

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015835.D
 Acq On : 22 Apr 2020 11:29
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 11:58:12 AM

Quant Time: Apr 22 12:11:51 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	964764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1462492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1386890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	735040	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	1132749	98.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.08%	
35) Dibromofluoromethane	5.47	113	857689	92.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.52%	
50) Toluene-d8	8.70	98	3433692	97.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.18%	
62) 4-Bromofluorobenzene	11.12	95	1424129	92.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	913187	117.083	ug/l	99
3) Chloromethane	1.31	50	884197	107.027	ug/l	97
4) Vinyl Chloride	1.39	62	972810	99.932	ug/l	99
5) Bromomethane	1.62	94	259968	66.269	ug/l	96
6) Chloroethane	1.70	64	552593	98.982	ug/l	100
7) Trichlorofluoromethane	1.91	101	1203930	98.064	ug/l	100
8) Diethyl Ether	2.17	74	478752	96.539	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	802483	96.496	ug/l	99
10) Methyl Iodide	2.49	142	1077636	112.960	ug/l	100
11) Tert butyl alcohol	3.03	59	1178957	542.701	ug/l	100
12) 1,1-Dichloroethene	2.36	96	835521	99.004	ug/l	96
13) Acrolein	2.28	56	651146	488.843	ug/l	99
14) Allyl chloride	2.71	41	1796228	99.392	ug/l	99
15) Acrylonitrile	3.12	53	2677586	521.212	ug/l	100
16) Acetone	2.42	43	2218127	447.607	ug/l	100
17) Carbon Disulfide	2.55	76	2347817	68.657	ug/l	100
18) Methyl Acetate	2.75	43	1582236	100.626	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2995683	100.951	ug/l	99
20) Methylene Chloride	2.83	84	932047	94.793	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	915721	96.815	ug/l	97
22) Diisopropyl ether	3.83	45	3176639	97.655	ug/l	90
23) Vinyl Acetate	3.79	43	13103867	481.831	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1688949	100.728	ug/l	100
25) 2-Butanone	4.64	43	3842199	512.843	ug/l	100
26) 2,2-Dichloropropane	4.56	77	1498458	99.457	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	1063275	100.455	ug/l	99
28) Bromochloromethane	4.98	49	834358	91.614	ug/l #	99
29) Tetrahydrofuran	5.09	42	2531358	508.729	ug/l	100
30) Chloroform	5.18	83	1668688	97.698	ug/l	97
31) Cyclohexane	5.55	56	1597526	97.989	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	1516469	100.600	ug/l	100
36) 1,1-Dichloropropene	5.78	75	1303873	101.576	ug/l	100
37) Ethyl Acetate	4.80	43	1539564	99.733	ug/l	99
38) Carbon Tetrachloride	5.76	117	1318849	105.763	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1598453	96.658	ug/l	99
40) Benzene	6.12	78	3816657	97.092	ug/l	100
41) Methacrylonitrile	5.01	41	883520	121.215	ug/l	100
42) 1,2-Dichloroethane	6.17	62	1371967	97.091	ug/l	99
43) Isopropyl Acetate	6.42	43	2612894	100.850	ug/l	99
44) Trichloroethene	7.19	130	1346253	97.985	ug/l	98
45) 1,2-Dichloropropane	7.50	63	1017337	99.624	ug/l	99
46) Dibromomethane	7.64	93	700748	91.166	ug/l	98
47) Bromodichloromethane	7.88	83	1364580	104.924	ug/l	99
48) Methyl methacrylate	7.75	41	1314044	104.160	ug/l	100
49) 1,4-Dioxane	7.72	88	478098	1951.718	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	7558288	503.229	ug/l	99
52) Toluene	8.77	92	2443251	96.856	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	1695061	104.616	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	1764467	102.168	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	974970	100.274	ug/l	100
56) Ethyl methacrylate	9.16	69	1684116	103.331	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1697982	100.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	4173154	507.282	ug/l	99
59) 2-Hexanone	9.48	43	5850908	516.464	ug/l	99
60) Dibromochloromethane	9.57	129	1096487	115.291	ug/l	96
61) 1,2-Dibromoethane	9.65	107	1067440	98.331	ug/l	100
64) Tetrachloroethene	9.32	164	1710029	87.993	ug/l	92
65) Chlorobenzene	10.12	112	2733754	97.607	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1046366	101.852	ug/l	99
67) Ethyl Benzene	10.24	91	4700189	94.884	ug/l	97
68) m/p-Xylenes	10.34	106	3577754	193.241	ug/l	97
69) o-Xylene	10.68	106	1756914	96.672	ug/l	98
70) Styrene	10.70	104	3104027	99.356	ug/l	100
71) Bromoform	10.84	173	802830	135.778	ug/l #	99
73) Isopropylbenzene	11.00	105	4700601	100.041	ug/l	99
74) N-amyl acetate	10.89	43	2439041	101.858	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1037806	107.186	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1406934m	82.952	ug/l	
77) Bromobenzene	11.24	156	1270983	99.807	ug/l	97
78) n-propylbenzene	11.35	91	5324758	98.816	ug/l	99
79) 2-Chlorotoluene	11.41	91	3216237	100.253	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	4025487	101.381	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	617555	113.947	ug/l	99
82) 4-Chlorotoluene	11.49	91	3831875	100.167	ug/l	99
83) tert-Butylbenzene	11.76	119	3561393	100.855	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	4156035	100.659	ug/l	99
85) sec-Butylbenzene	11.93	105	4703088	100.822	ug/l	99
86) p-Isopropyltoluene	12.05	119	4390937	101.120	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	2345229	100.045	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	2309011	98.842	ug/l	97
89) n-Butylbenzene	12.37	91	3922476	101.357	ug/l	98
90) Hexachloroethane	12.58	117	585770	153.029	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	2257068	102.120	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	315313	113.388	ug/l	98

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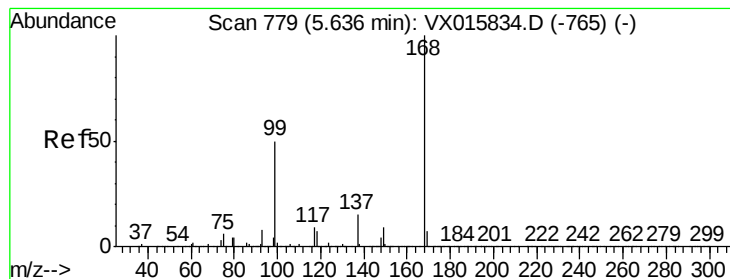
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1783520	102.191	ug/l	99
94) Hexachlorobutadiene	13.77	225	805982	103.800	ug/l	97
95) Naphthalene	13.82	128	5127964	102.399	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1762783	104.448	ug/l	96

(#) = 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: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:168 Resp: 964764

Ion Ratio Lower Upper

168 100

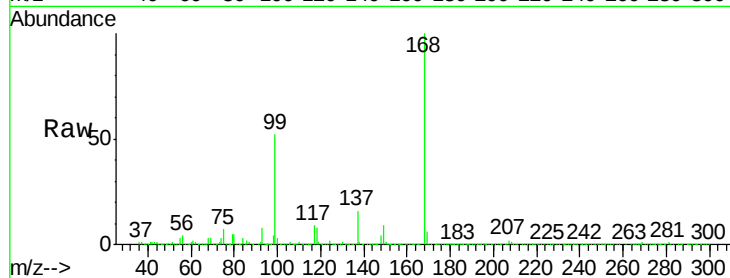
99 51.8 40.3 60.5

Manual Integrations

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4/23/2020 11:58:12 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

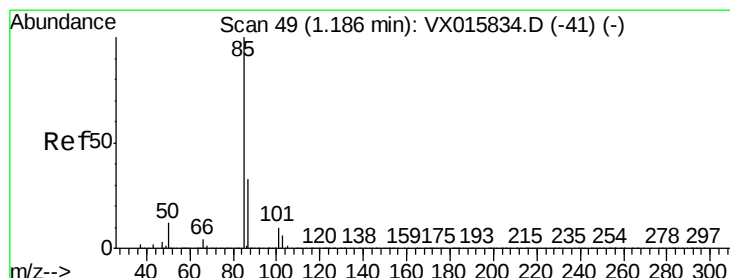
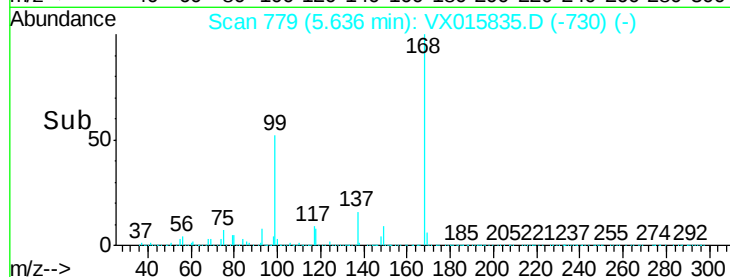
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 117.083 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015835.D

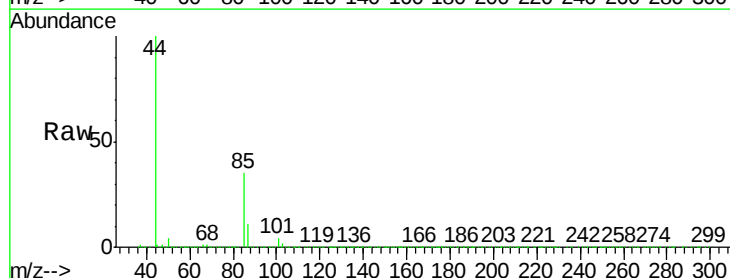
Acq: 22 Apr 2020 11:29

Tgt Ion: 85 Resp: 913187

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

1000000

800000

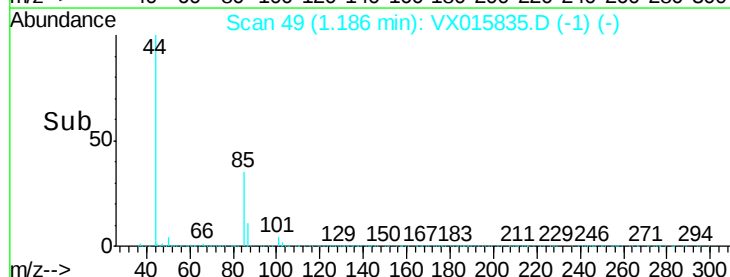
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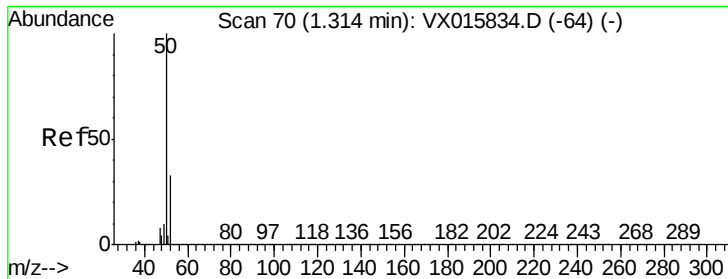
400000

200000

0

Time-->





#3

Chloromethane

Concen: 107.027 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 50 Resp: 884197

Ion Ratio Lower Upper

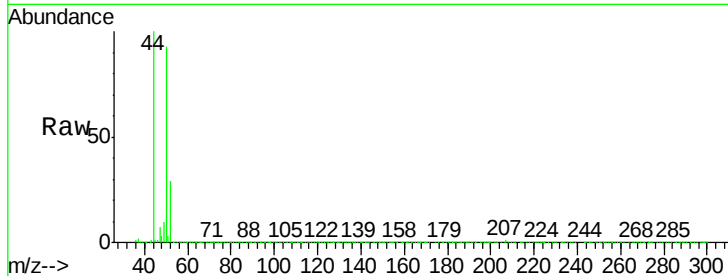
50 100

52 31.3 26.2 39.4

Manual Integrations
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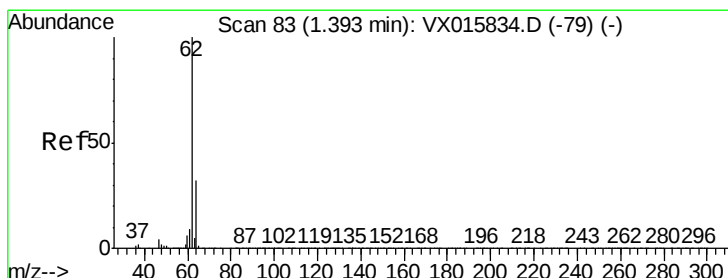
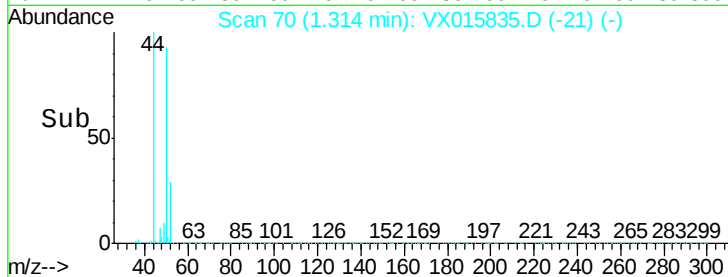
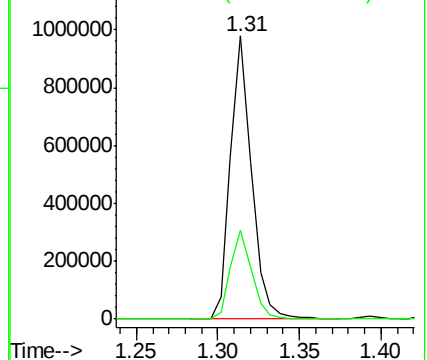
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 99.932 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015835.D

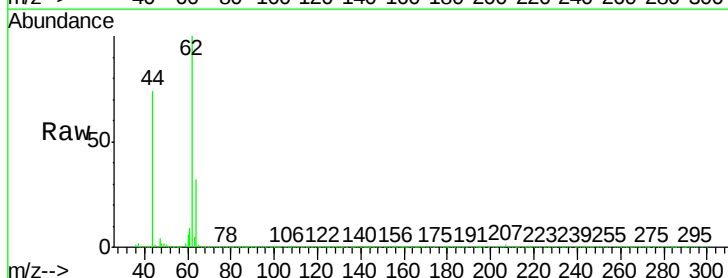
Acq: 22 Apr 2020 11:29

Tgt Ion: 62 Resp: 972810

Ion Ratio Lower Upper

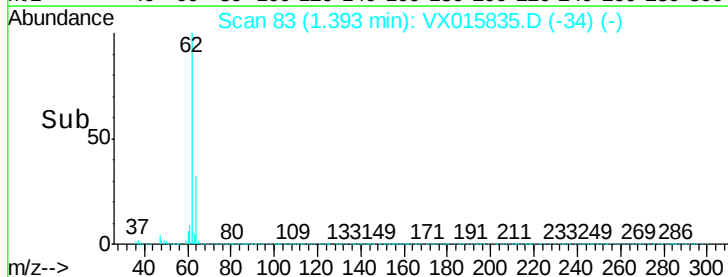
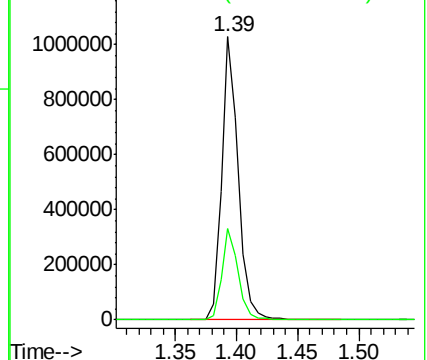
62 100

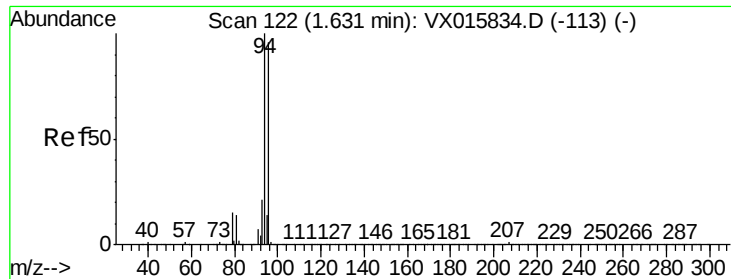
64 32.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 66.269 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 259968

