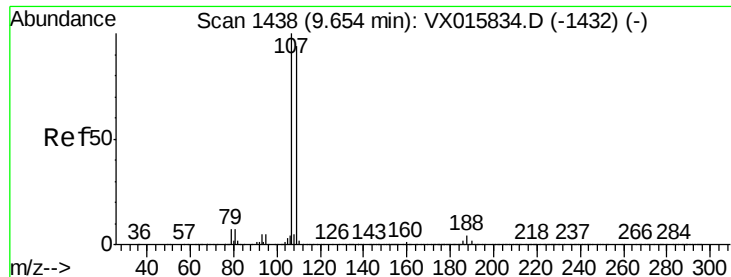
MMDadoda
4/23/2020 11:58:17 AM



#60
Dibromochloromethane
Concen: 182.196 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion: 129 Resp: 1676810
Ion Ratio Lower Upper
129 100
127 77.1 40.0 120.0





#61

1,2-Dibromoethane

Concen: 148.055 ug/l

RT: 9.66 min Scan# 1439

Delta R.T. 0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:107 Resp: 1555301

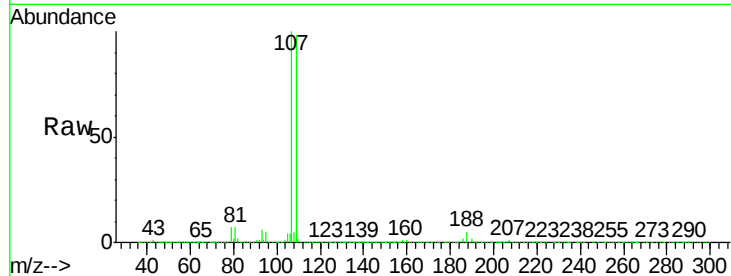
Ion Ratio Lower Upper

107 100

109 95.3 75.4 113.0

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

1200000

1000000

800000

600000

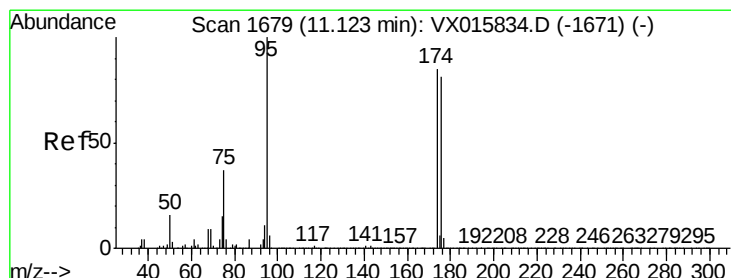
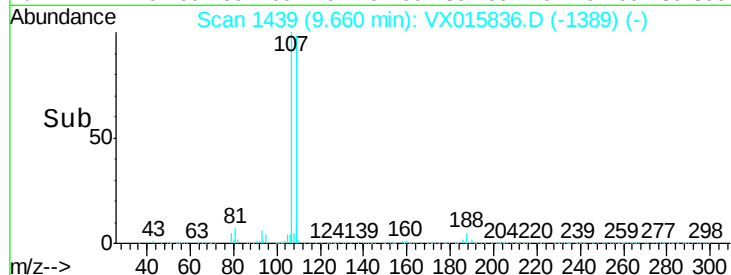
400000

200000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 140.440 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

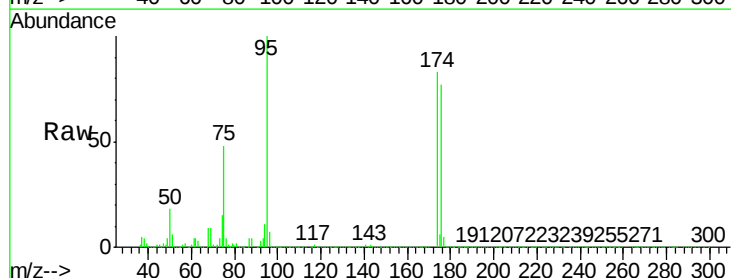
Tgt Ion: 95 Resp: 2093505

Ion Ratio Lower Upper

95 100

174 86.8 0.0 172.4

176 83.4 0.0 167.0



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

2000000

1500000

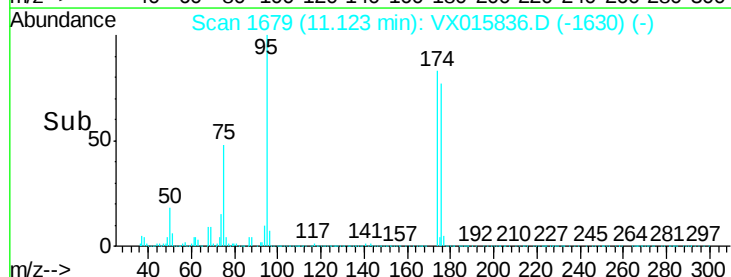
1000000

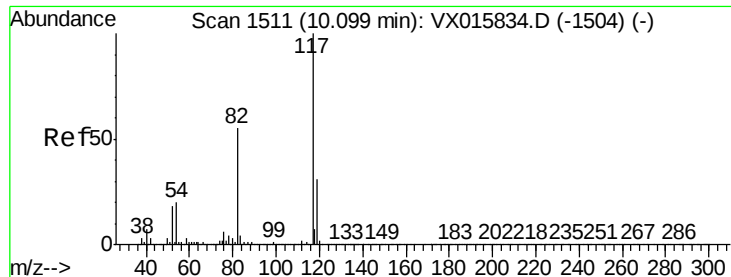
500000

0

11.10 11.12

Time-->





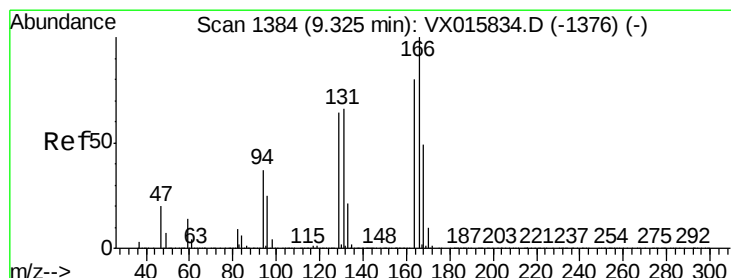
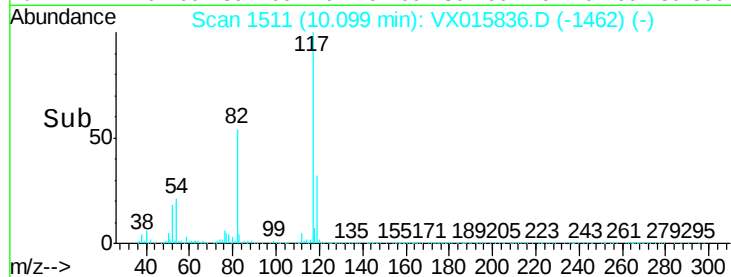
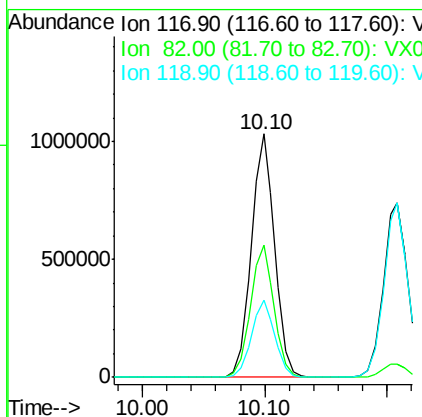
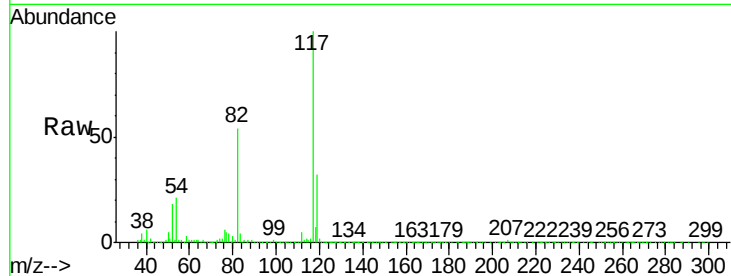
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.9	65.9
119	31.9	25.1	37.7

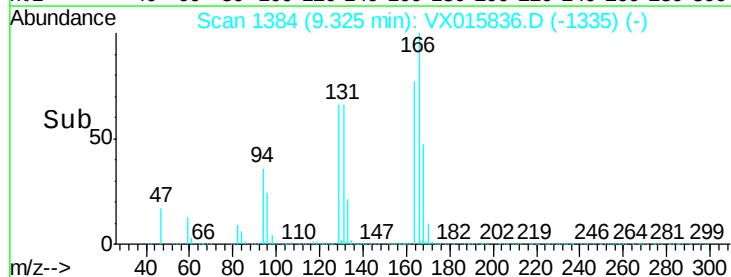
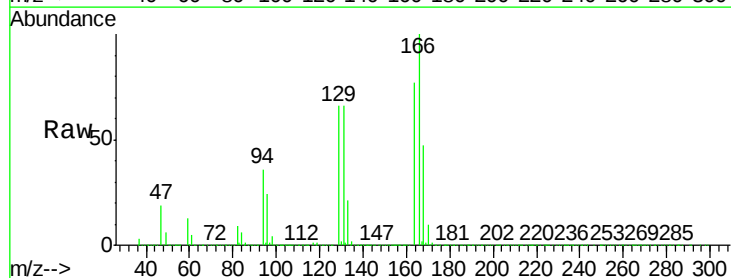
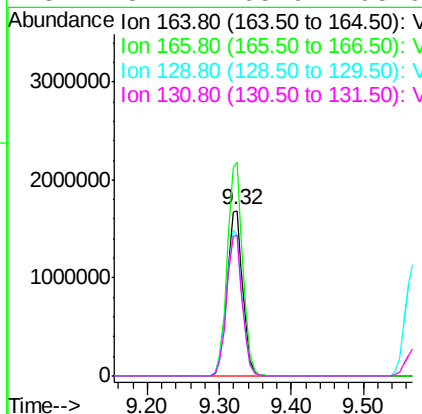
Manual Integrations
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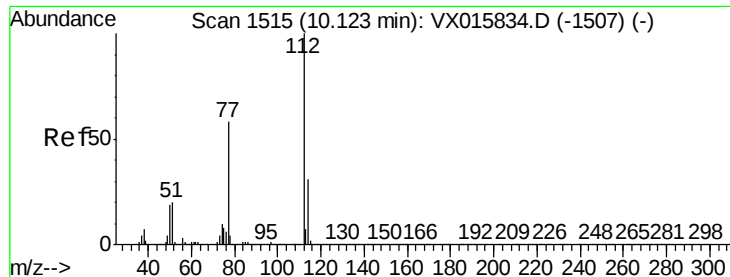
MMDadoda
4/23/2020 11:58:17 AM



#64
Tetrachloroethene
Concen: 133.755 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	100.2	150.2
129	84.8	64.5	96.7
131	84.7	65.9	98.9