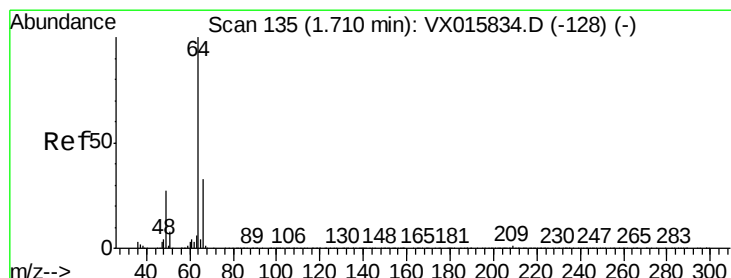
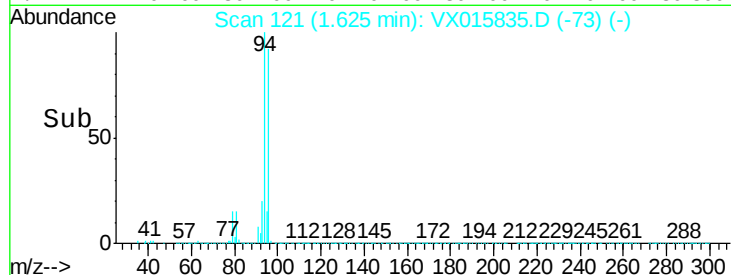
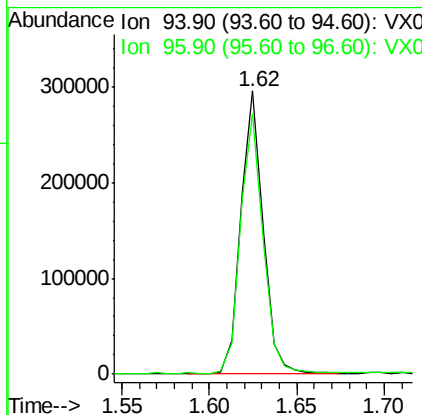
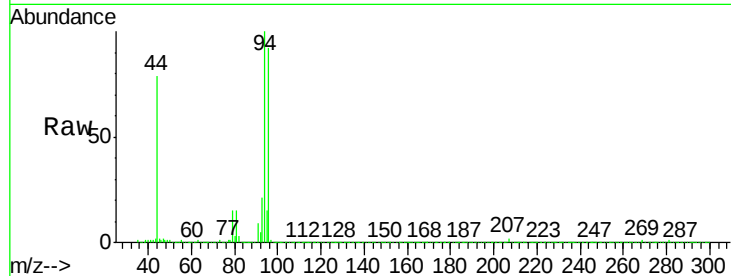
Ion Ratio Lower Upper

94 100

96 91.8 76.7 115.1

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#6

Chloroethane

Concen: 98.982 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX015835.D

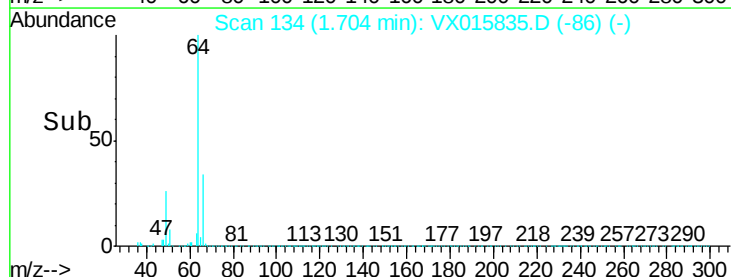
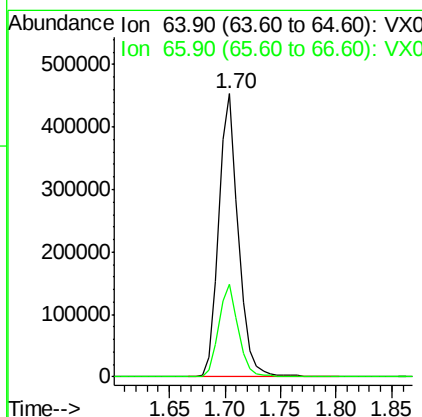
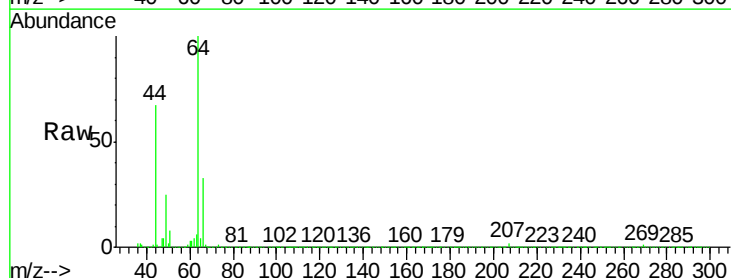
Acq: 22 Apr 2020 11:29

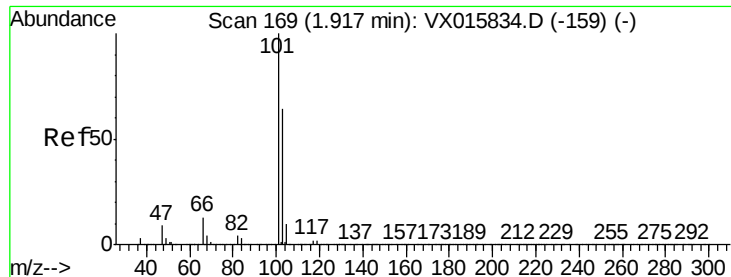
Tgt Ion: 64 Resp: 552593

Ion Ratio Lower Upper

64 100

66 32.8 26.2 39.2





#7

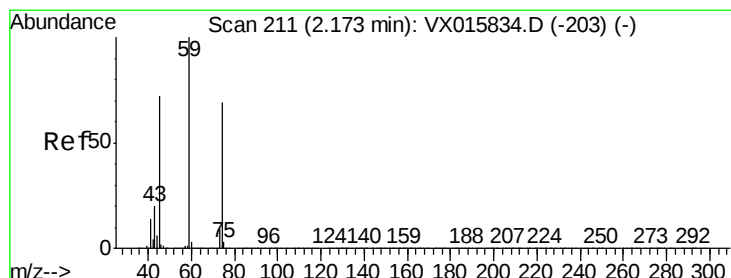
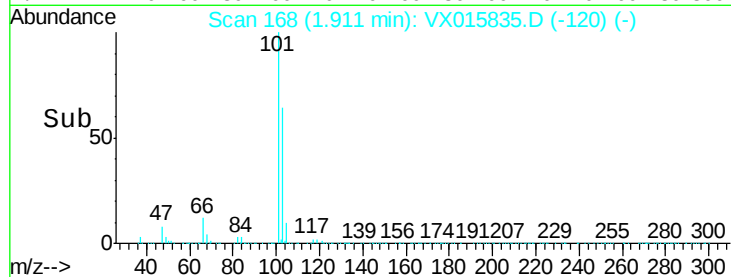
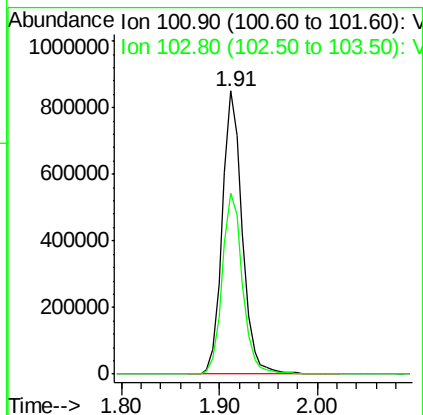
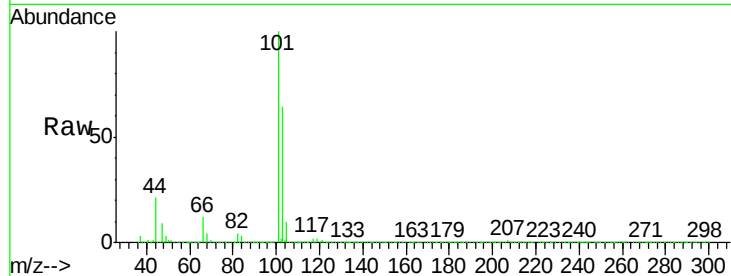
Trichlorofluoromethane
Concen: 98.064 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:101 Resp: 1203930
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

Manual Integrations
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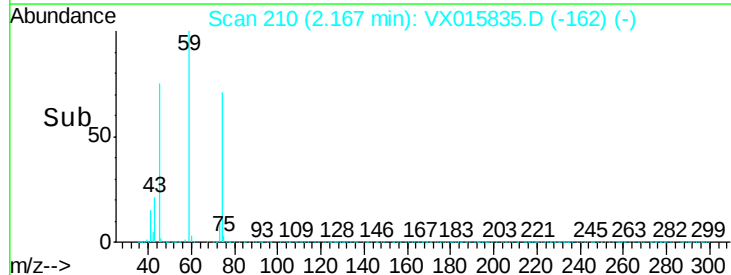
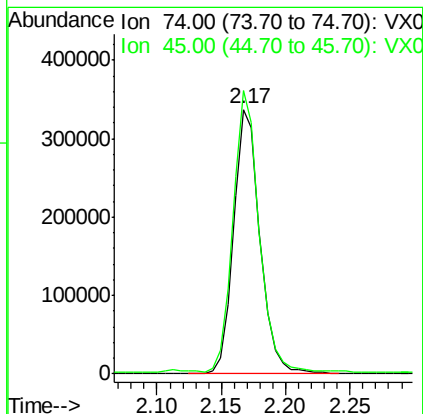
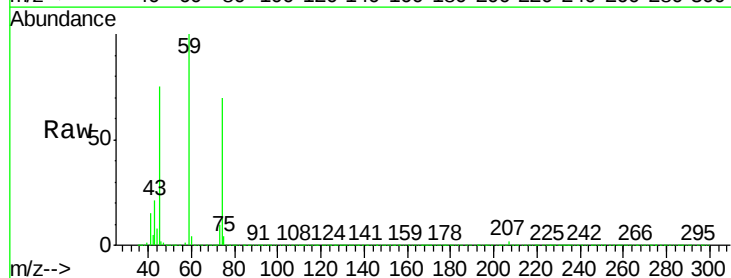
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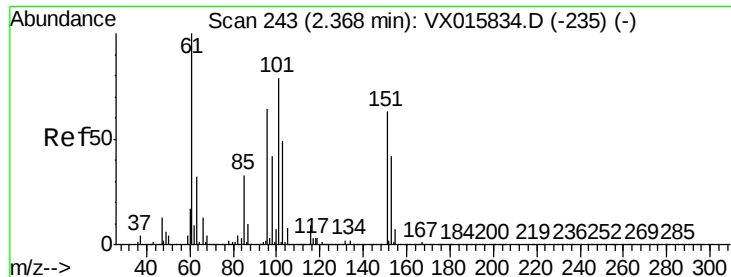


#8

Diethyl Ether
Concen: 96.539 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion: 74 Resp: 478752
Ion Ratio Lower Upper
74 100
45 106.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.496 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

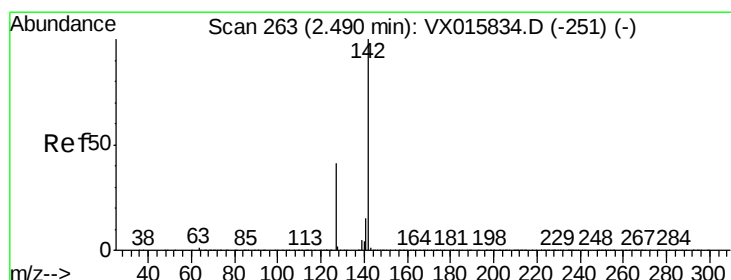
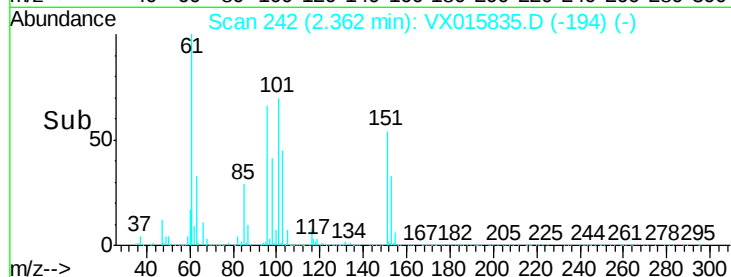
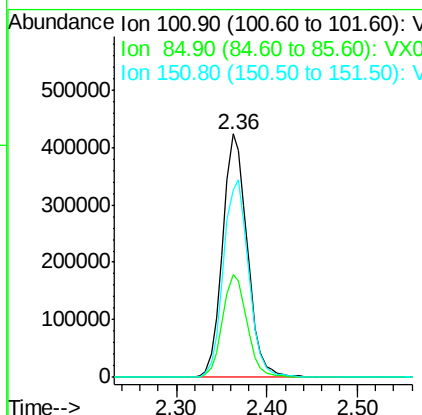
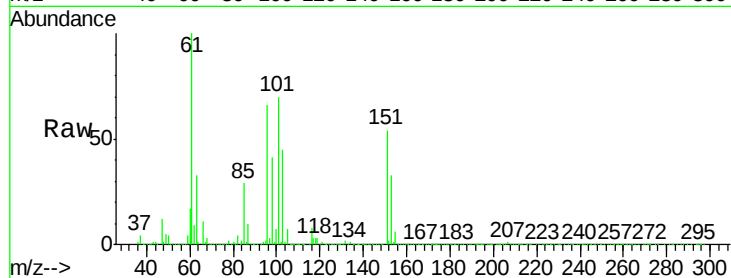
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	802483
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.8	50.6
151	83.3	67.8	101.6

Manual Integrations
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4/23/2020 11:58:12 AM



#10

Methyl Iodide

Concen: 112.960 ug/l

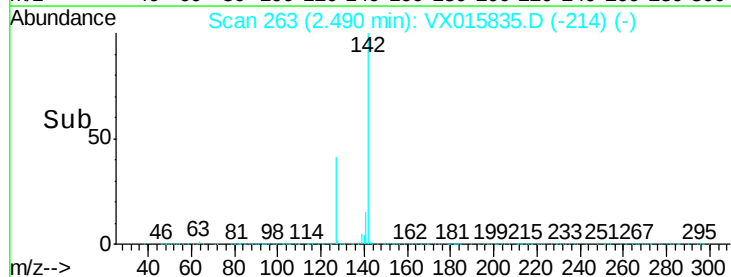
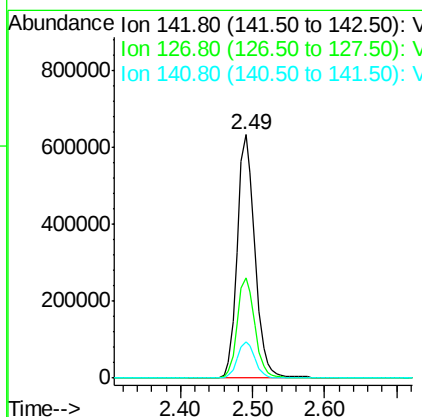
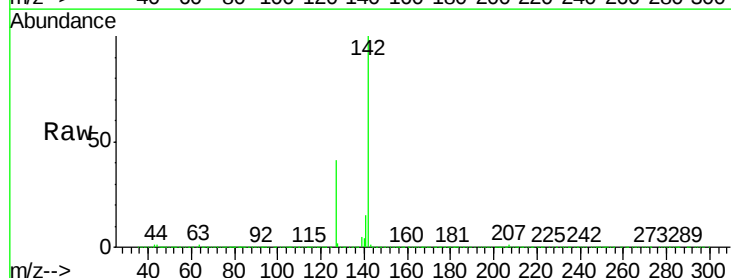
RT: 2.49 min Scan# 263