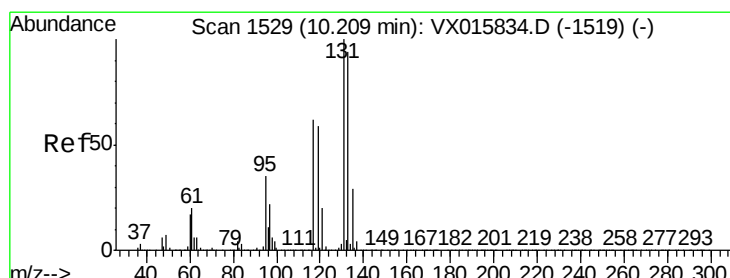
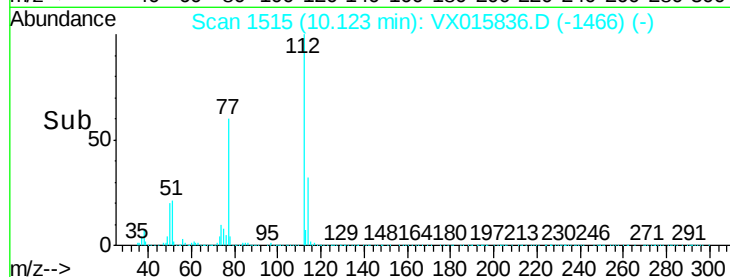
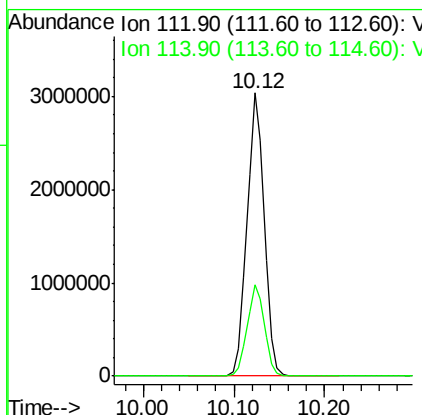
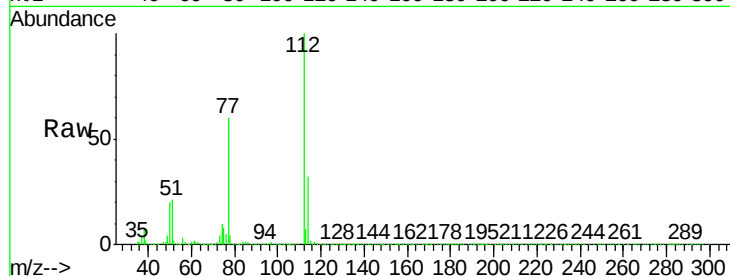
#65
Chlorobenzene
Concen: 144.775 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 3990445
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

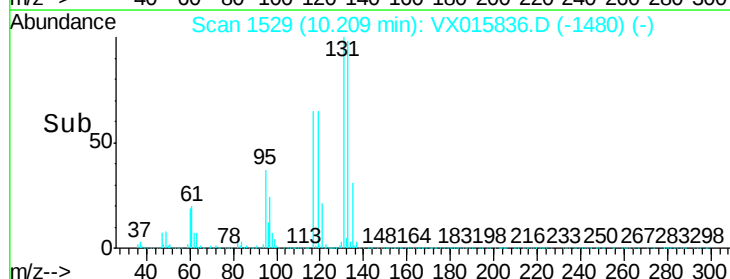
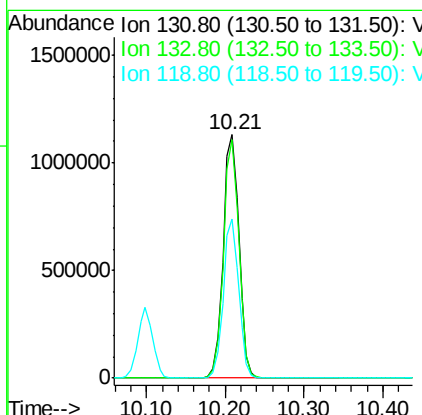
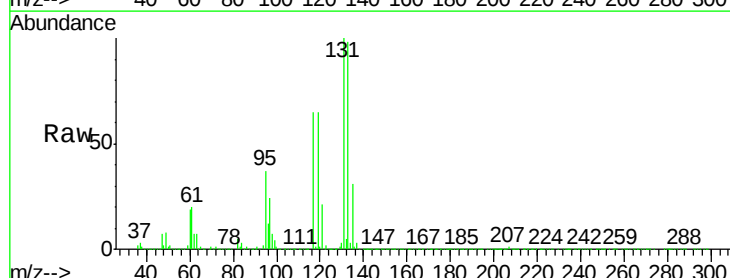
Manual Integrations
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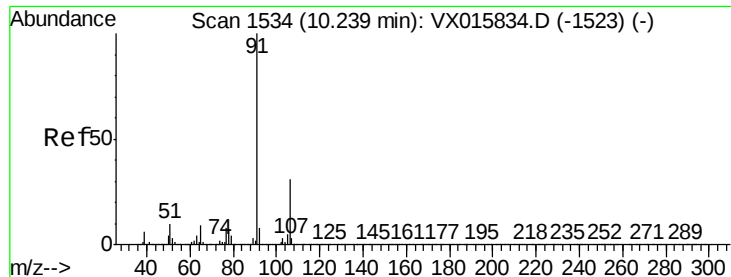
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 155.391 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion:131 Resp: 1571057
Ion Ratio Lower Upper
131 100
133 95.7 47.0 141.2
119 63.6 30.9 92.8





#67

Ethyl Benzene

Concen: 142.516 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 6947660

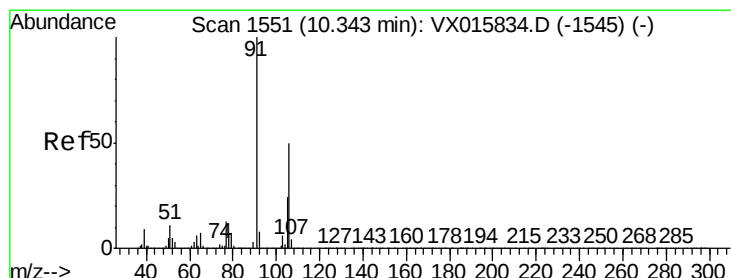
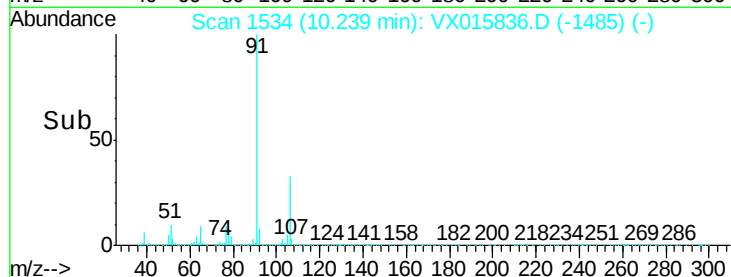
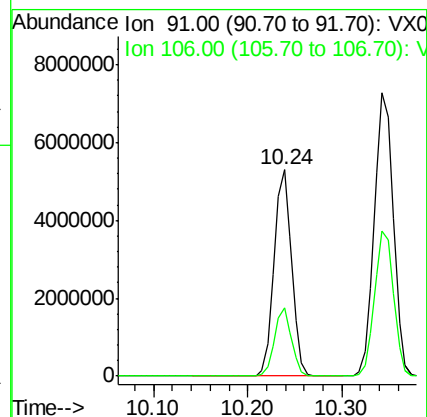
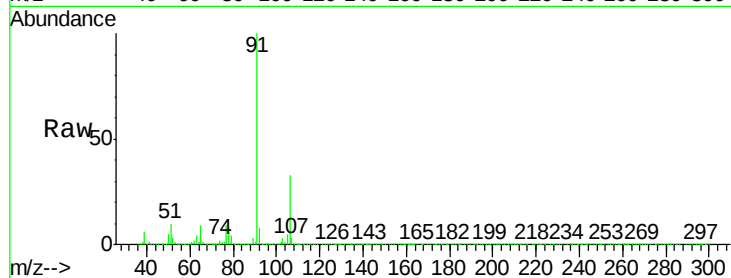
Ion Ratio Lower Upper

91 100

106 32.8 25.0 37.4

Manual Integrations
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#68

m/p-Xylenes

Concen: 287.382 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015836.D

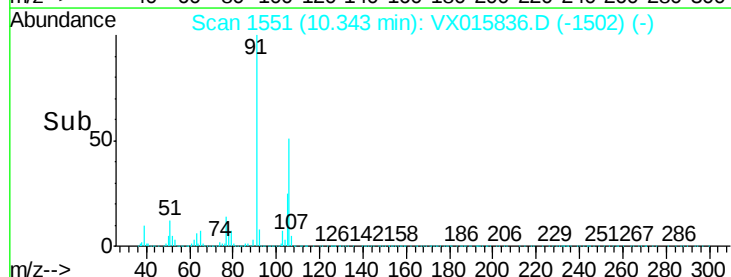
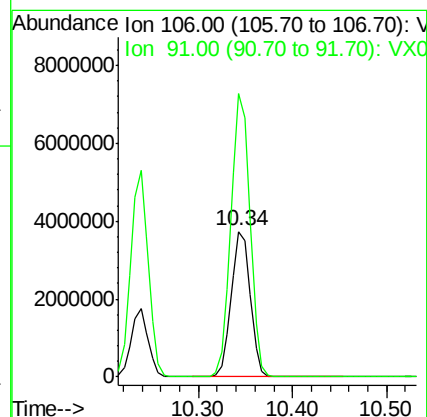
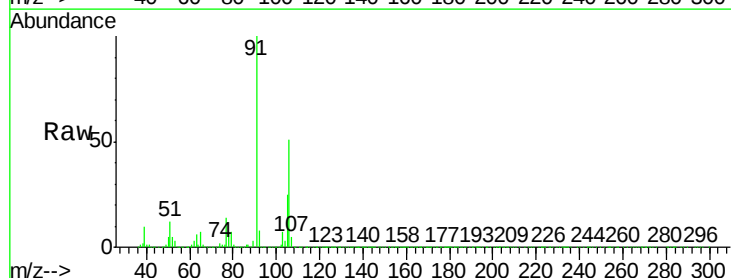
Acq: 22 Apr 2020 11:51

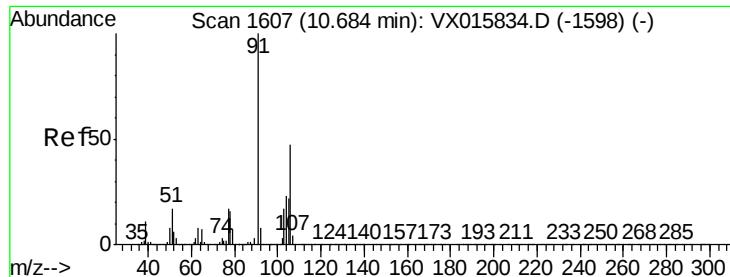
Tgt Ion: 106 Resp: 5236254

Ion Ratio Lower Upper

106 100

91 195.6 161.1 241.7





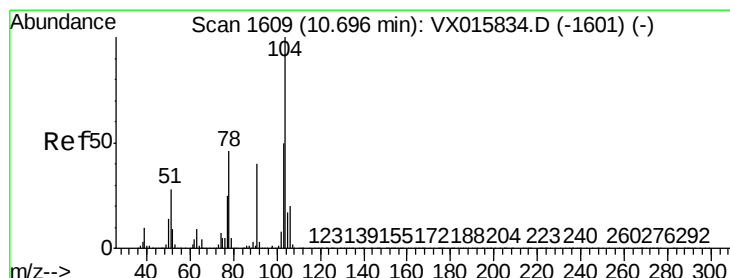
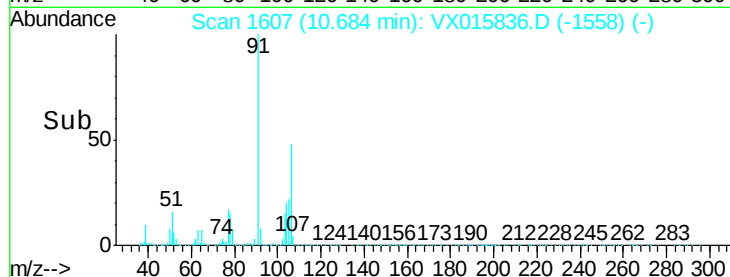
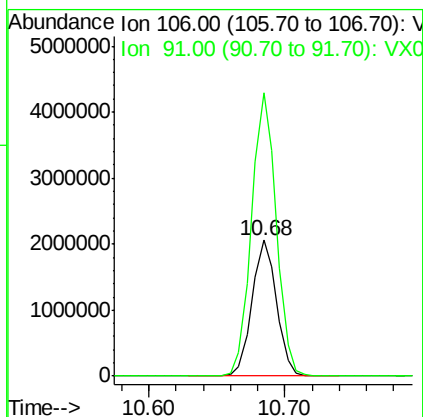
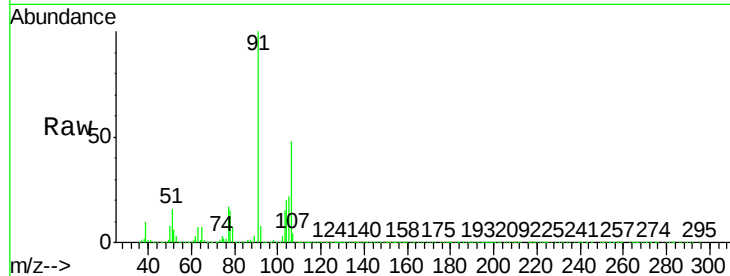
#69
o-Xylene
Concen: 145.825 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 2608147
Ion Ratio Lower Upper
106 100
91 210.5 107.1 321.3

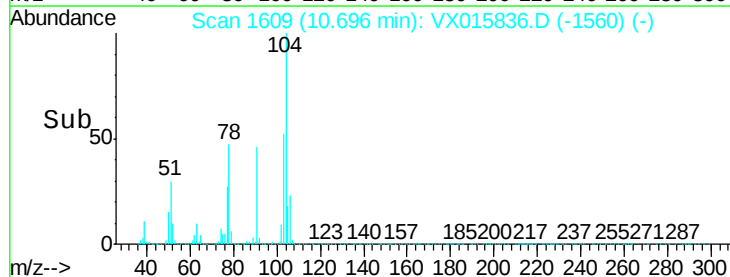
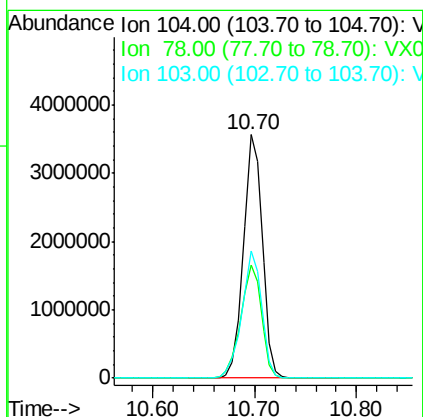
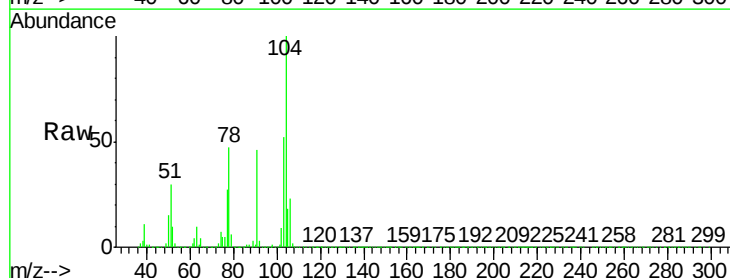
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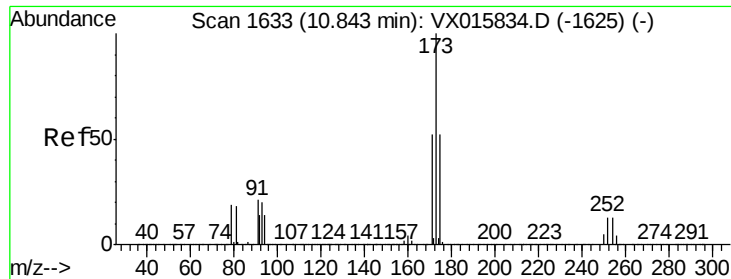
MMDadoda
4/23/2020 11:58:17 AM



#70
Styrene
Concen: 148.268 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion:104 Resp: 4558582
Ion Ratio Lower Upper
104 100
78 51.0 40.1 60.1
103 54.6 43.3 64.9





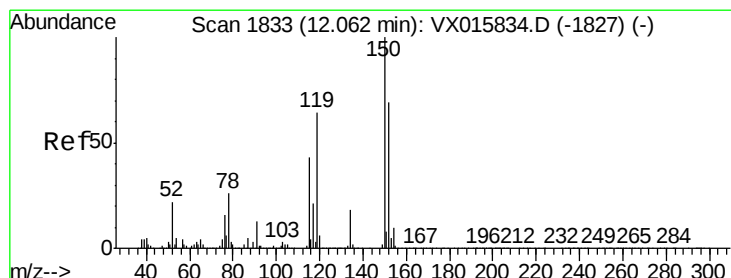
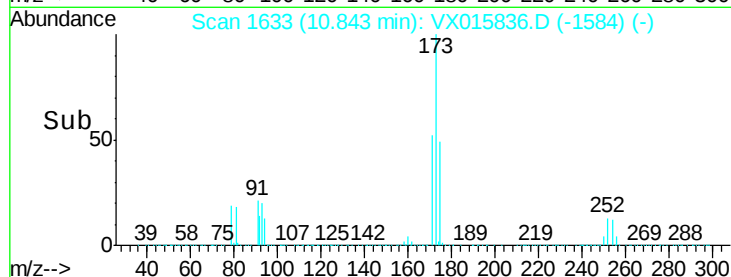
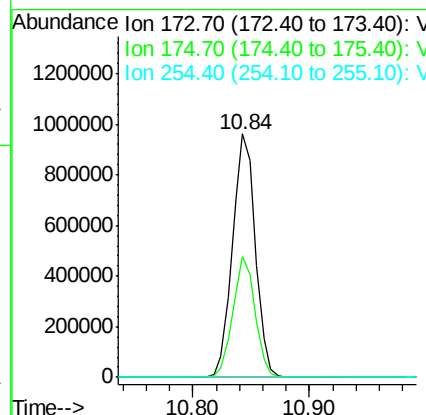
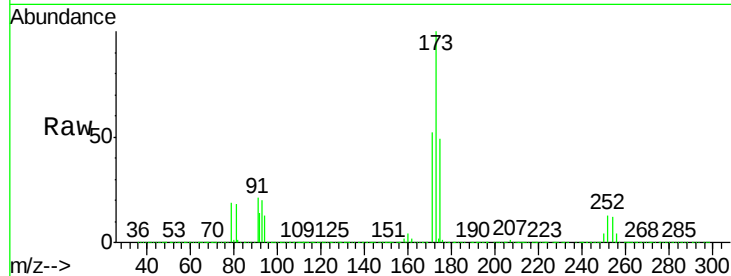
#71
Bromoform
Concen: 224.557 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:173 Resp: 1306686
Ion Ratio Lower Upper
173 100
175 48.4 25.1 75.4
254 0.2 0.3 0.5#

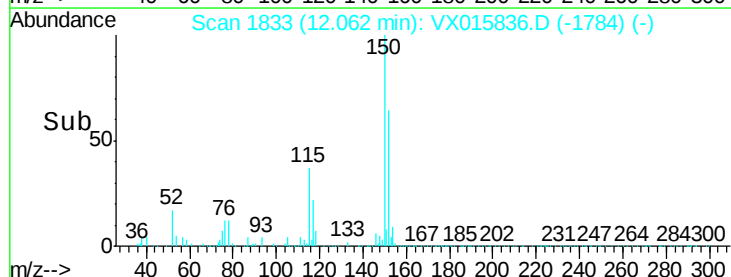
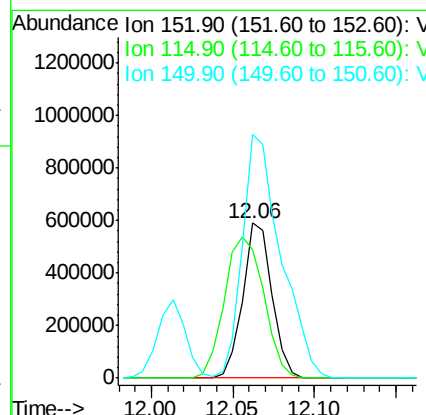
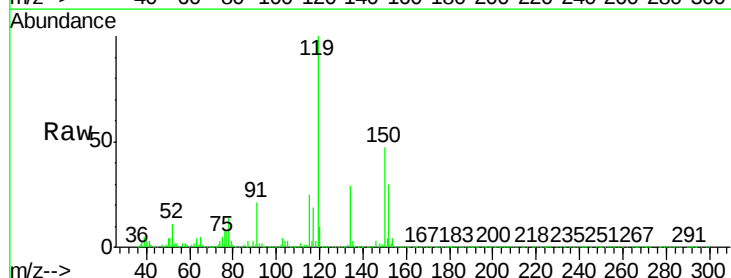
Manual Integrations
APPROVED

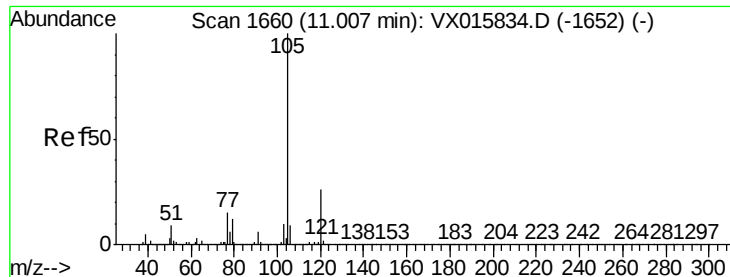
MMDadoda
4/23/2020 11:58:17 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion:152 Resp: 737975
Ion Ratio Lower Upper
152 100
115 122.6 39.0 116.9#
150 206.6 0.0 336.8





#73

Isopropylbenzene

Concen: 144.110 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion:105 Resp: 6798284

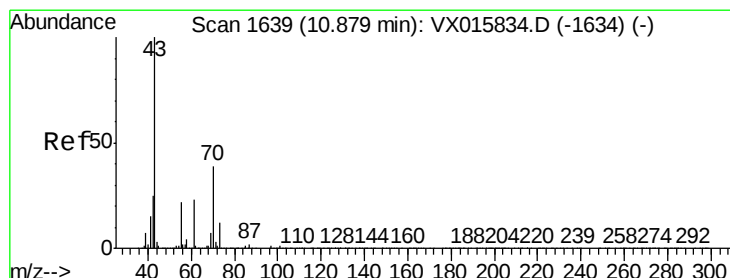
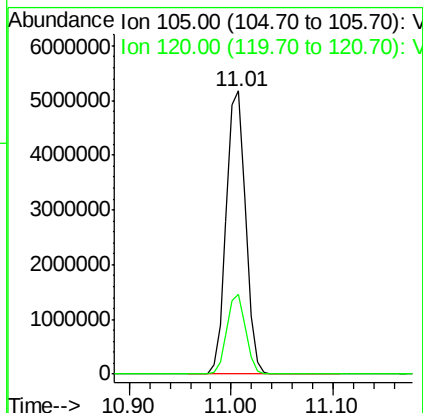
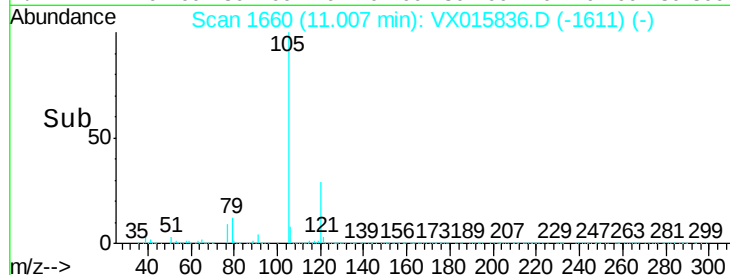
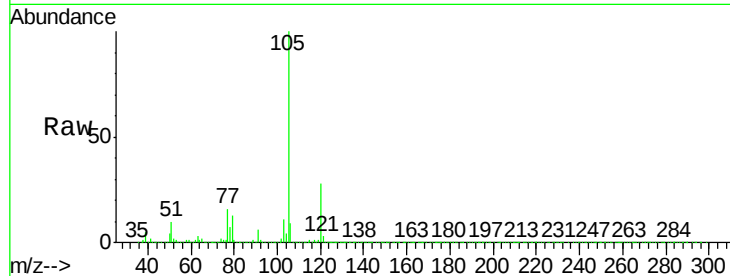
Ion Ratio Lower Upper