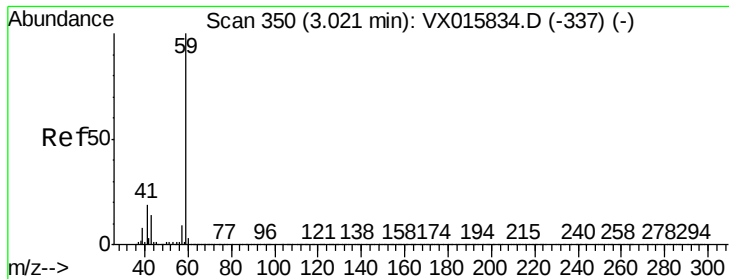
Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Tgt Ion:	142	Resp:	1077636
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.3	49.9
141	15.0	11.8	17.6





#11

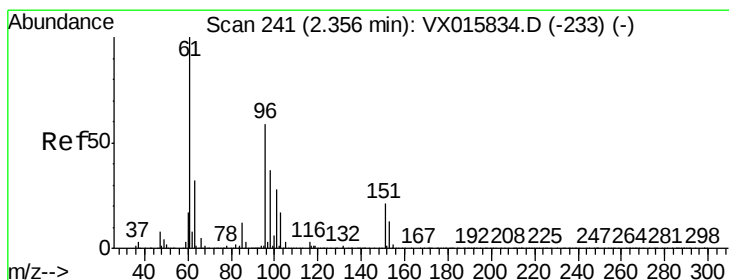
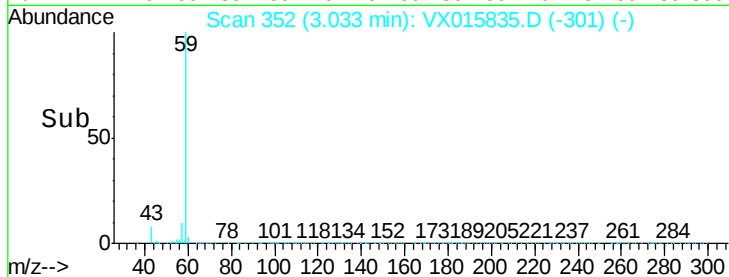
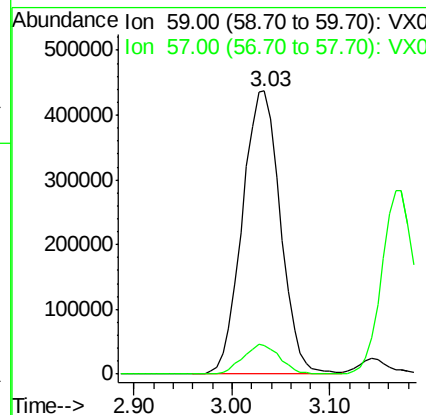
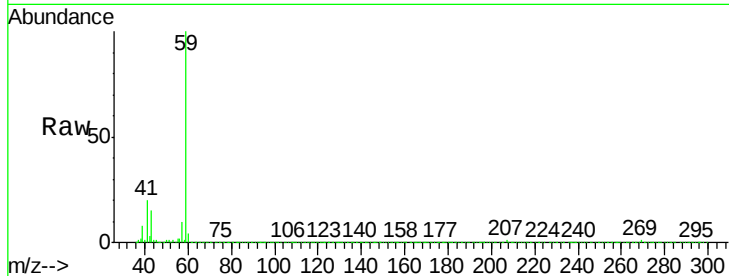
Tert butyl alcohol
Concen: 542.701 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 59 Resp: 1178957
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

Manual Integrations
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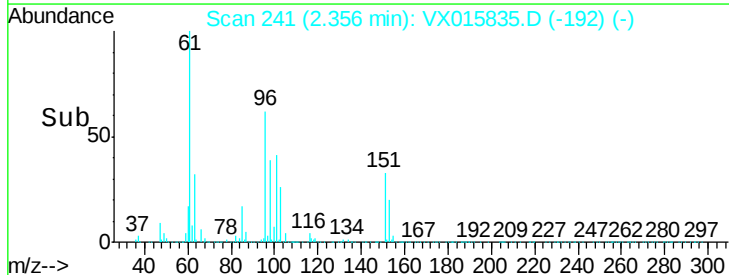
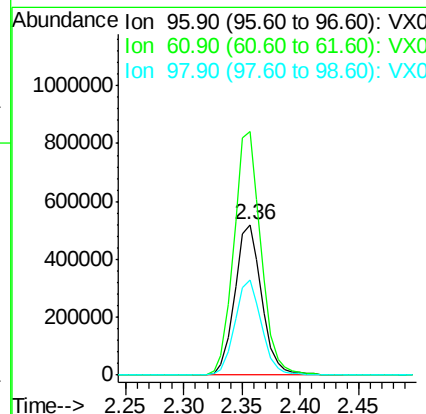
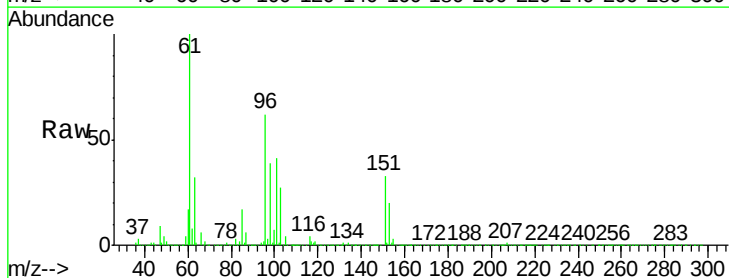
MMDadoda
4/23/2020 11:58:12 AM

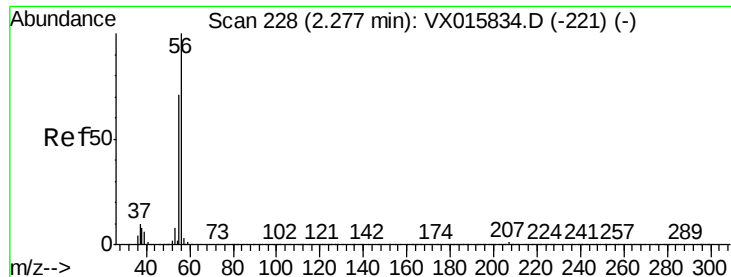


#12

1,1-Dichloroethene
Concen: 99.004 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion: 96 Resp: 835521
Ion Ratio Lower Upper
96 100
61 162.1 135.0 202.6
98 63.7 50.6 76.0





#13

Acrolein

Concen: 488.843 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 56 Resp: 651146

Ion Ratio Lower Upper

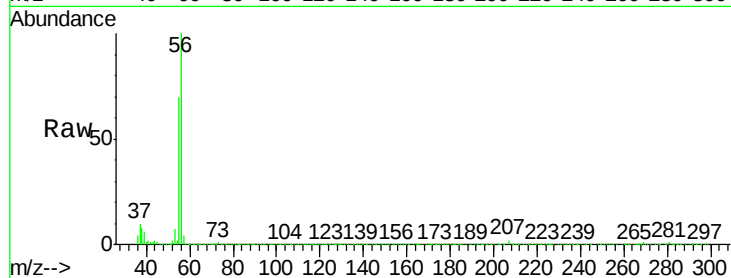
56 100

55 69.1 56.1 84.1

Manual Integrations
APPROVED

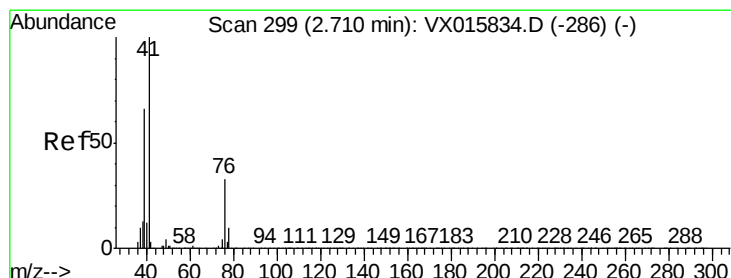
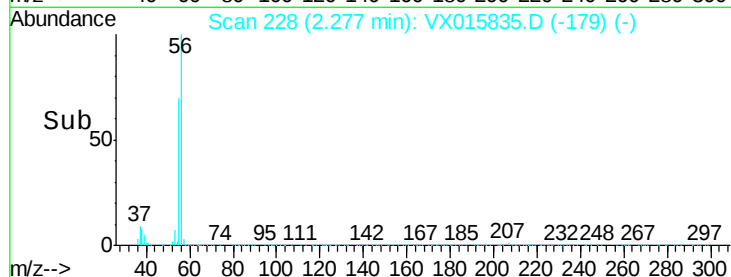
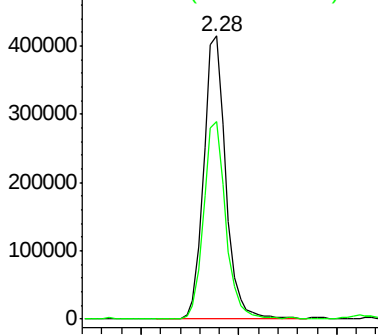
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 99.392 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

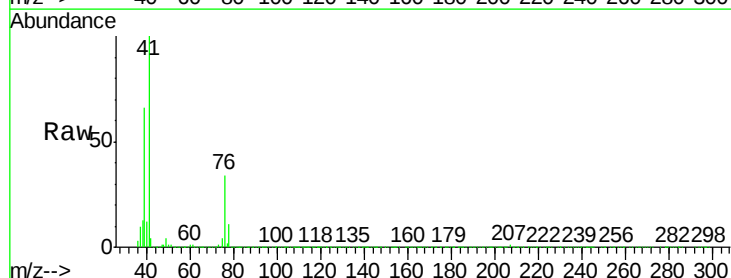
Tgt Ion: 41 Resp: 1796228

Ion Ratio Lower Upper

41 100

39 61.1 48.4 72.6

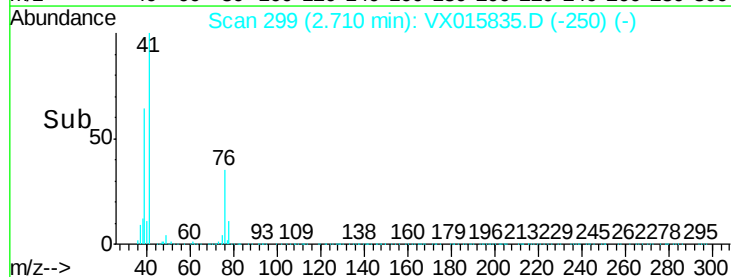
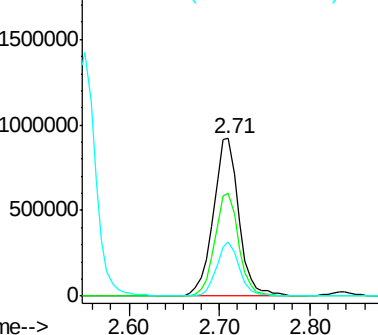
76 30.5 23.8 35.8

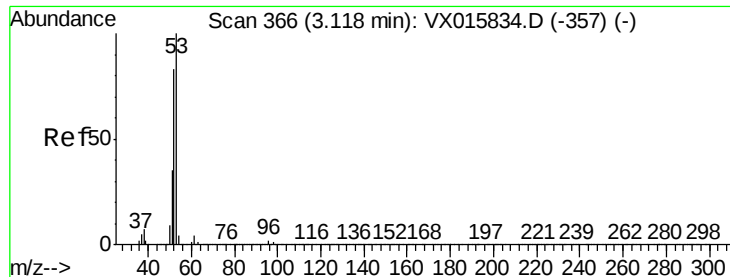


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 521.212 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 2677586

Ion Ratio Lower Upper

53 100

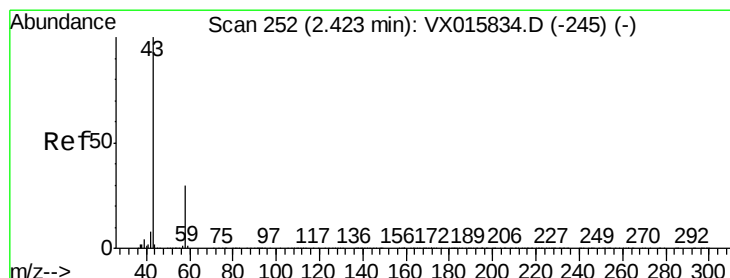
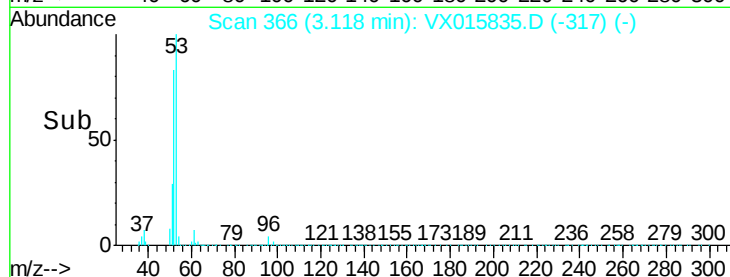
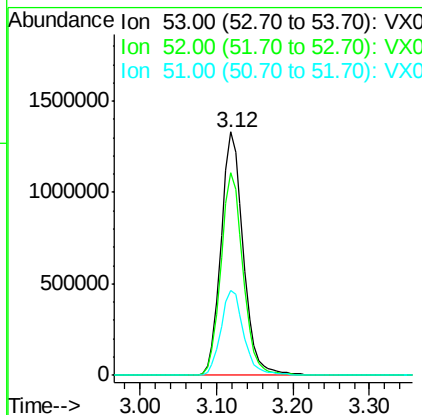
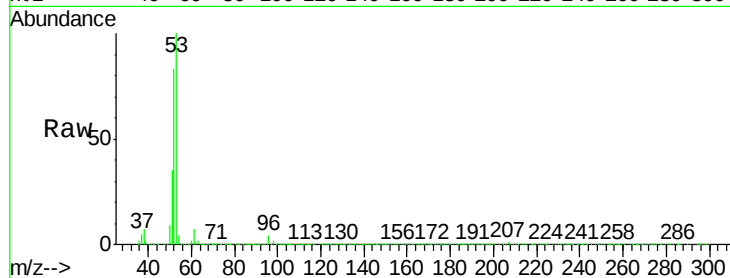
52 82.7 66.2 99.4

51 35.9 28.6 43.0

Manual Integrations
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#16

Acetone

Concen: 447.607 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015835.D

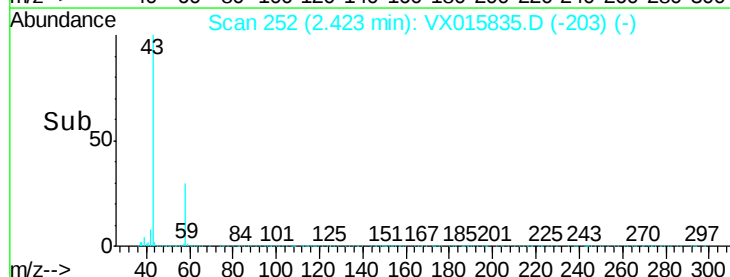
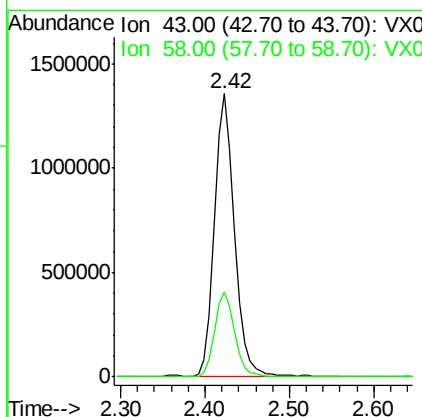
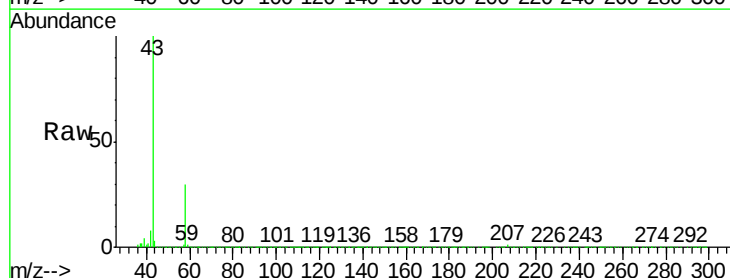
Acq: 22 Apr 2020 11:29

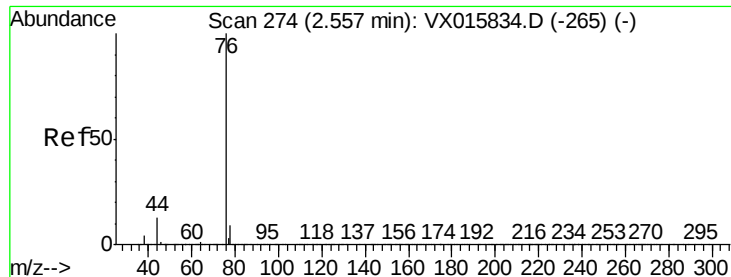
Tgt Ion: 43 Resp: 2218127

Ion Ratio Lower Upper

43 100

58 29.8 24.0 36.0





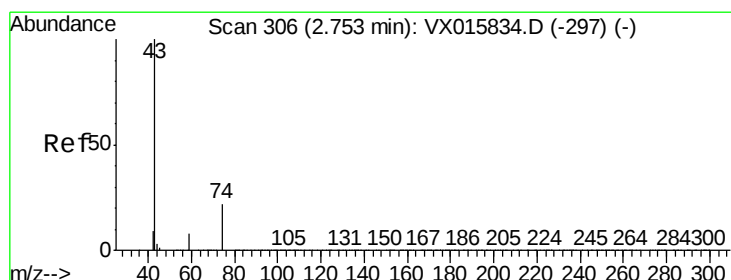
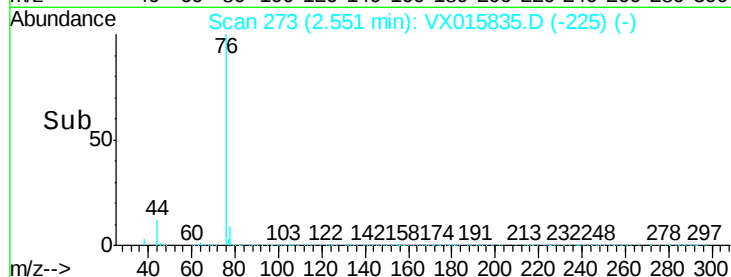
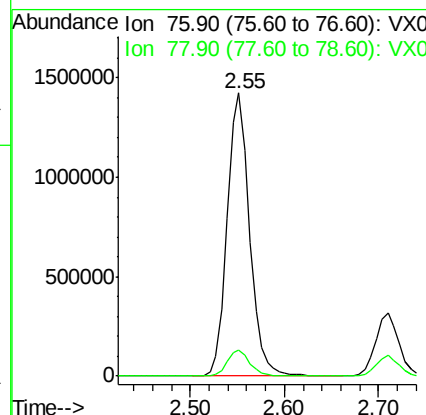
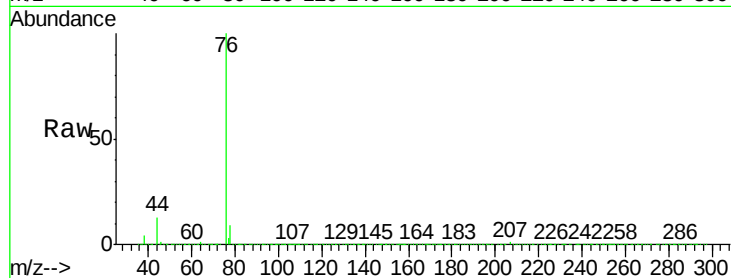
#17
Carbon Disulfide
Concen: 68.657 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

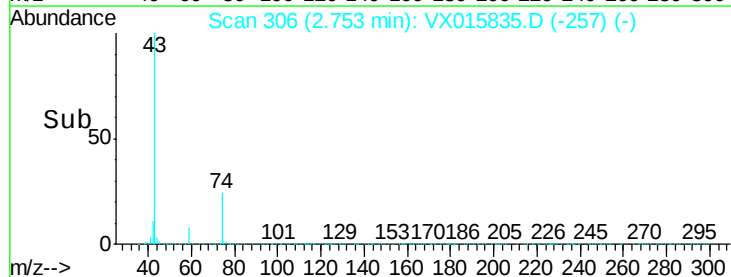
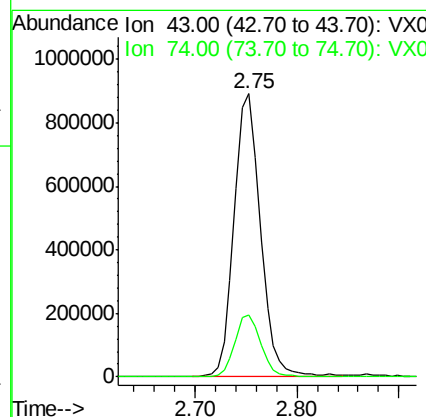
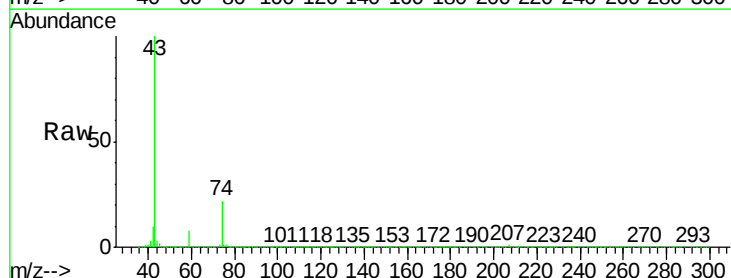
Manual Integrations
APPROVED

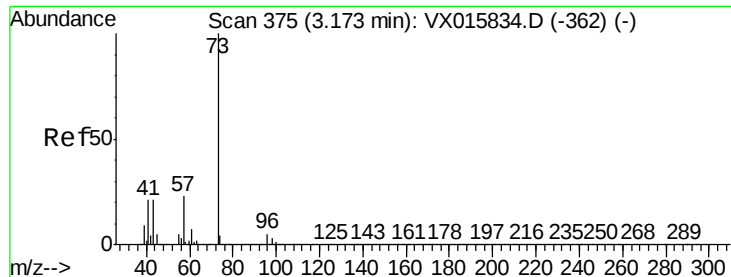
MMDadoda
4/23/2020 11:58:12 AM



#18
Methyl Acetate
Concen: 100.626 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.9	26.9





#19

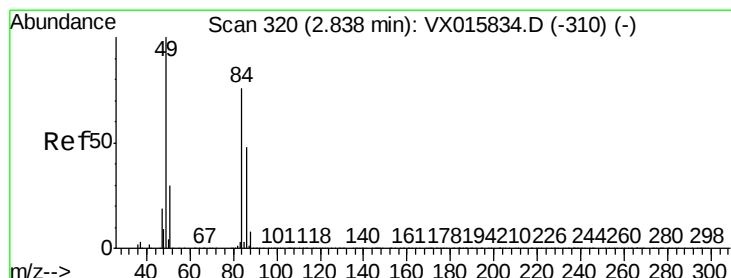
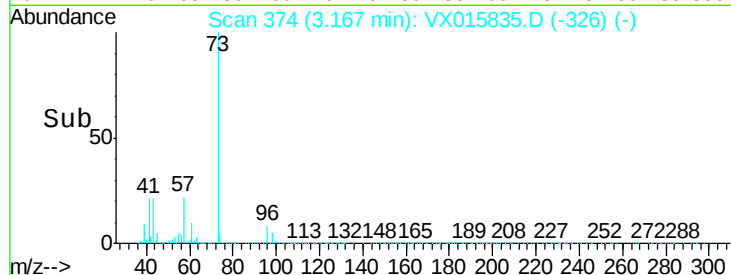
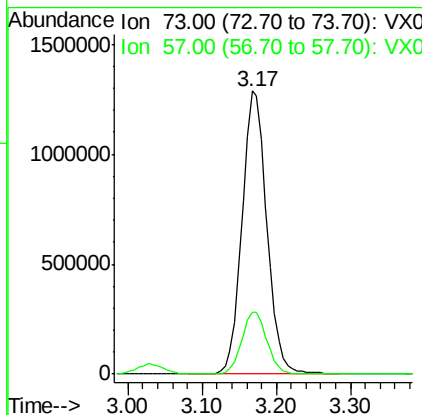
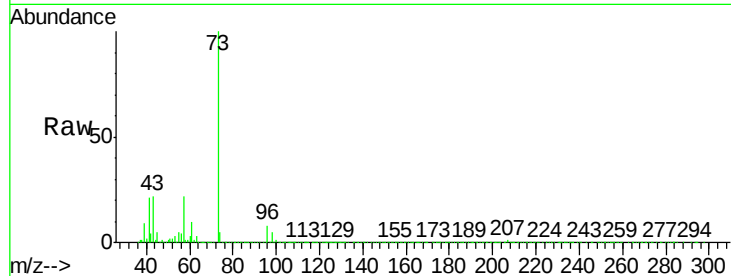
Methyl tert-butyl Ether
Concen: 100.951 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.1	27.1

Manual Integrations
APPROVED

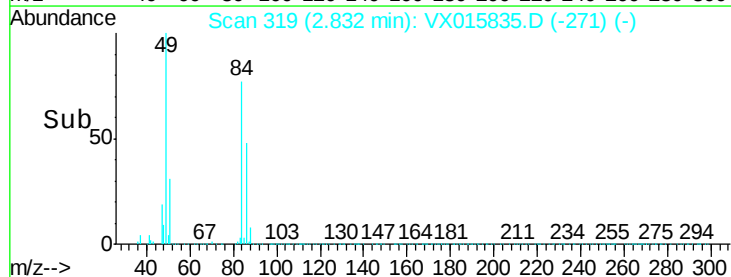
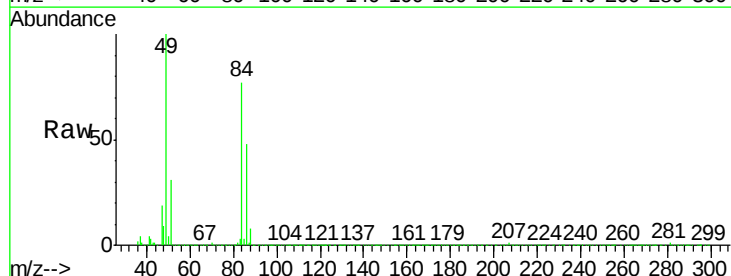
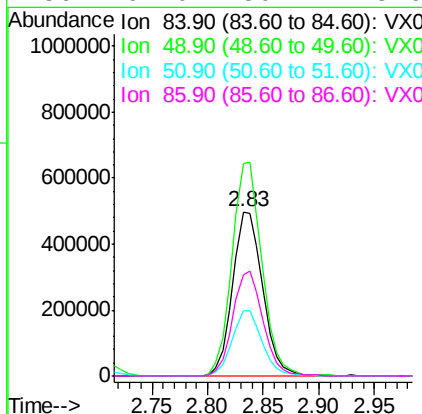
MMDadoda
4/23/2020 11:58:12 AM

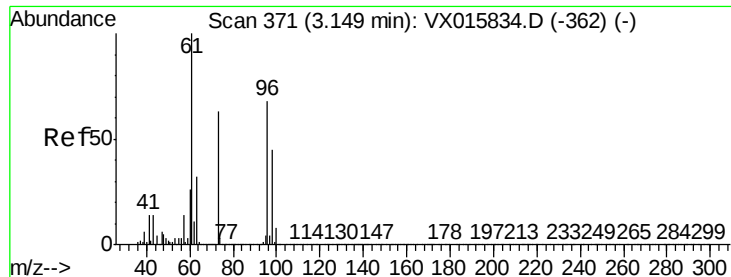


#20

Methylene Chloride
Concen: 94.793 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.9	104.9	157.3
51	40.0	32.0	48.0
86	62.0	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 96.815 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

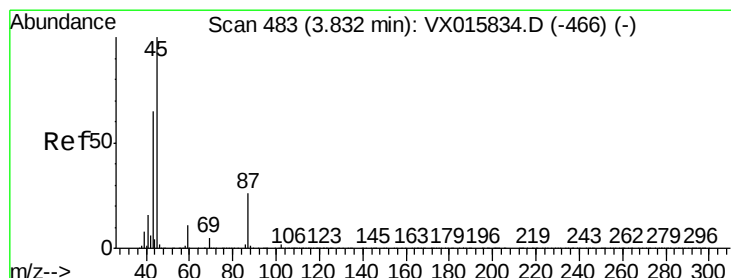
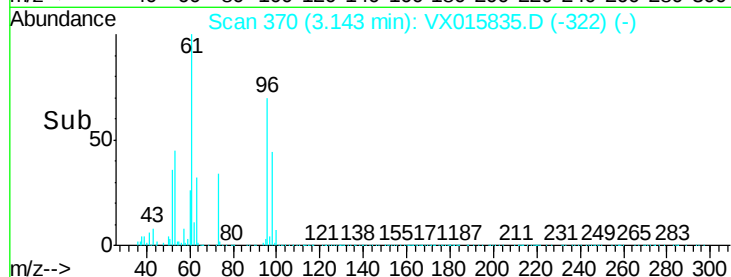
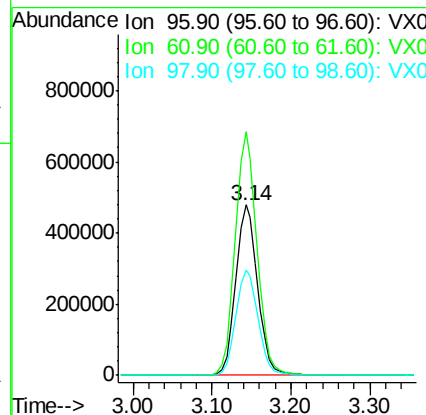
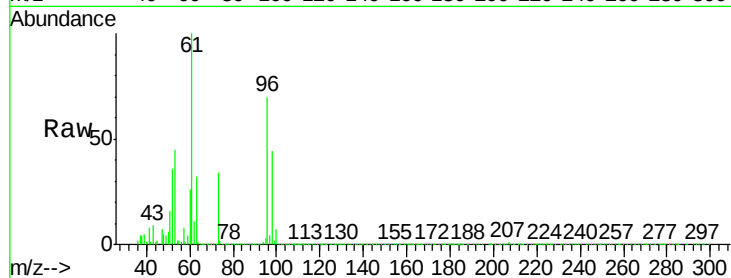
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	915721
Ion Ratio	Lower	Upper	
96	100		
61	143.2	117.5	176.3
98	62.3	52.7	79.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 97.655 ug/l

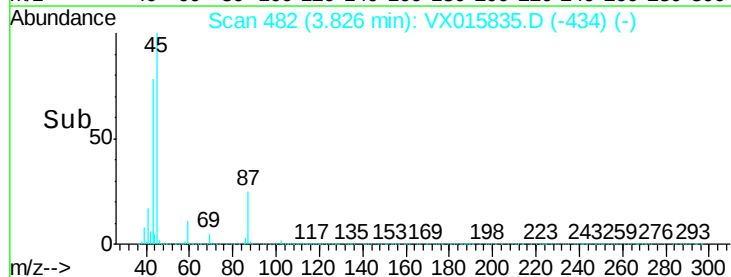
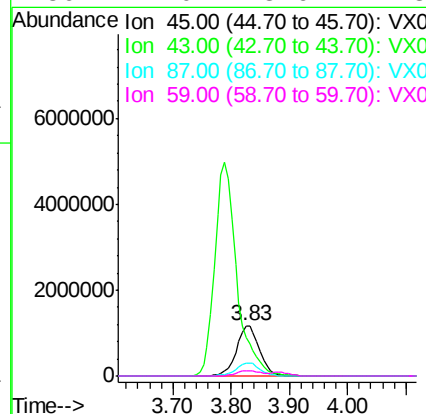
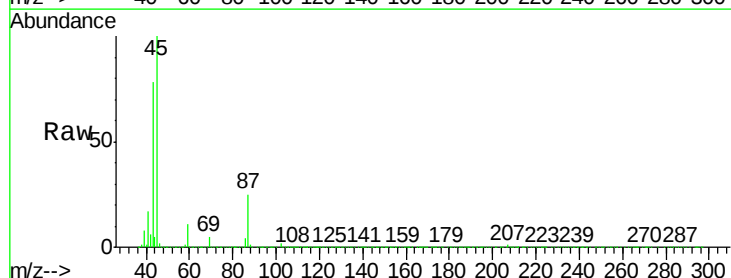
RT: 3.83 min Scan# 482