105 100

120 27.3 13.1 39.1

Manual Integrations
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4/23/2020 11:58:17 AM



#74

N-ethyl acetate

Concen: 153.004 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tgt Ion: 43 Resp: 3678409

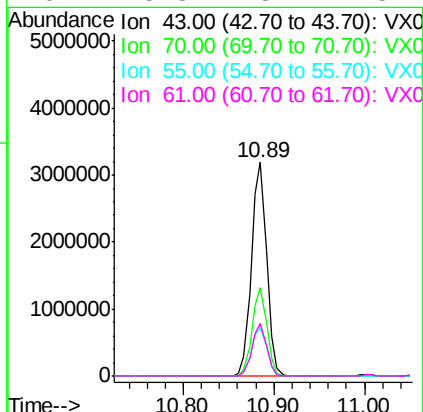
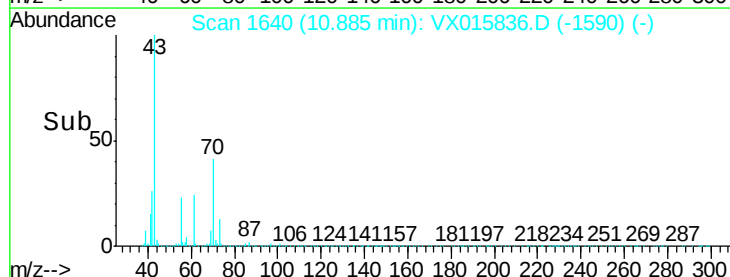
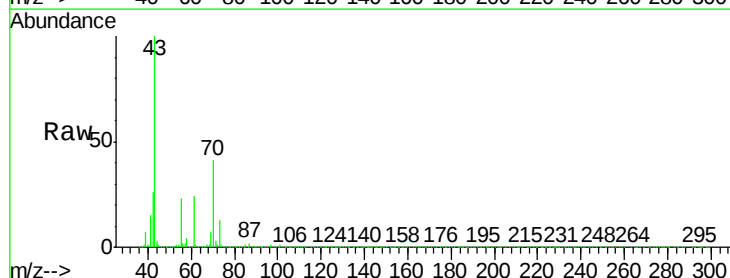
Ion Ratio Lower Upper

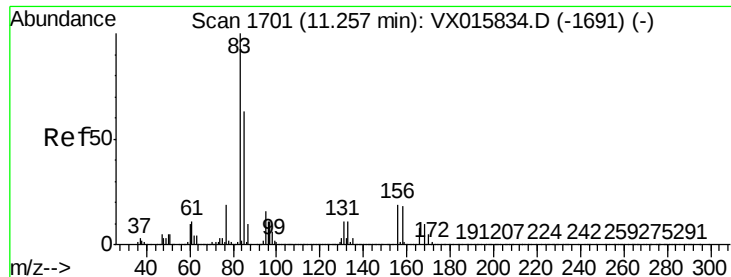
43 100

70 40.3 32.6 49.0

55 22.5 18.3 27.5

61 23.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 157.560 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 83 Resp: 1531634

Ion Ratio Lower Upper

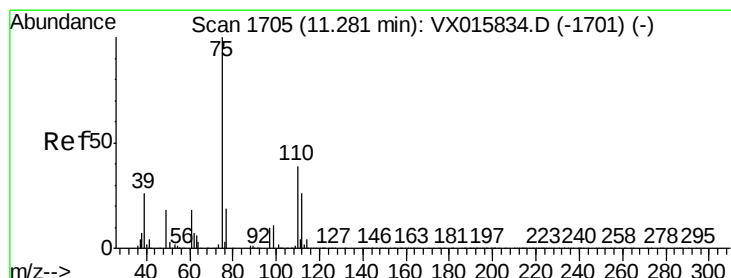
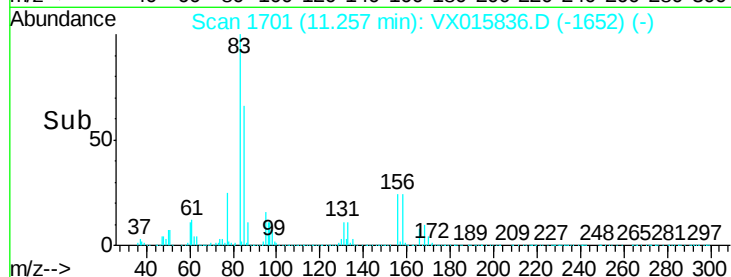
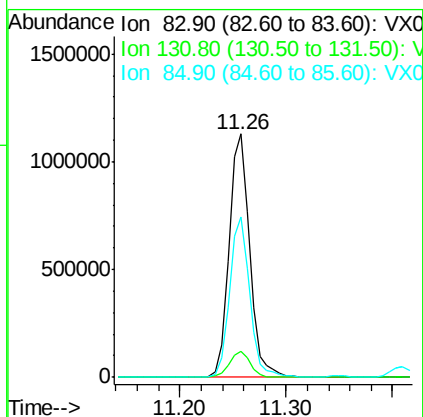
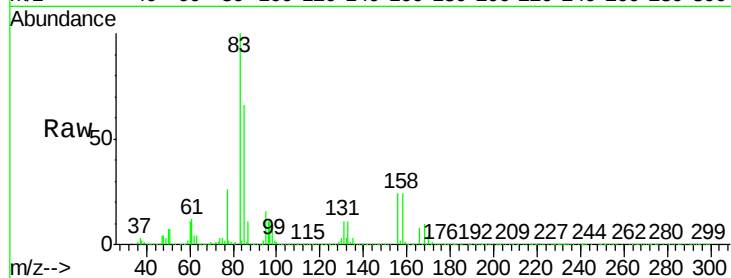
83 100

131 10.9 5.5 16.4

85 64.5 32.4 97.0

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#76

1,2,3-Trichloropropane

Concen: 119.677 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015836.D

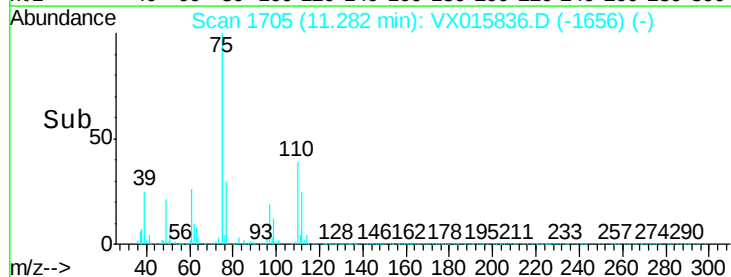
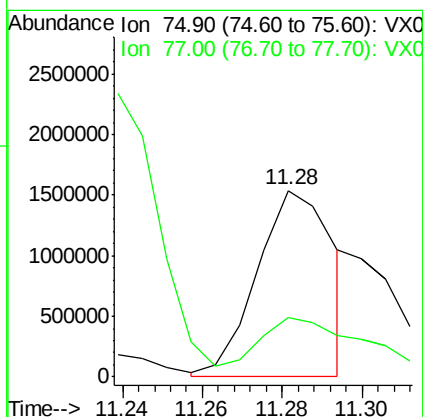
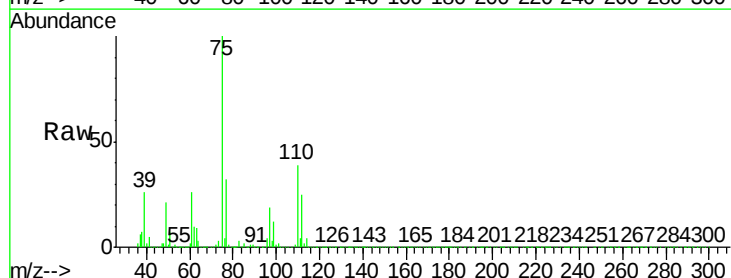
Acq: 22 Apr 2020 11:51

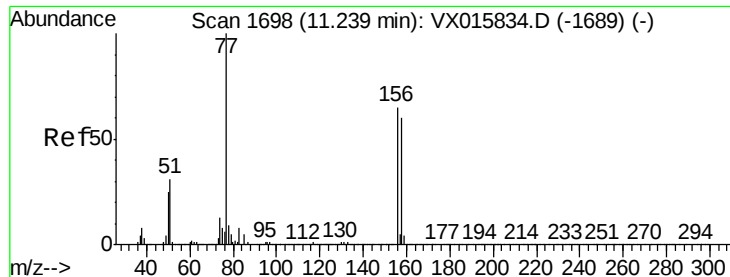
Tgt Ion: 75 Resp: 2037932

Ion Ratio Lower Upper

75 100

77 45.2 21.3 63.9





#77

Bromobenzene

Concen: 151.756 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 1940245

Ion Ratio Lower Upper

156 100

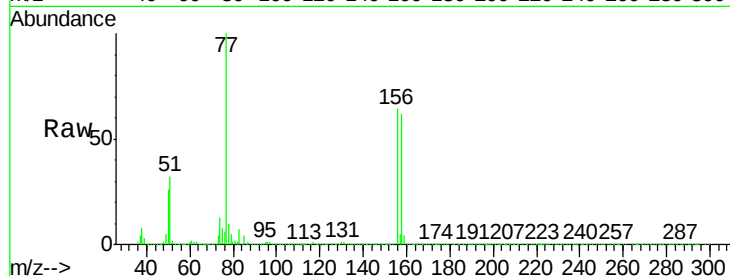
77 152.0 75.2 225.6

158 98.8 47.9 143.6

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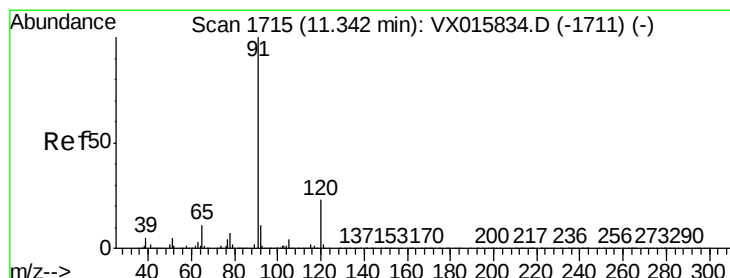
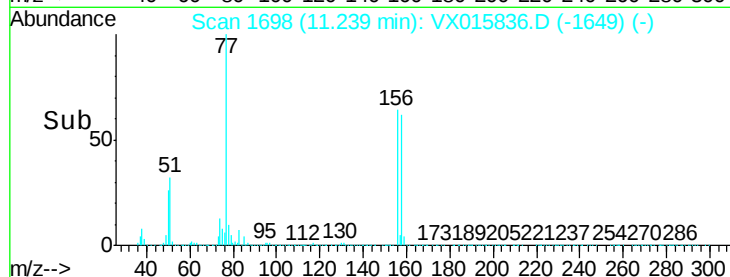
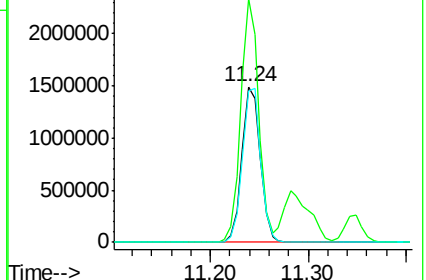
4/23/2020 11:58:17 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 144.948 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VX015836.D

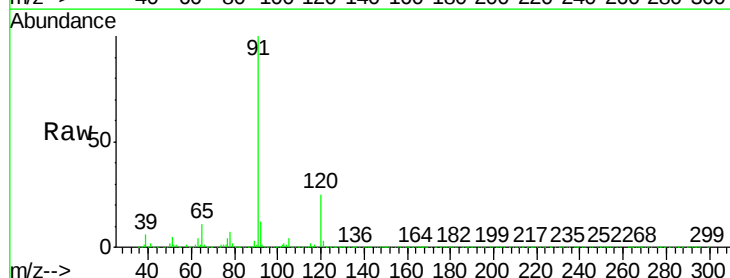
Acq: 22 Apr 2020 11:51

Tgt Ion: 91 Resp: 7841818

Ion Ratio Lower Upper

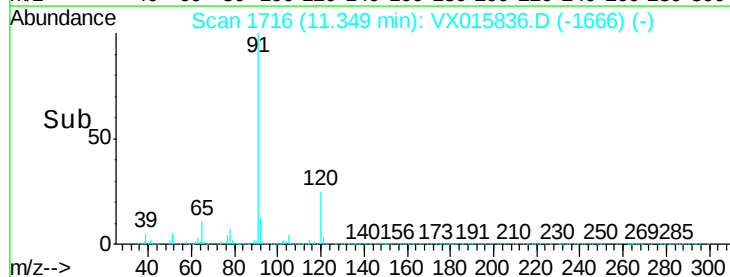
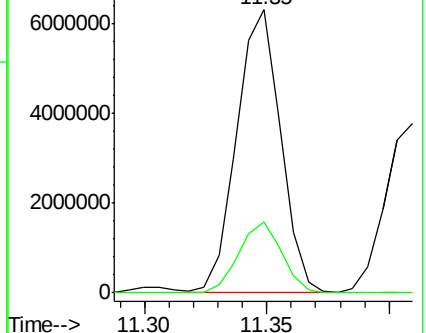
91 100

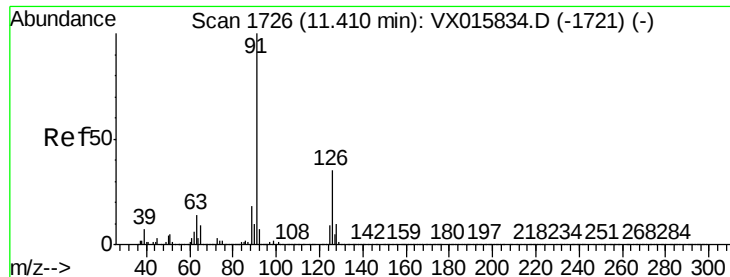
120 24.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 150.787 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 4856734

Ion Ratio Lower Upper

91 100

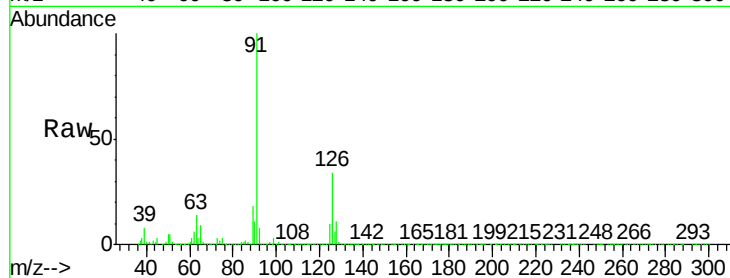
126 34.6 17.2 51.5

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Abundance Ion 91.00 (90.70 to 91.70): VX015834.D (-1721) (-)

Ion 125.90 (125.60 to 126.60): VX015834.D (-1721) (-)

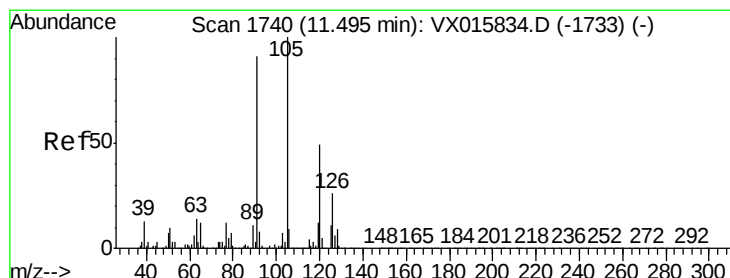
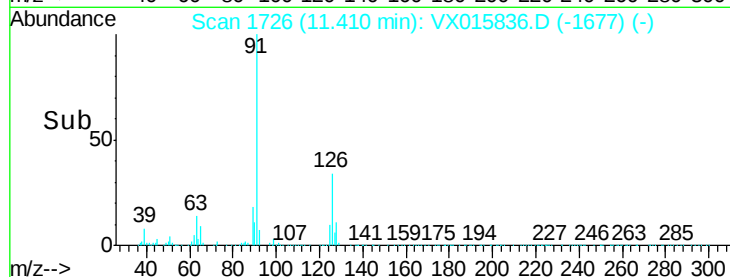
6000000

4000000

2000000

0

11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 150.165 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015836.D

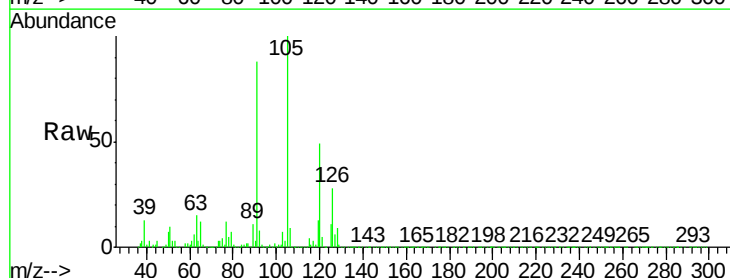
Acq: 22 Apr 2020 11:51

Tgt Ion:105 Resp: 5986343

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VX015834.D (-1733) (-)

Ion 120.00 (119.70 to 120.70): VX015834.D (-1733) (-)

5000000

4000000

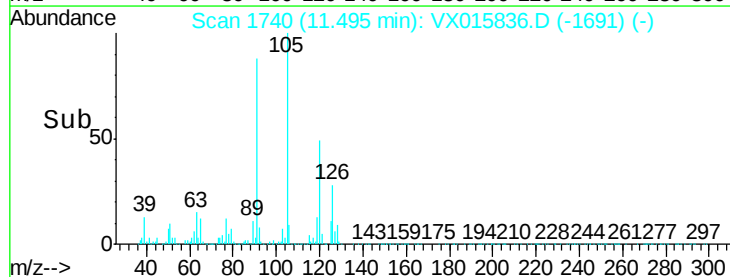
3000000

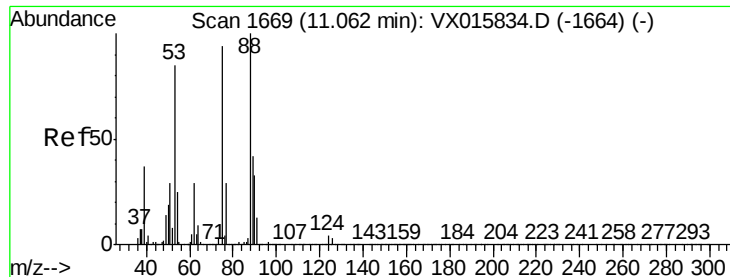
2000000

1000000

0

11.49 11.50 11.60





#81

trans-1,4-Dichloro-2-butene

Concen: 171.358 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

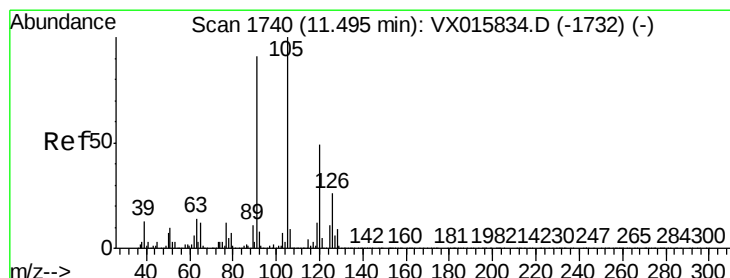
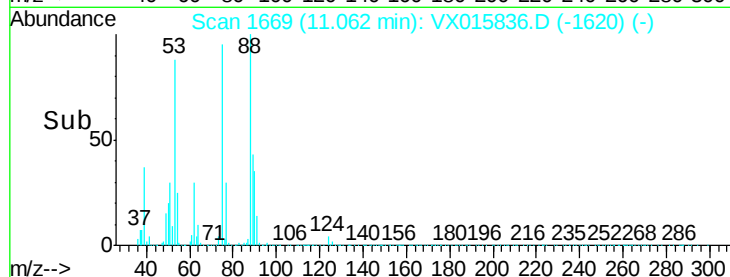
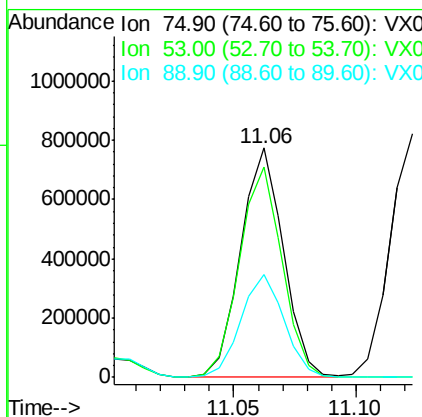
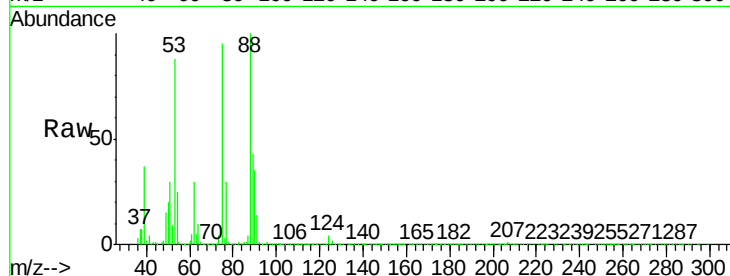
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	932418
Ion Ratio	Lower	Upper	
75	100		
53	91.8	74.2	111.2
89	45.8	38.0	57.0

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#82

4-Chlorotoluene

Concen: 147.787 ug/l

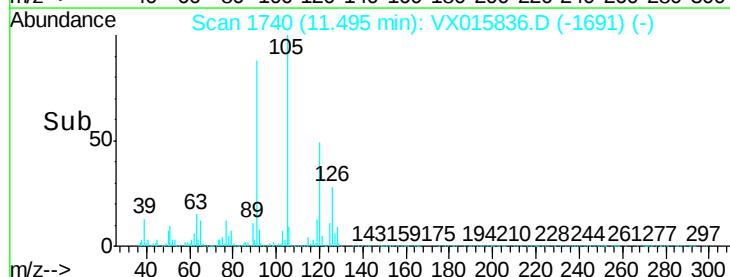
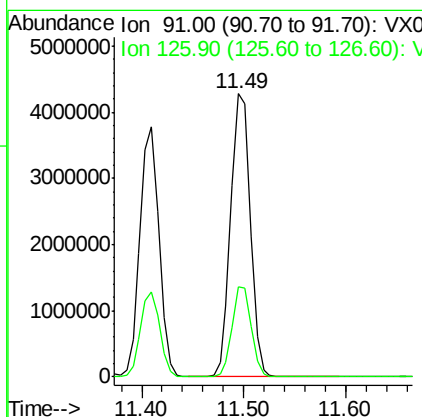
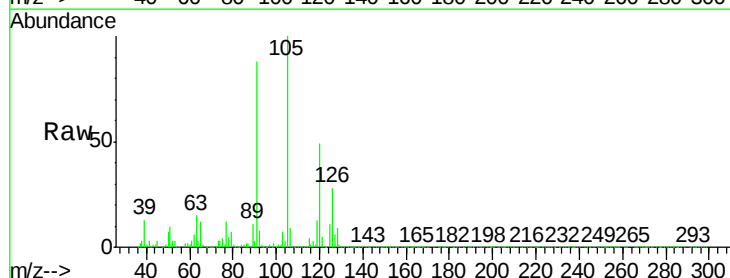
RT: 11.49 min Scan# 1740

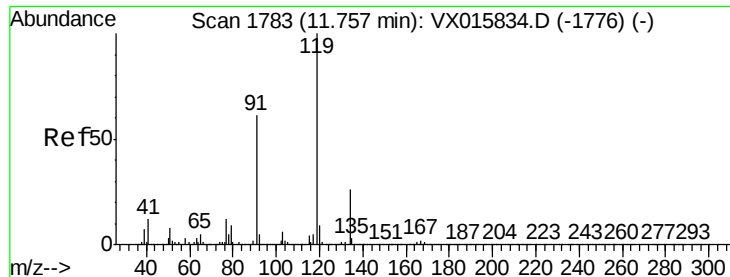
Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Tgt Ion:	91	Resp:	5676143
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.0	45.0