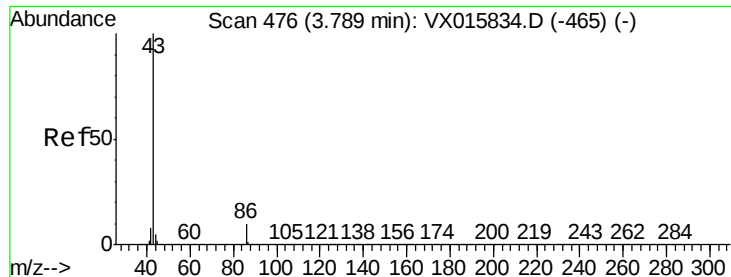
Delta R.T. -0.01 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Tgt Ion:	45	Resp:	3176639
Ion Ratio	Lower	Upper	
45	100		
43	77.2	52.4	78.6
87	24.9	20.7	31.1
59	11.0	8.6	12.8





#23

Vinyl Acetate

Concen: 481.831 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Tot Ion: 43 Resp: 13103867

Ion Ratio Lower Upper

43 100

86 10.4 8.0 12.0

Instrument :

MSVOA_X

ClientSampleId :

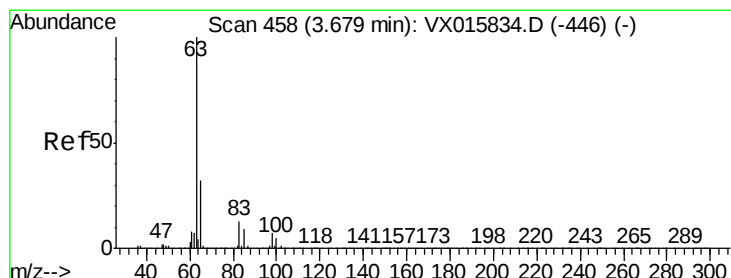
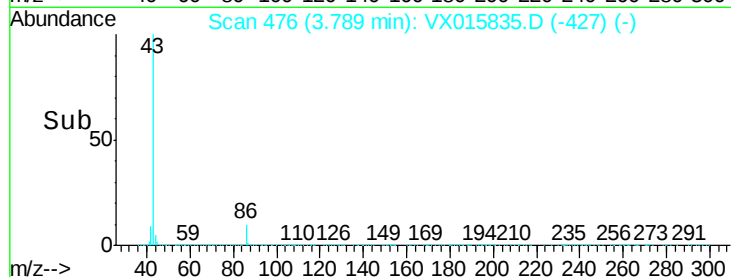
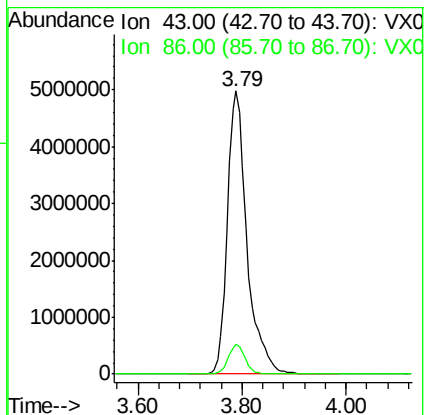
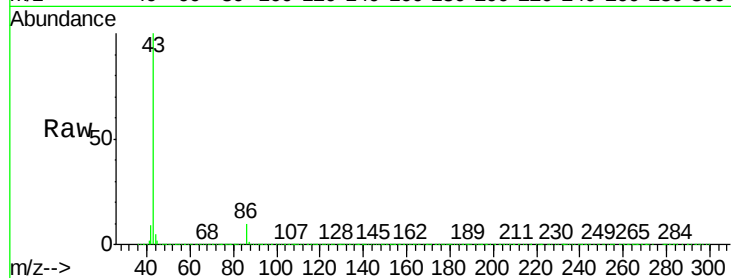
VSTDICC100

Manual Integrations

APPROVED

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4/23/2020 11:58:12 AM



#24

1,1-Dichloroethane

Concen: 100.728 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

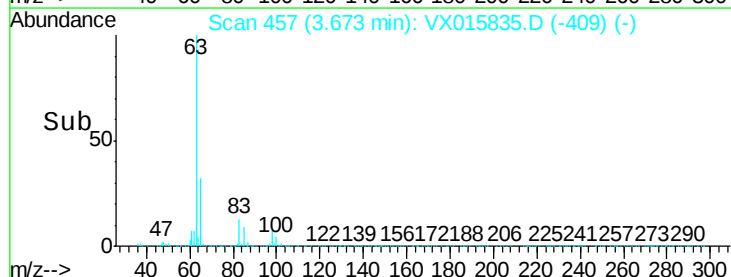
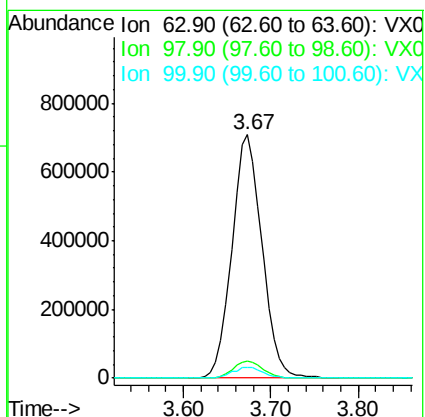
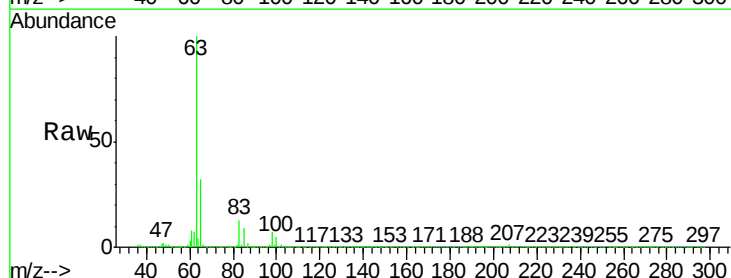
Tgt Ion: 63 Resp: 1688949

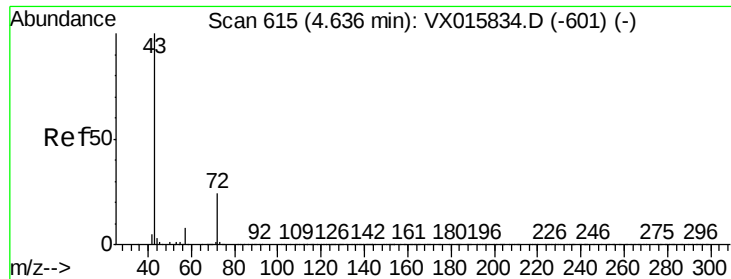
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 512.843 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 3842199

Ion Ratio Lower Upper

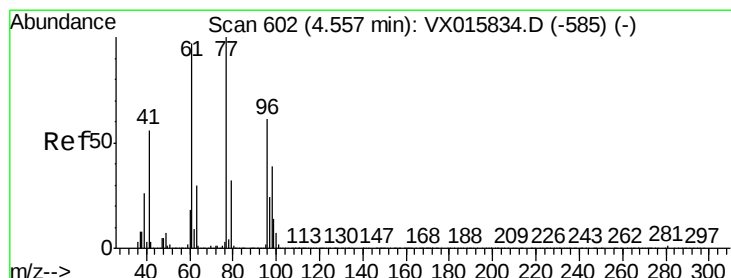
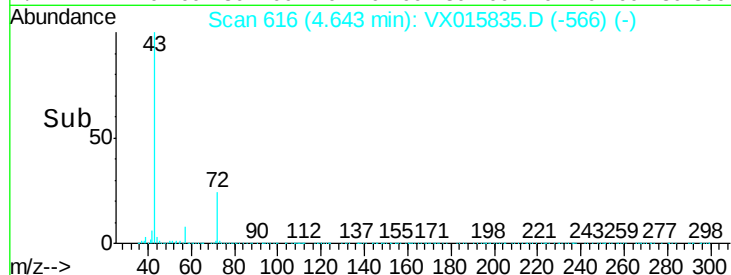
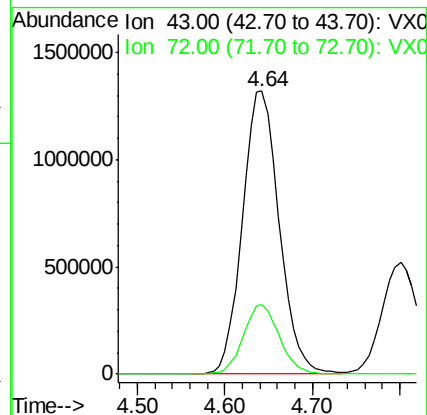
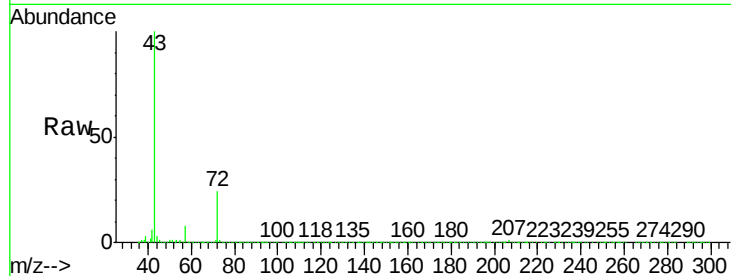
43 100

72 24.3 19.4 29.2

Manual Integrations
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MMDadoda

4/23/2020 11:58:12 AM



#26

2,2-Dichloropropane

Concen: 99.457 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015835.D

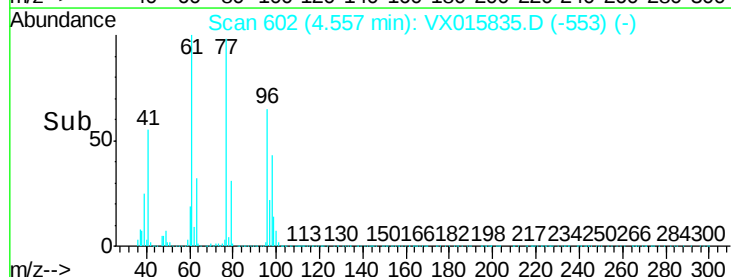
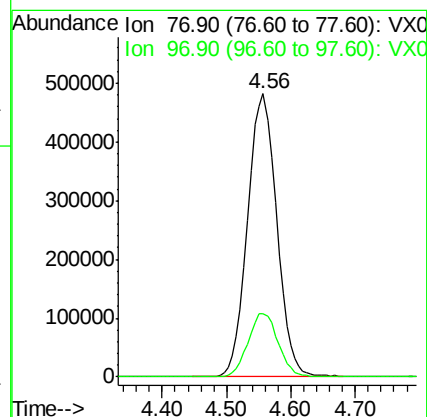
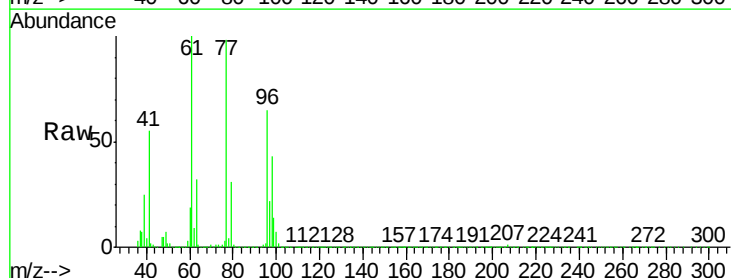
Acq: 22 Apr 2020 11:29

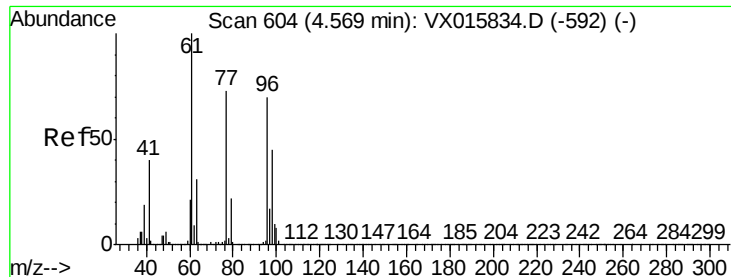
Tgt Ion: 77 Resp: 1498458

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1





#27

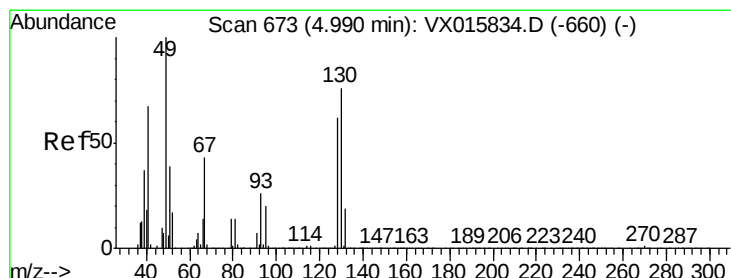
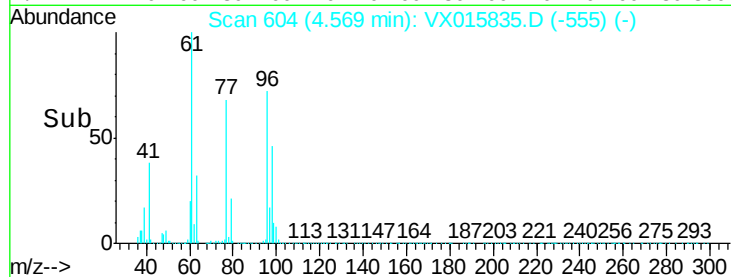
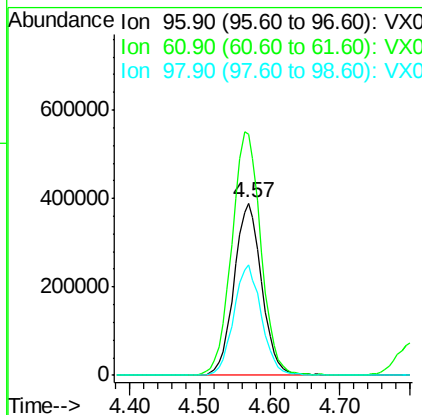
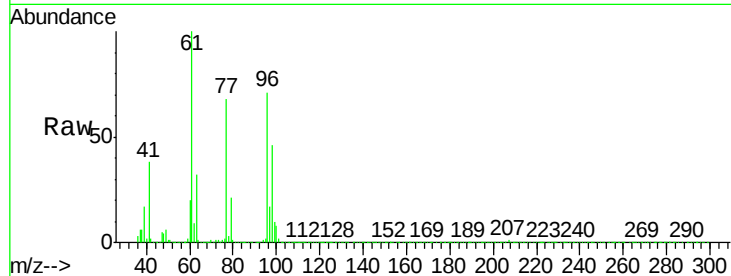
cis-1,2-Dichloroethene
Concen: 100.455 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	299.4
98	64.4	0.0	129.6