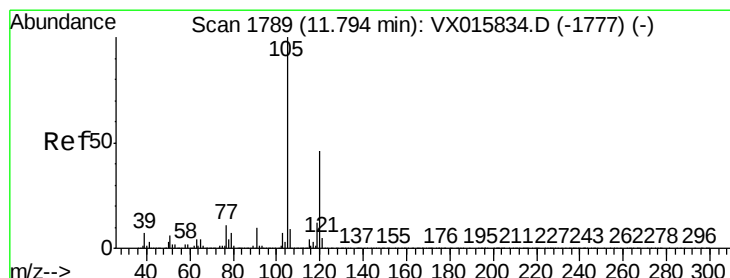
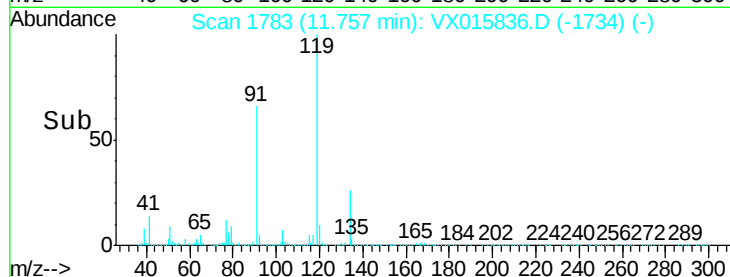
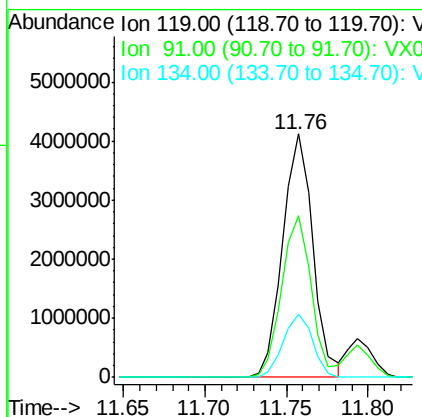
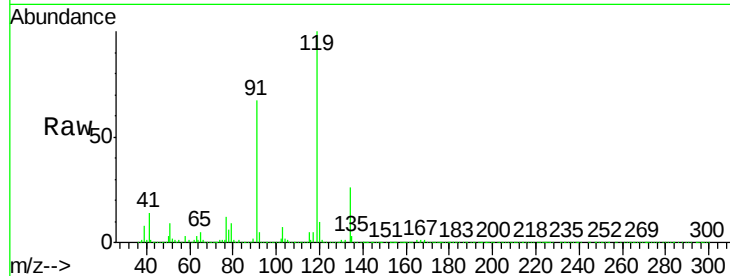
#83
tert-Butylbenzene
Concen: 148.628 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	30.9	92.7
134	25.5	12.4	37.2

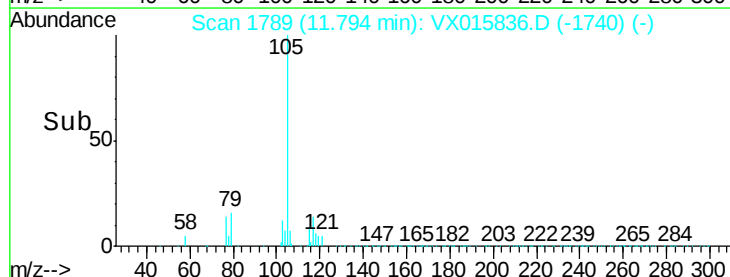
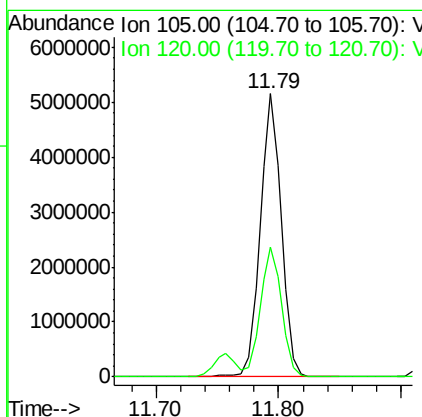
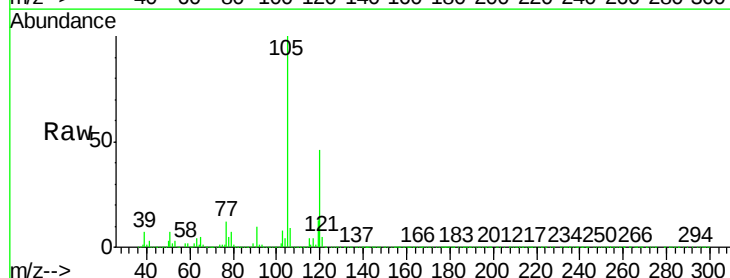
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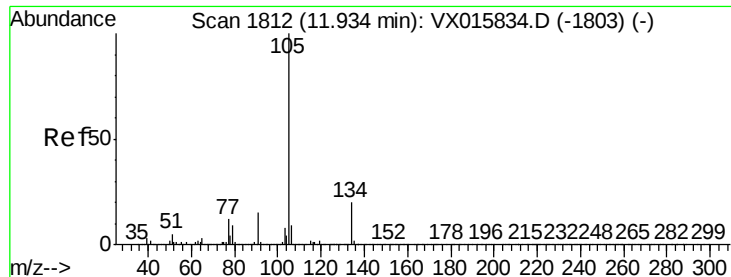
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#84
1,2,4-Trimethylbenzene
Concen: 149.817 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.7





#85

sec-Butylbenzene

Concen: 146.792 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 6874799

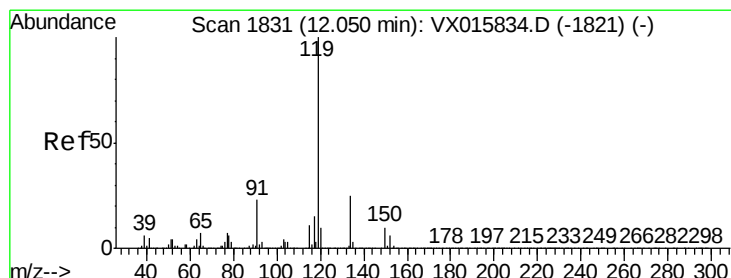
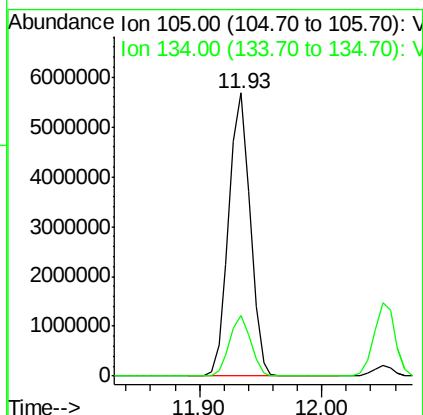
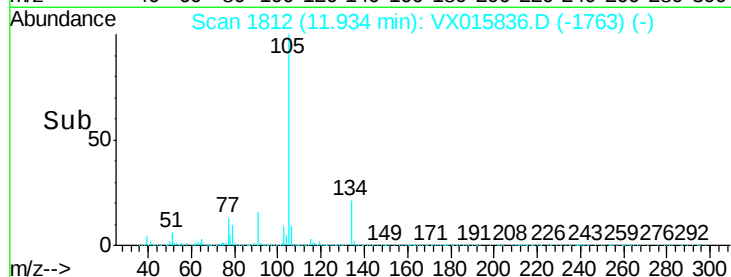
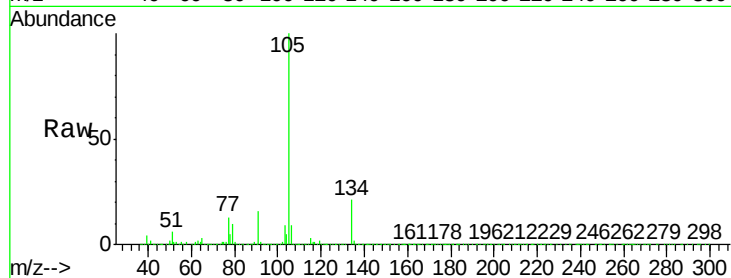
Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 150.390 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

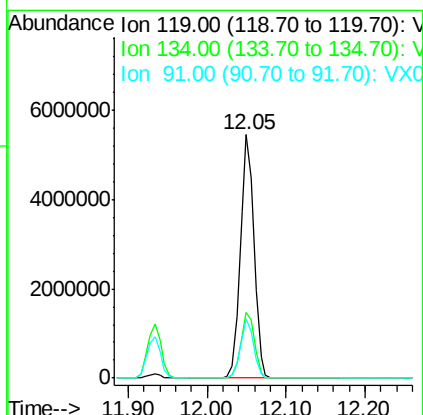
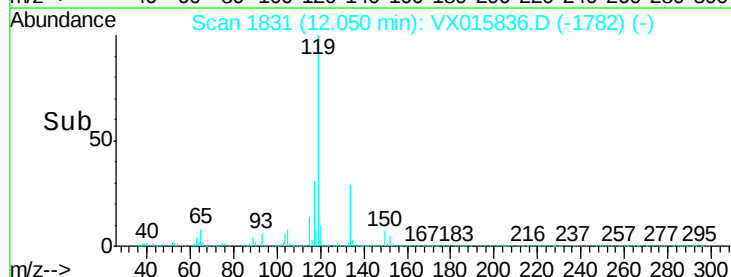
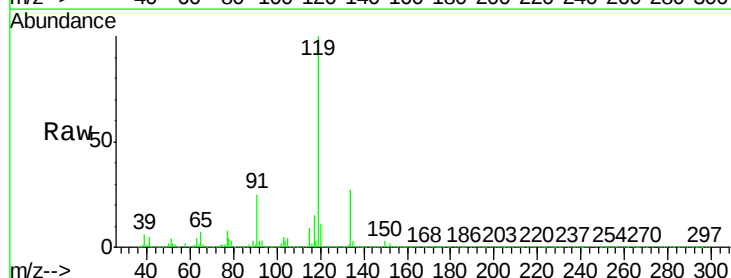
Tgt Ion:119 Resp: 6556506

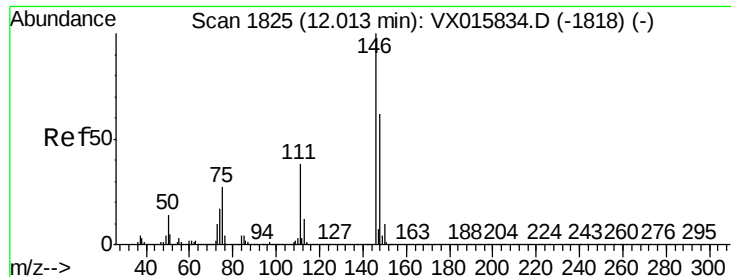
Ion Ratio Lower Upper

119 100

134 27.0 13.0 38.9

91 23.6 11.5 34.5





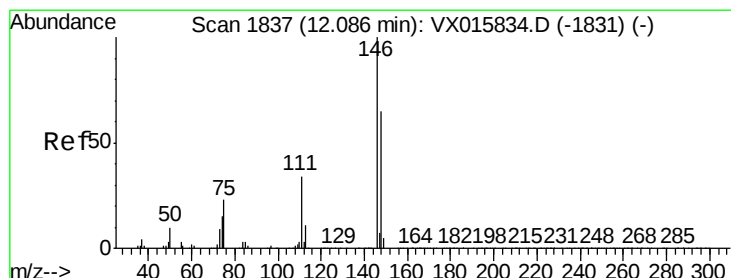
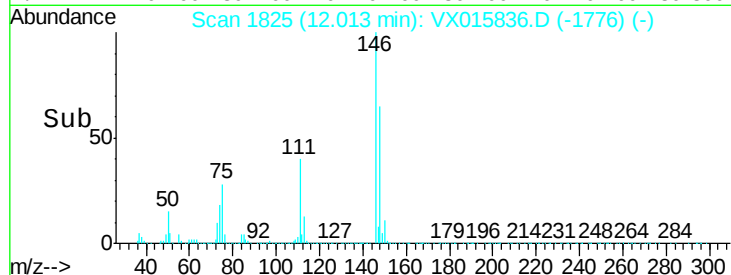
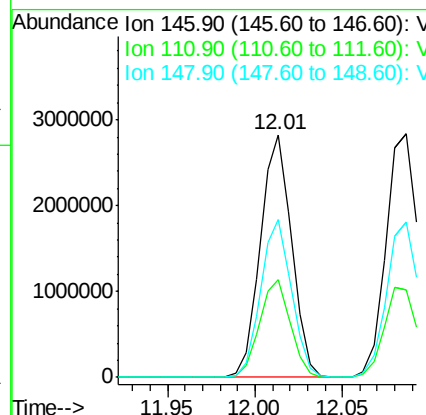
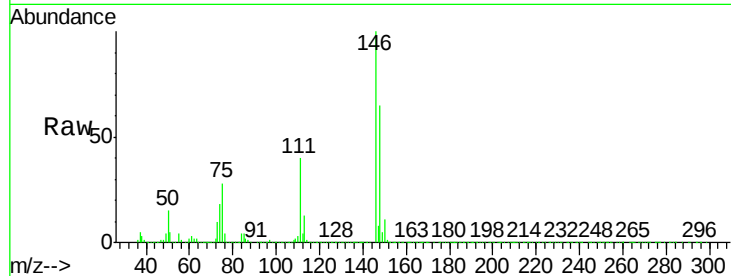
#87
 1,3-Dichlorobenzene
 Concen: 148.865 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.1
148	64.1	30.9	92.7

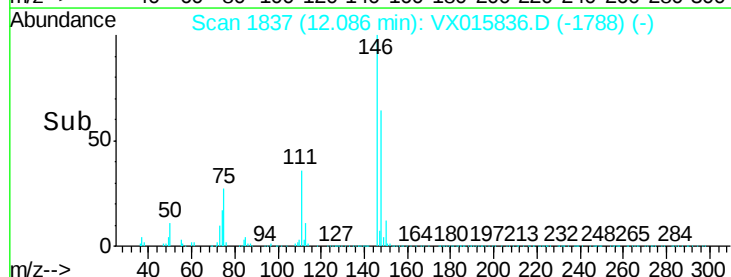
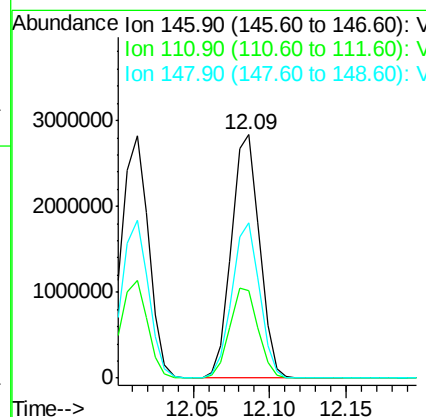
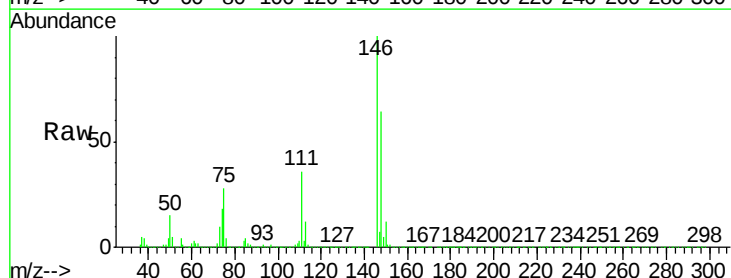
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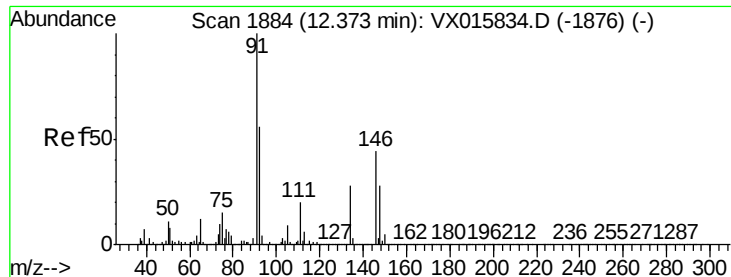
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 4/23/2020 11:58:17 AM



#88
 1,4-Dichlorobenzene
 Concen: 153.763 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.4	58.2
148	62.7	33.8	101.4





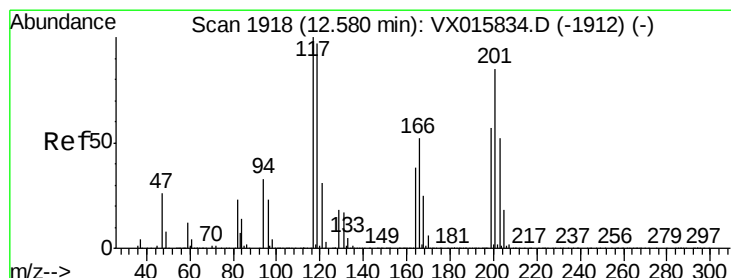
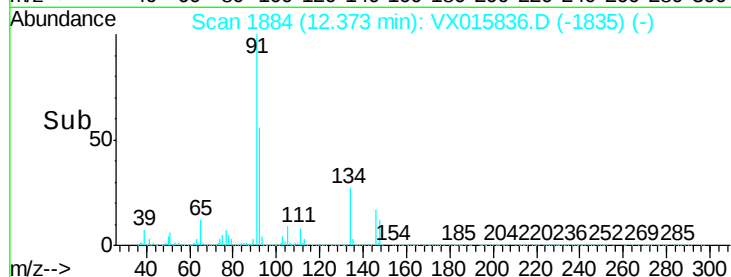
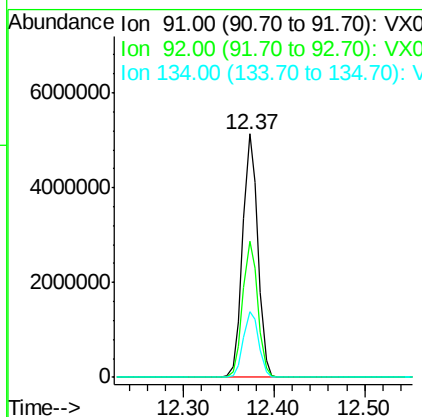
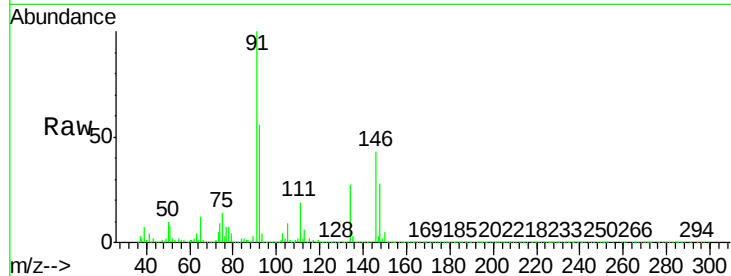
#89
n-Butylbenzene
Concen: 152.923 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.9	27.7	83.1
134	27.8	14.1	42.4

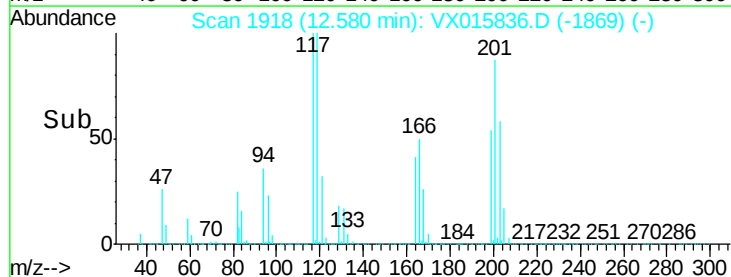
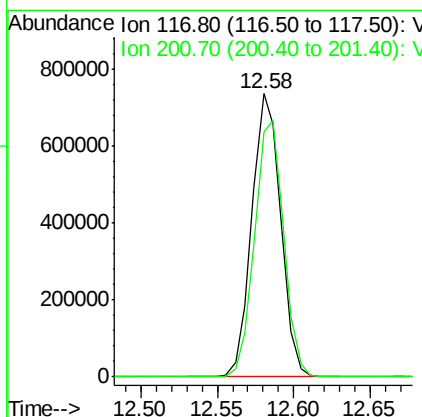
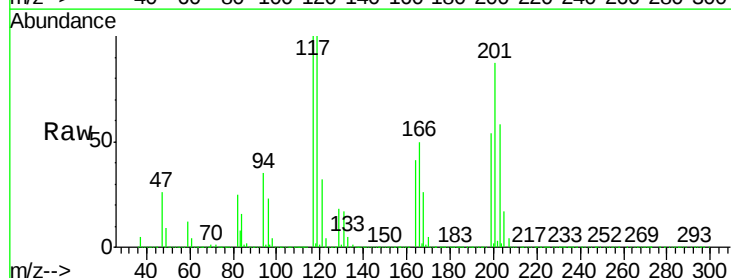
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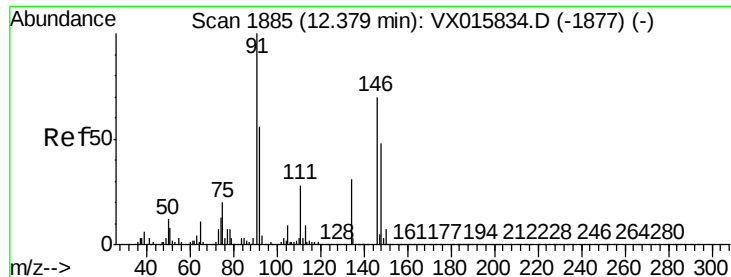
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#90
Hexachloroethane
Concen: 251.489 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.3	45.6	136.9





#91

1,2-Dichlorobenzene

Concen: 151.095 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion:146 Resp: 3352853

Ion Ratio Lower Upper

146 100

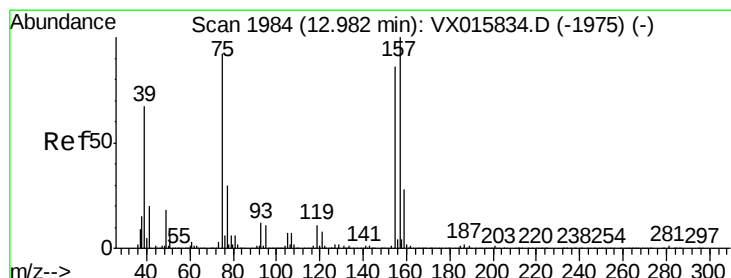
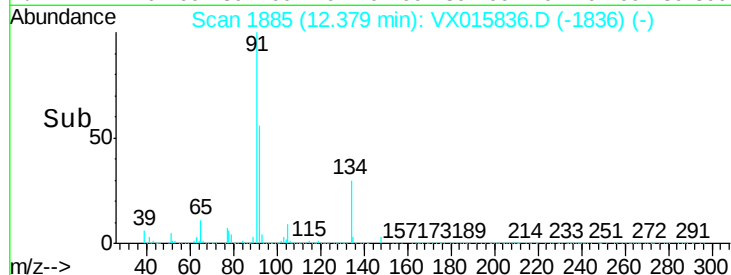
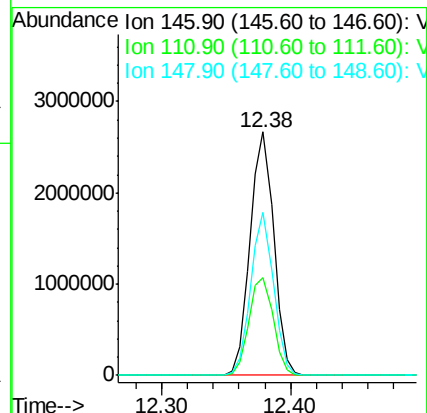
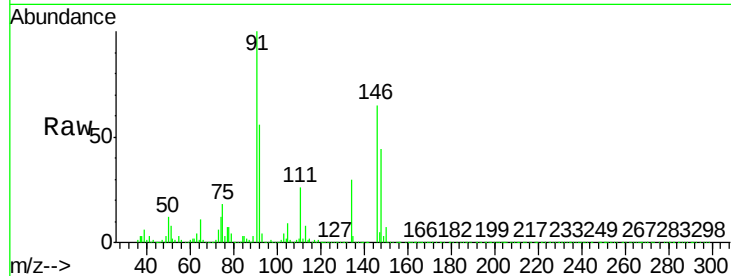
111 41.0 20.3 61.0