Manual Integrations
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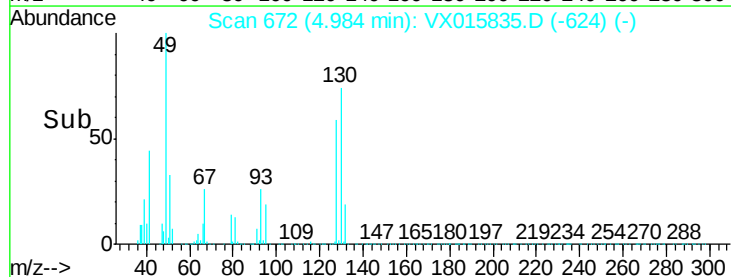
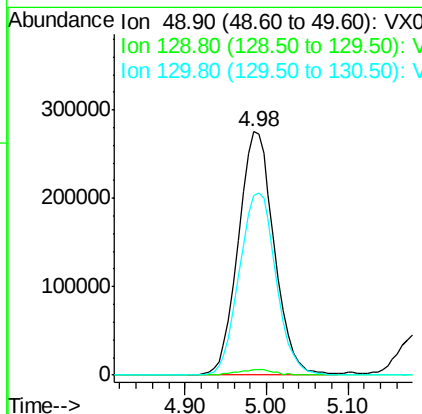
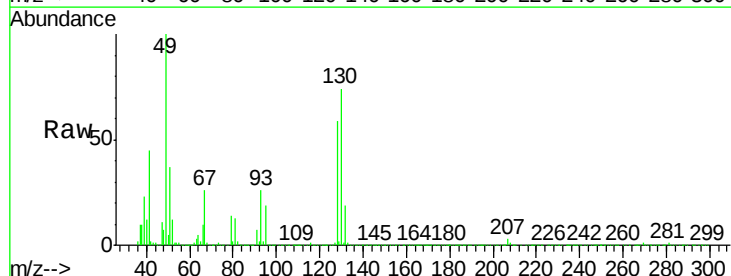
MMDadoda
4/23/2020 11:58:12 AM

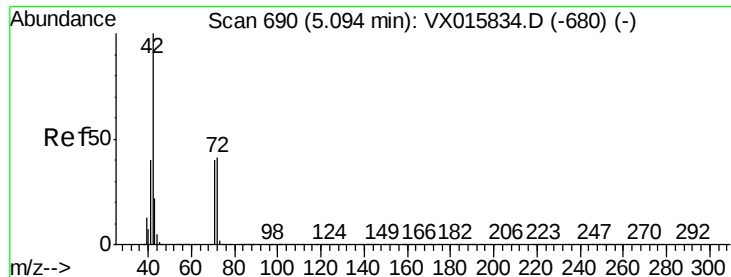


#28

Bromochloromethane
Concen: 91.614 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	1.8#
130	77.4	62.4	93.6





#29

Tetrahydrofuran

Concen: 508.729 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 42 Resp: 2531358

Ion Ratio Lower Upper

42 100

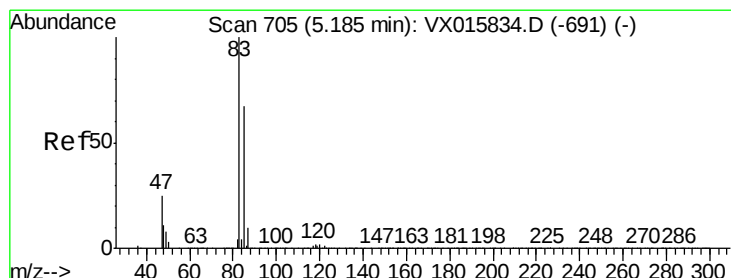
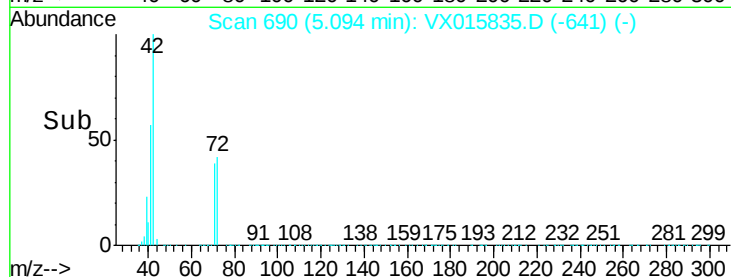
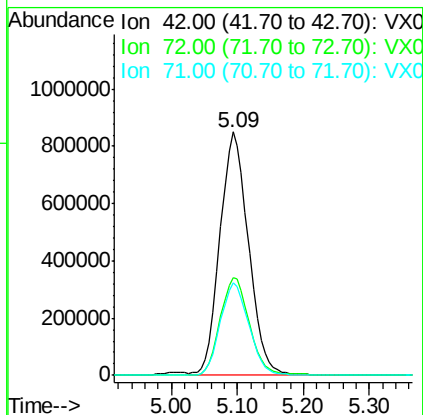
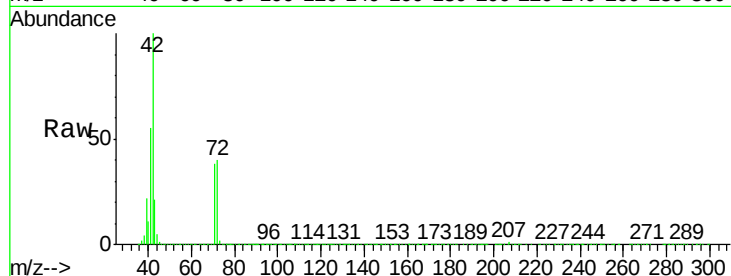
72 41.2 33.0 49.6

71 38.3 30.6 45.8

Manual Integrations
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#30

Chloroform

Concen: 97.698 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015835.D

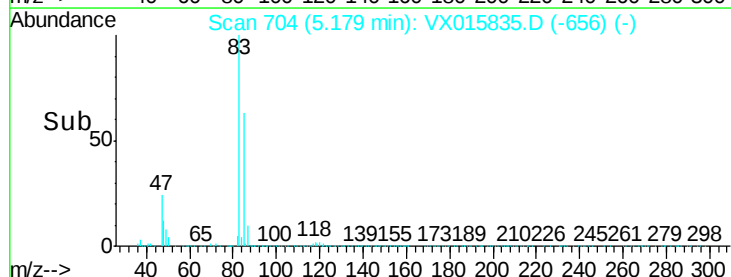
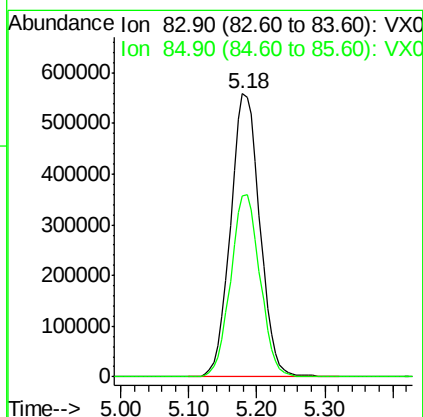
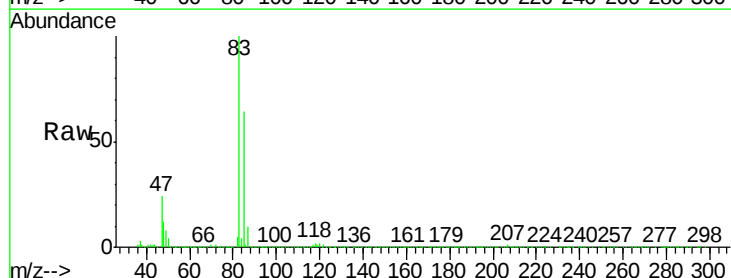
Acq: 22 Apr 2020 11:29

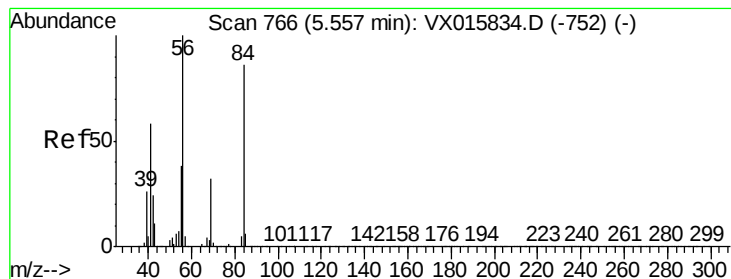
Tgt Ion: 83 Resp: 1668688

Ion Ratio Lower Upper

83 100

85 63.9 53.4 80.0





#31

Cyclohexane

Concen: 97.989 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 1597526

Ion Ratio Lower Upper

56 100

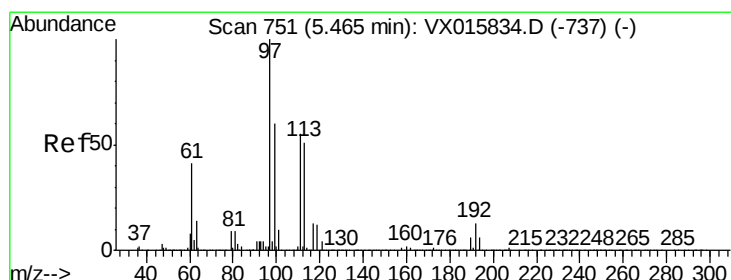
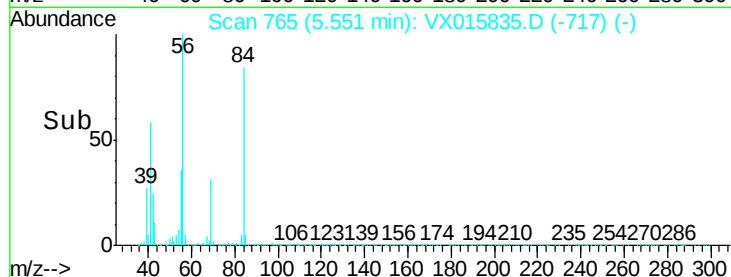
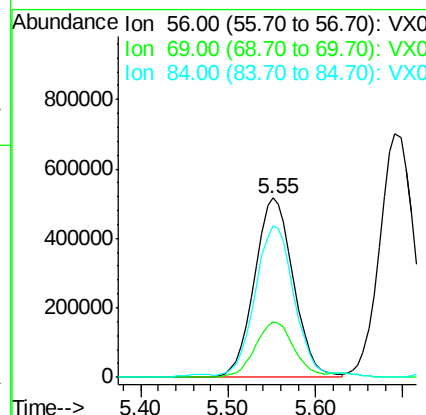
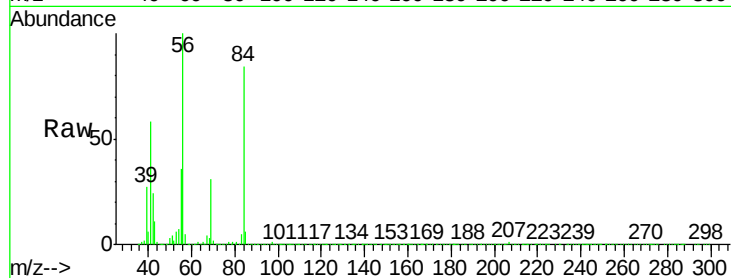
69 30.7 25.3 37.9

84 82.8 69.1 103.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 100.600 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

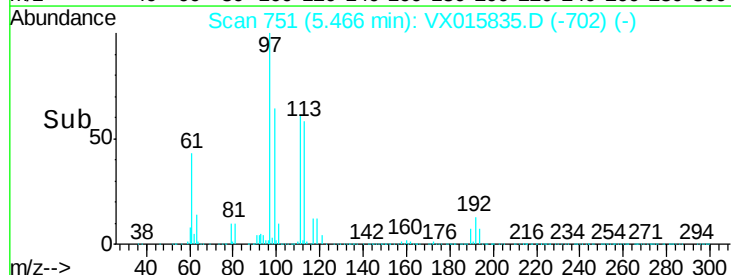
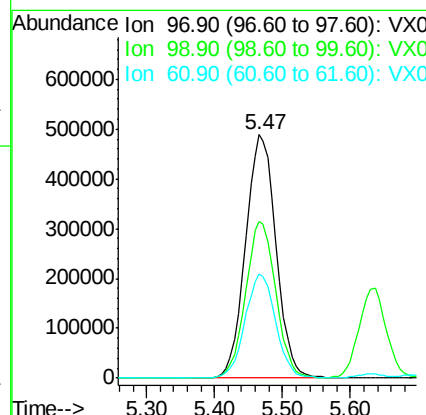
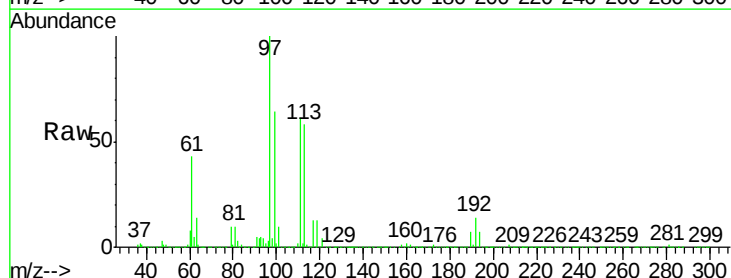
Tgt Ion: 97 Resp: 1516469

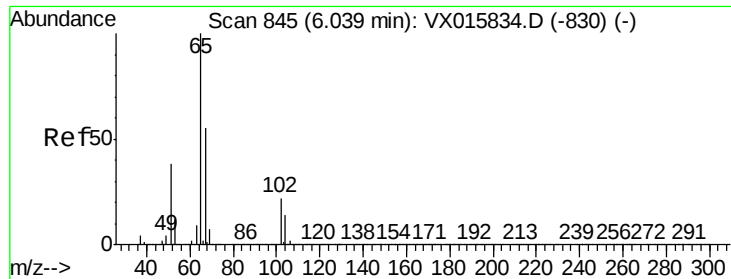
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 42.7 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 98.538 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 1132749

Ion Ratio Lower Upper

65 100

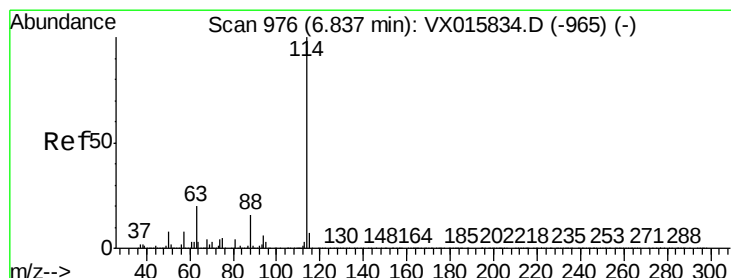
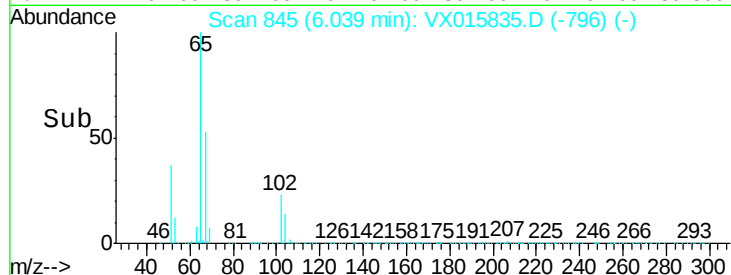
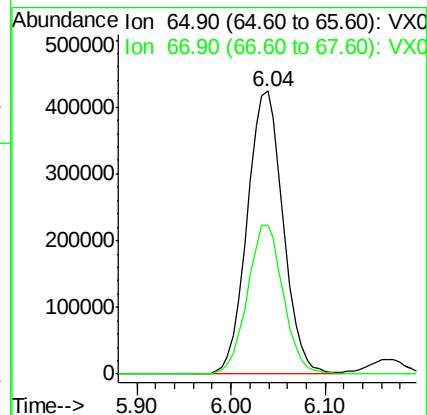
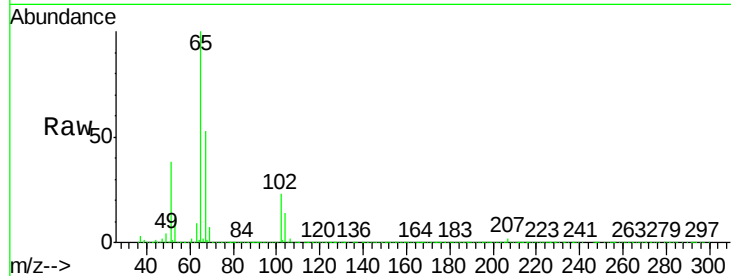
67 52.3 0.0 104.2

Manual Integrations

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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: VX015835.D

Acq: 22 Apr 2020 11:29

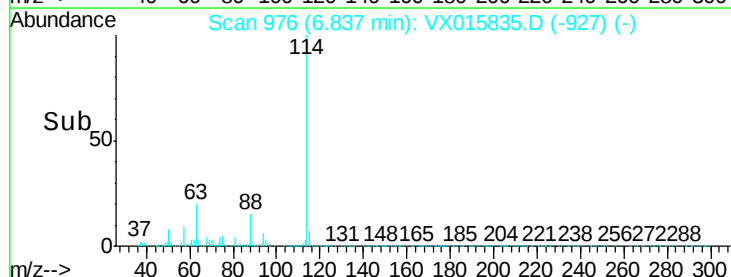
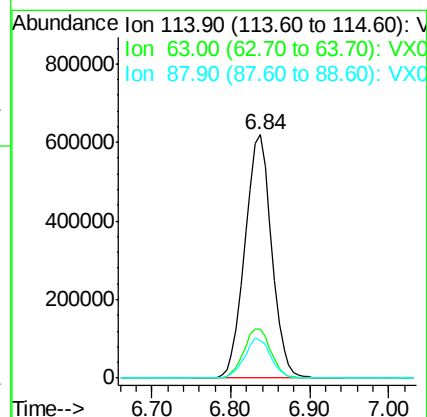
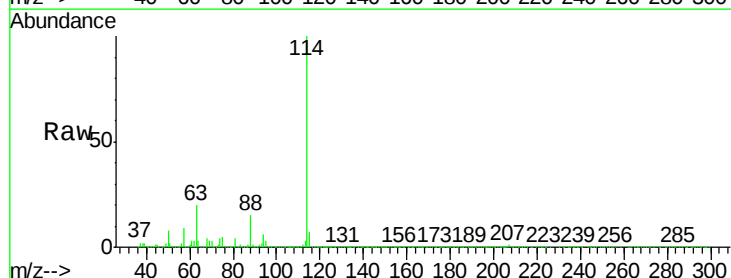
Tgt Ion: 114 Resp: 1462492

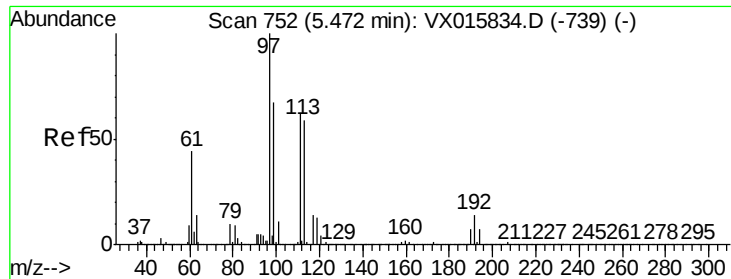
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 15.4 0.0 32.8





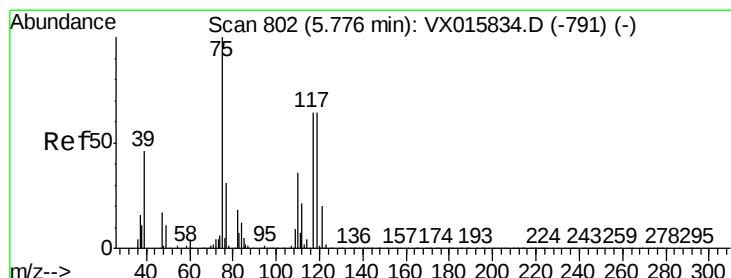
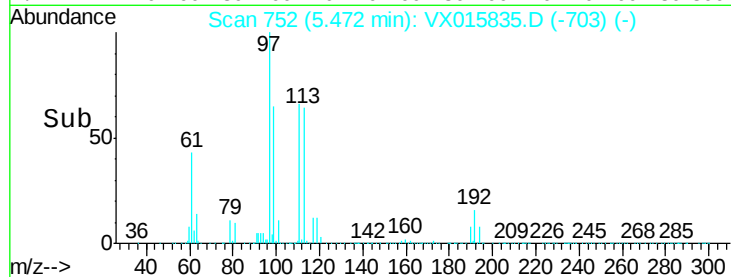
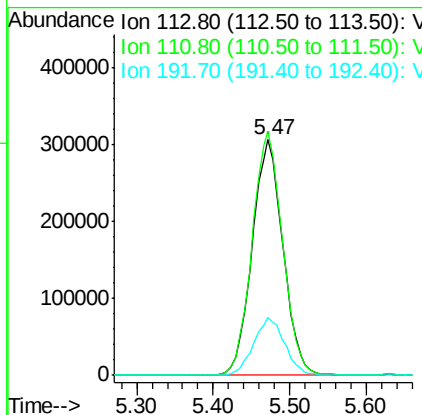
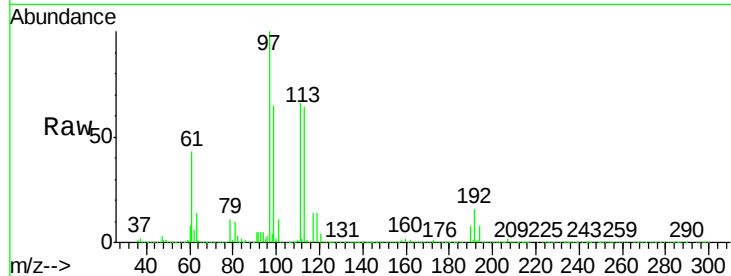
#35
 Dibromofluoromethane
 Concen: 92.755 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	24.8	19.3	28.9

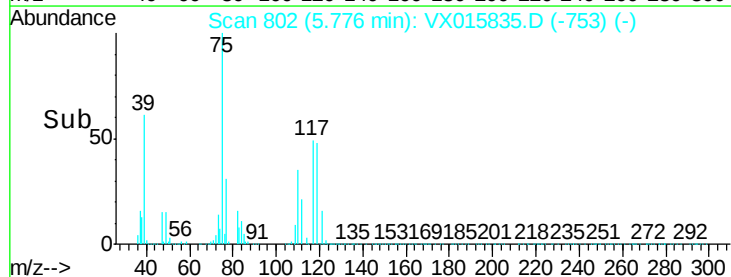
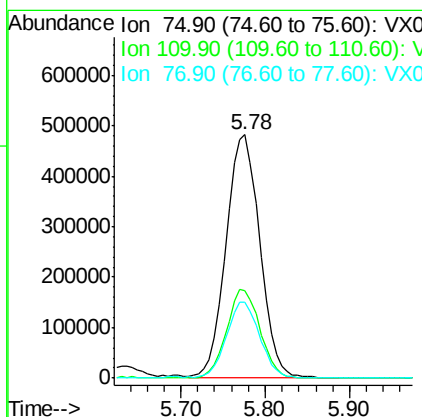
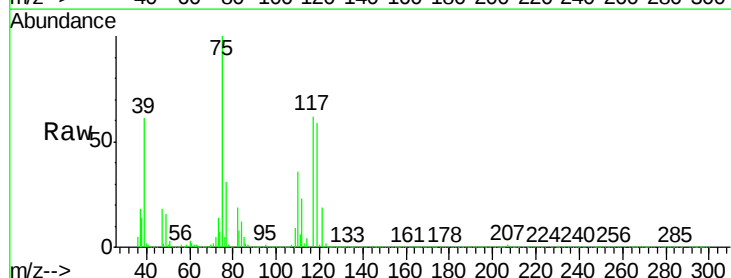
Manual Integrations
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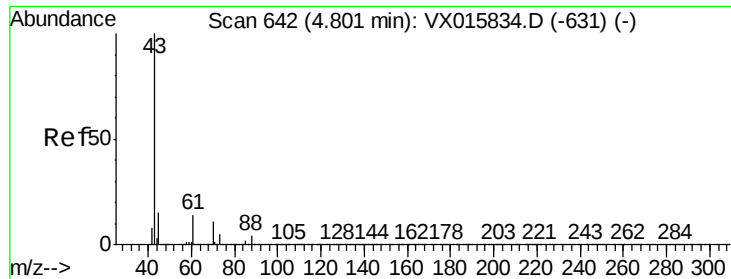
MMDadoda
 4/23/2020 11:58:12 AM



#36
 1,1-Dichloropropene
 Concen: 101.576 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.9	53.8
77	30.7	24.5	36.7





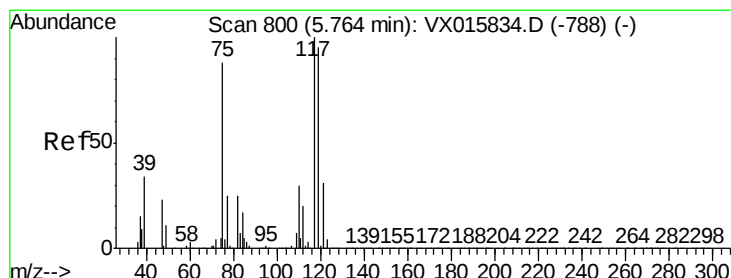
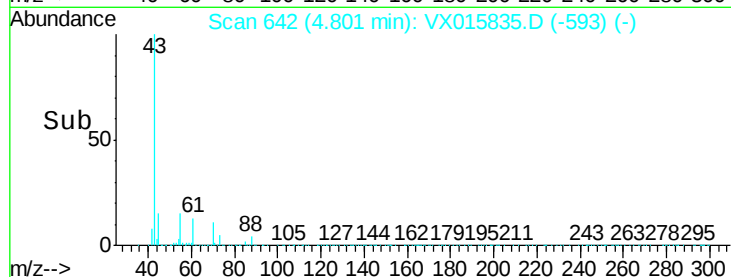
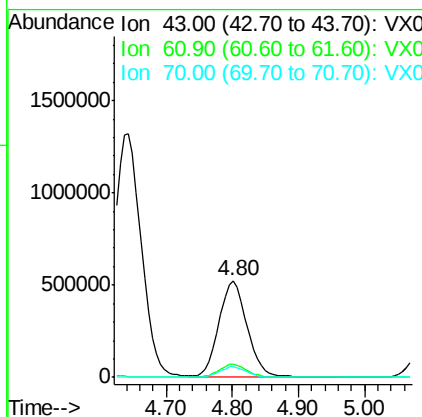
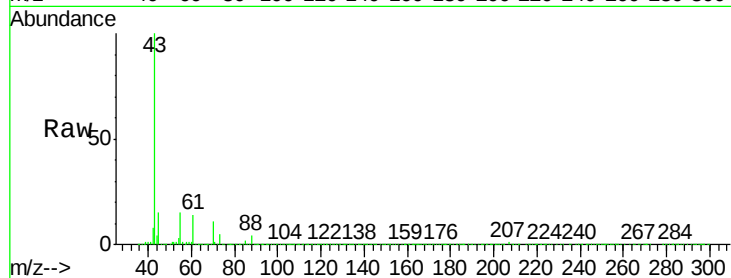
#37
Ethyl Acetate
Concen: 99.733 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	43	Resp:	1539564
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.8	16.2
70	10.3	8.2	12.2

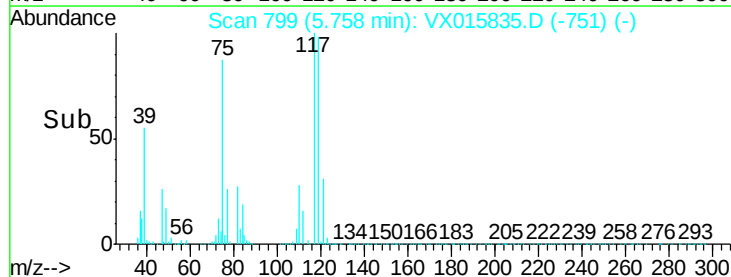
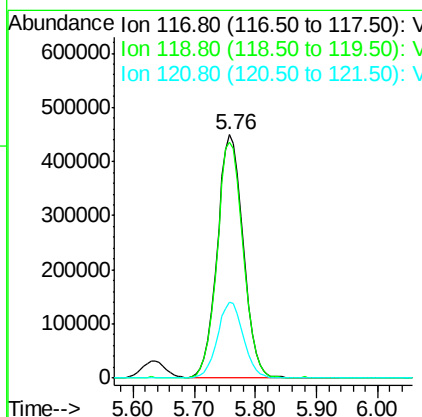
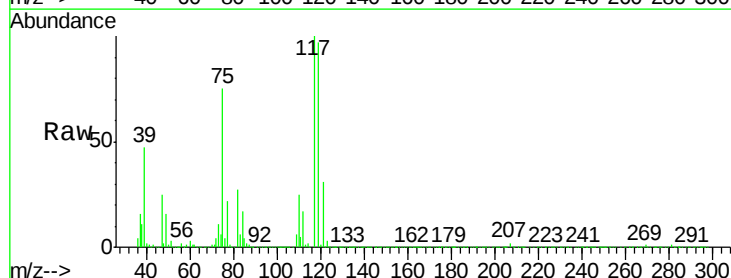
Manual Integrations
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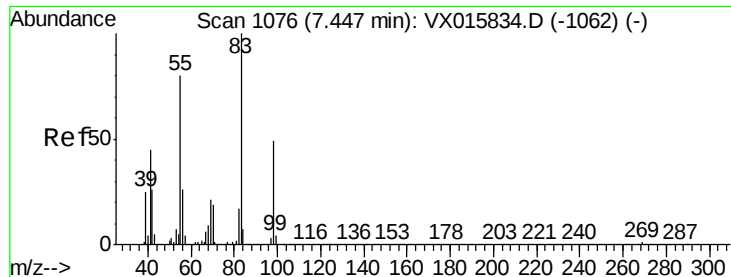
MMDadoda
4/23/2020 11:58:12 AM



#38
Carbon Tetrachloride
Concen: 105.763 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion:	117	Resp:	1318849
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.7	113.5
121	30.9	25.0	37.6





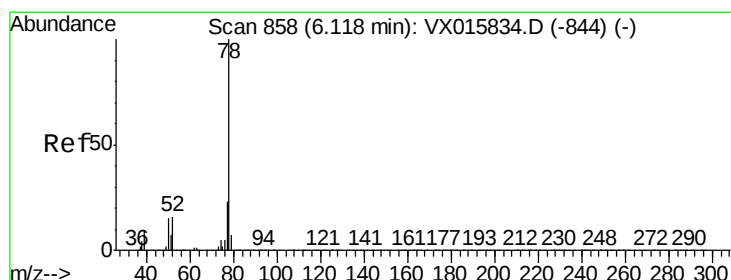
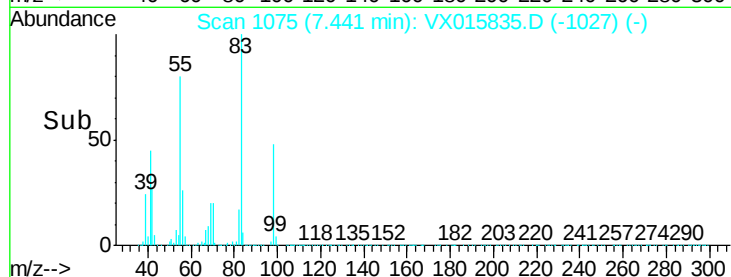
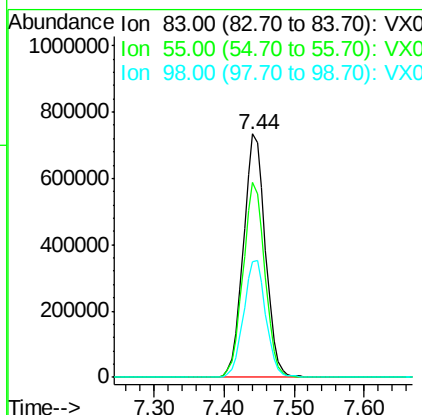
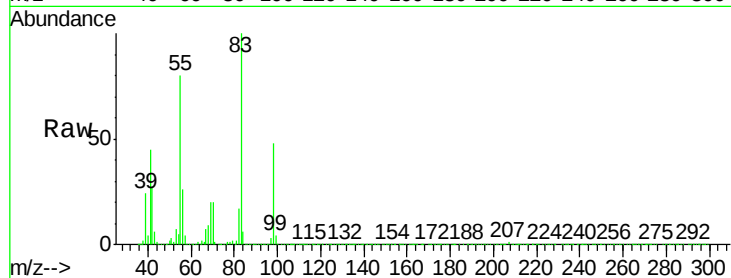
#39
Methvlcvclohexane
Concen: 96.658 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	64.2	96.4
98	47.6	39.3	58.9