148 64.3 32.1 96.3

Manual Integrations
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4/23/2020 11:58:17 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 178.140 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015836.D

Acq: 22 Apr 2020 11:51

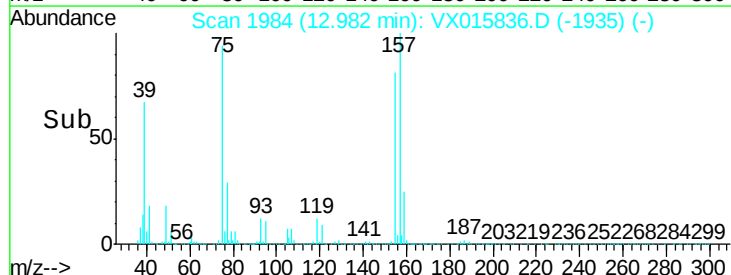
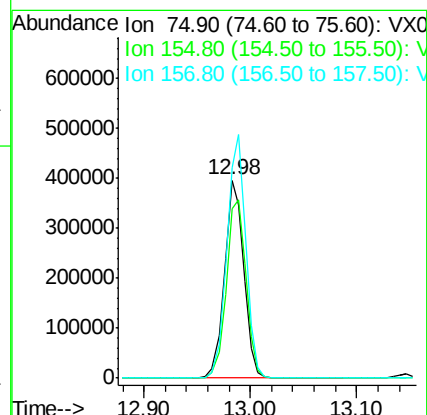
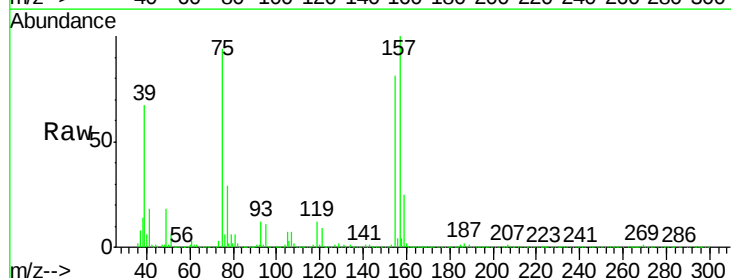
Tgt Ion: 75 Resp: 497356

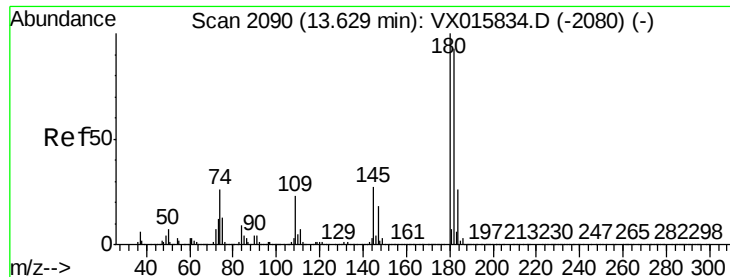
Ion Ratio Lower Upper

75 100

155 93.1 48.1 144.4

157 121.6 58.9 176.7





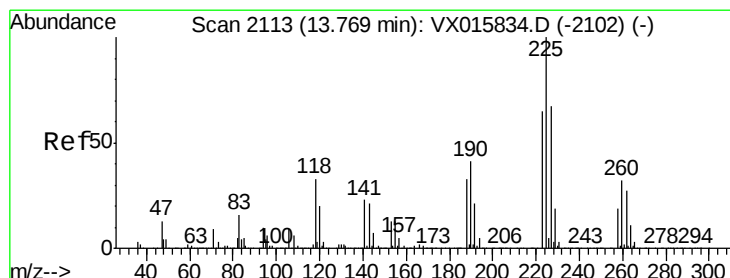
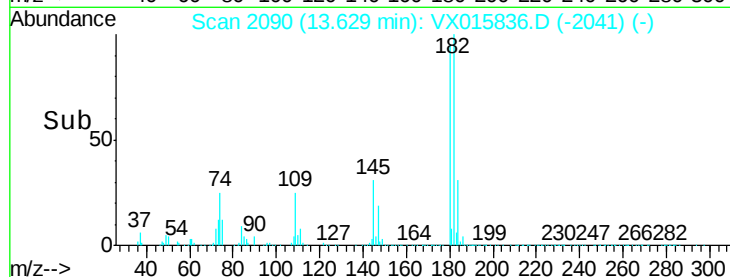
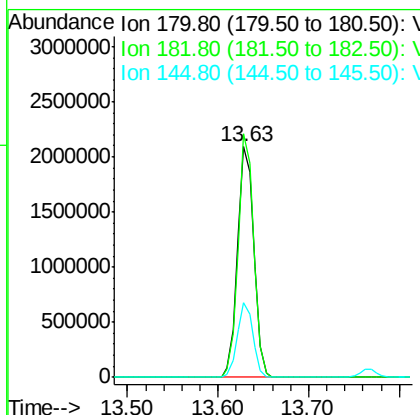
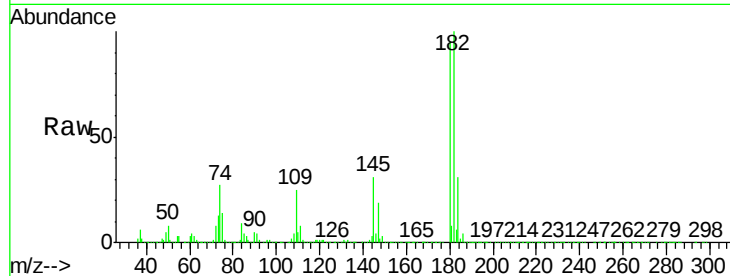
#93
 1,2,4-Trichlorobenzene
 Concen: 149.010 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.2	47.7	143.1
145	31.1	14.5	43.5

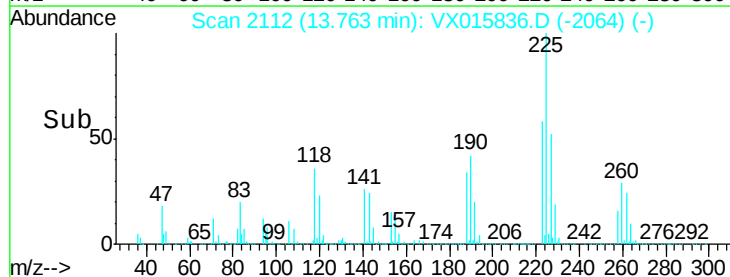
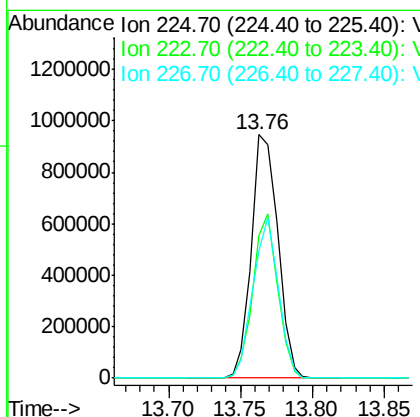
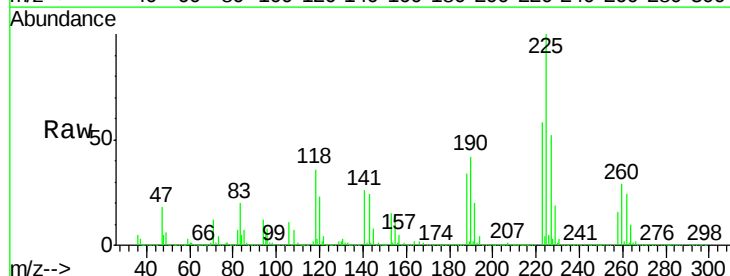
Manual Integrations
 APPROVED

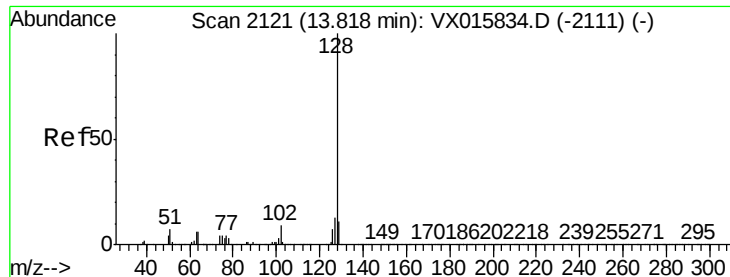
MMDadoda
 4/23/2020 11:58:17 AM



#94
 Hexachlorobutadiene
 Concen: 153.621 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015836.D
 Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	63.1	32.6	97.8





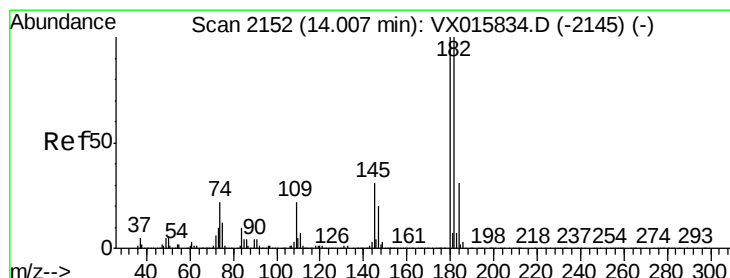
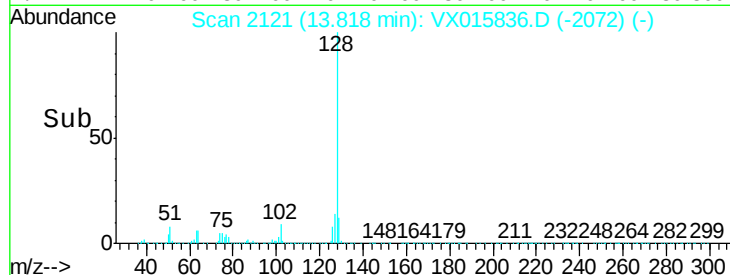
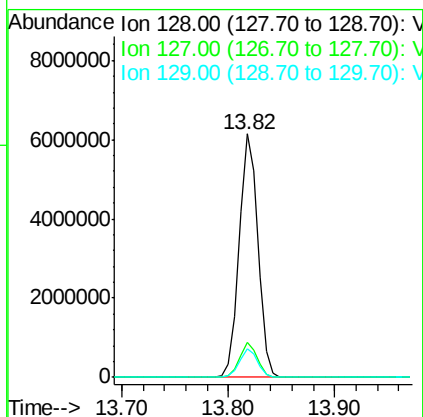
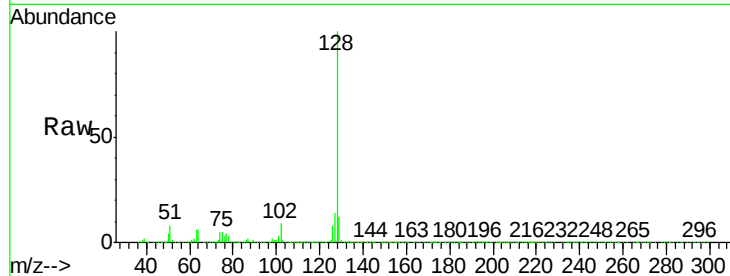
#95
Naphthalene
Concen: 151.112 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.2	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
4/23/2020 11:58:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 153.656 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015836.D
Acq: 22 Apr 2020 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.7
145	31.9	15.2	45.5