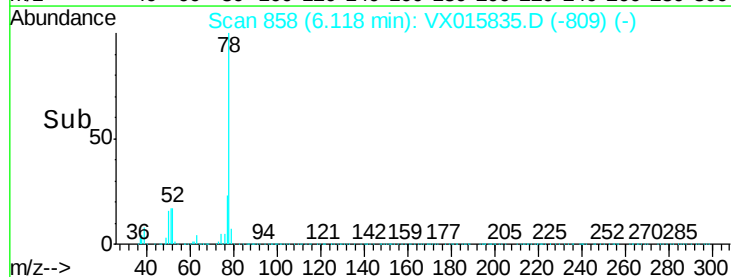
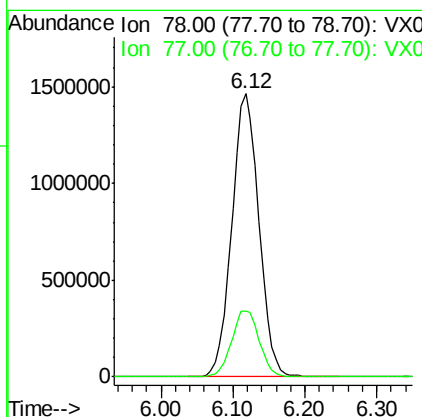
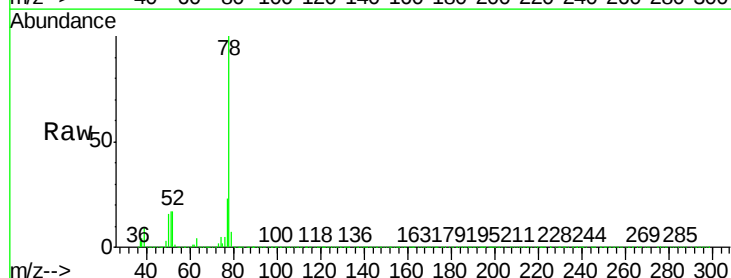
Manual Integrations
APPROVED

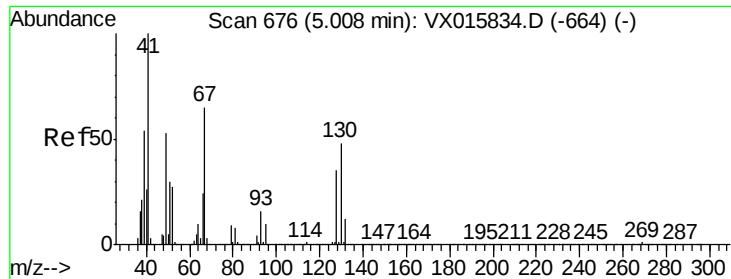
MMDadoda
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#40
Benzene
Concen: 97.092 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8





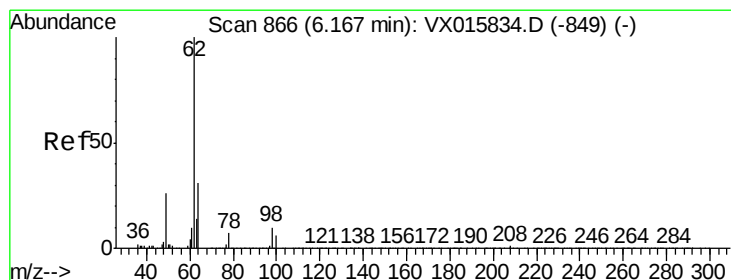
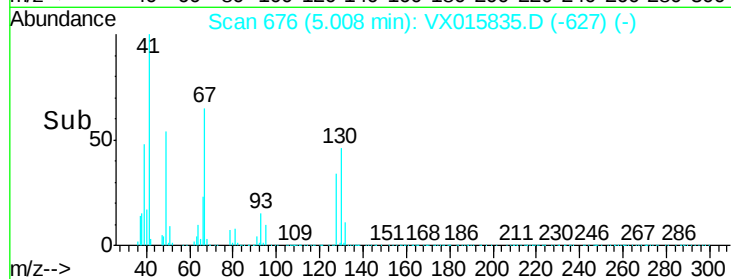
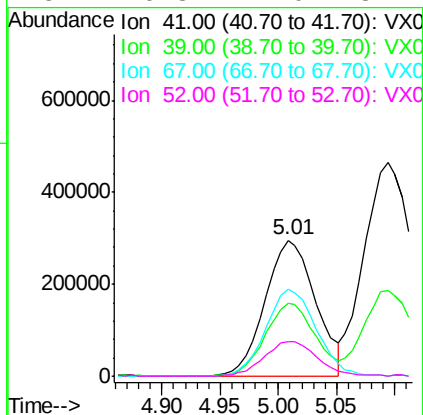
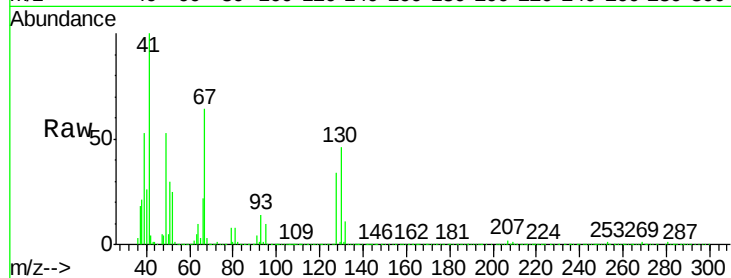
#41
Methacrylonitrile
Concen: 121.215 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.4	63.6
67	64.3	51.9	77.9
52	26.3	21.0	31.4

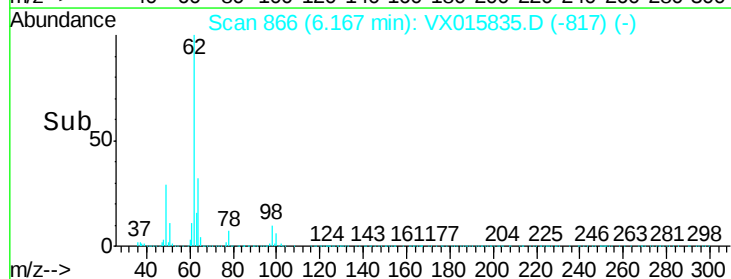
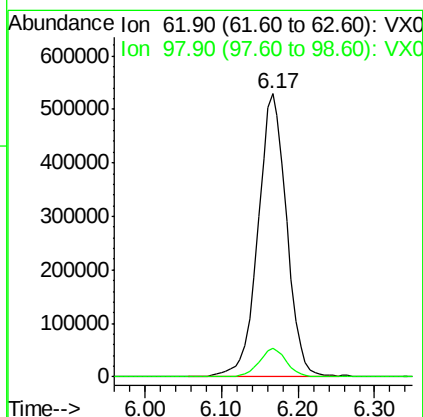
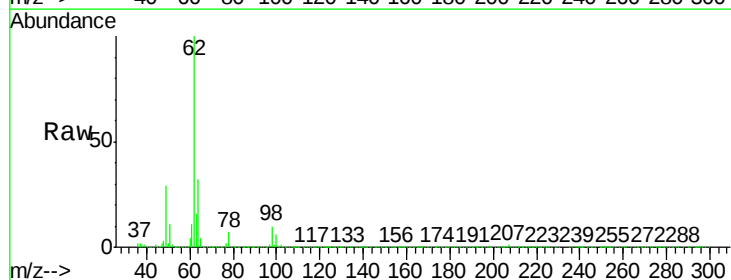
Manual Integrations
APPROVED

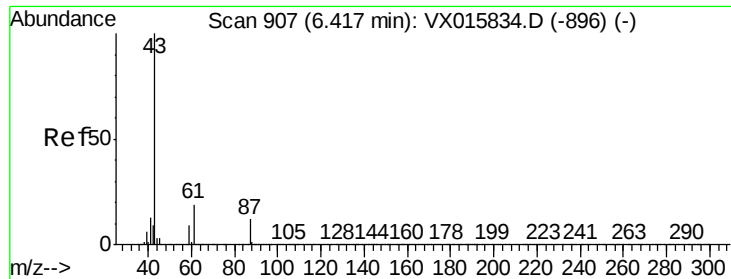
MMDadoda
4/23/2020 11:58:12 AM



#42
1,2-Dichloroethane
Concen: 97.091 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.0





#43

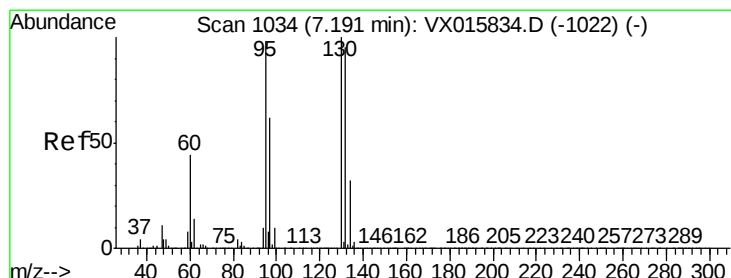
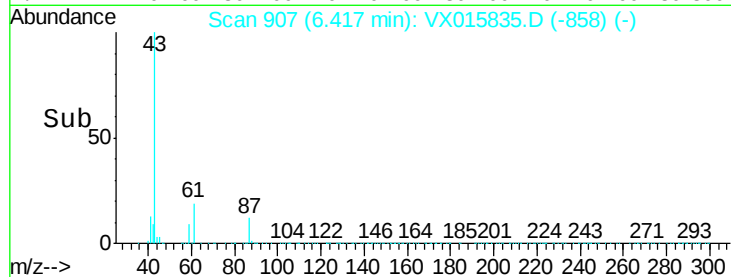
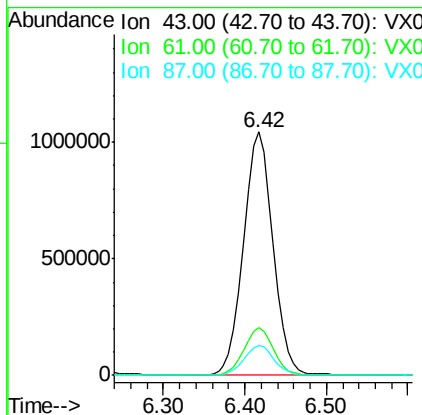
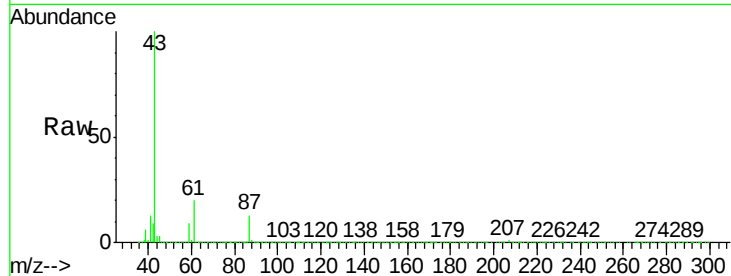
Isopropyl Acetate
 Concen: 100.850 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.2
87	12.6	9.8	14.6

Manual Integrations
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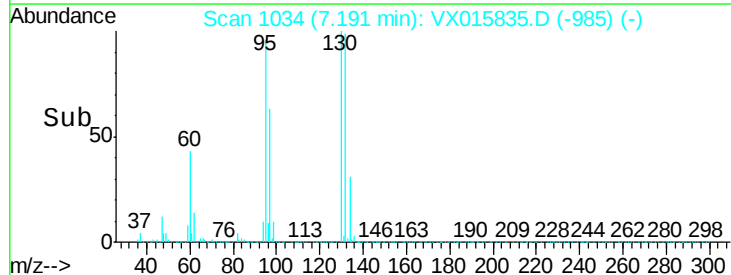
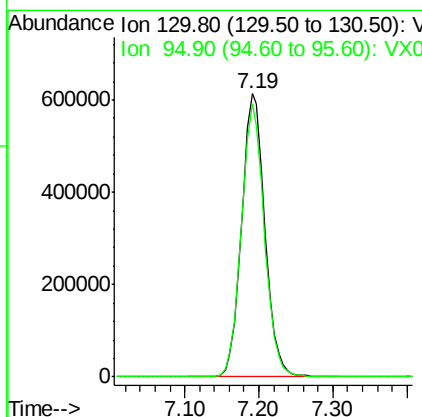
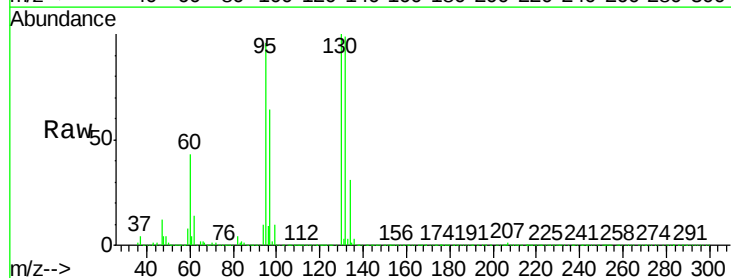
MMDadoda
 4/23/2020 11:58:12 AM

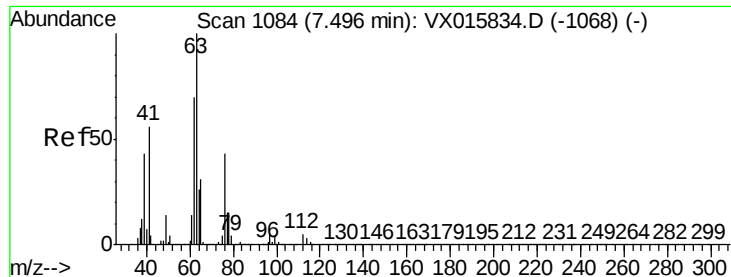


#44

Trichloroethene
 Concen: 97.985 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	195.8





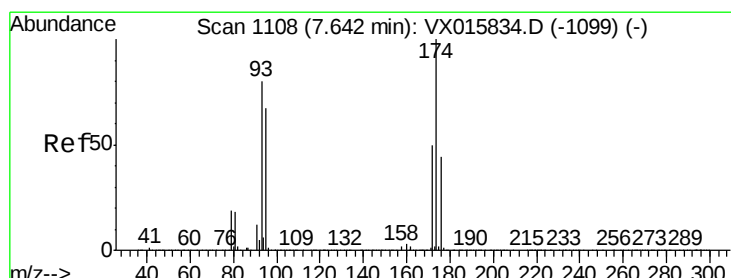
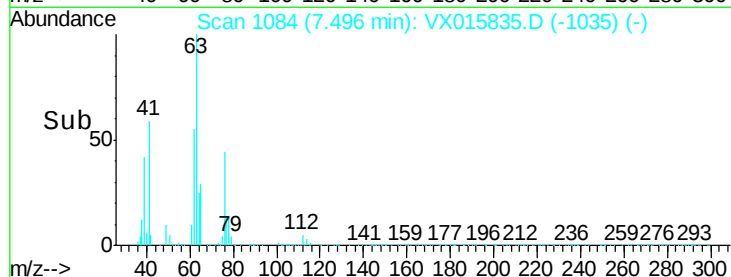
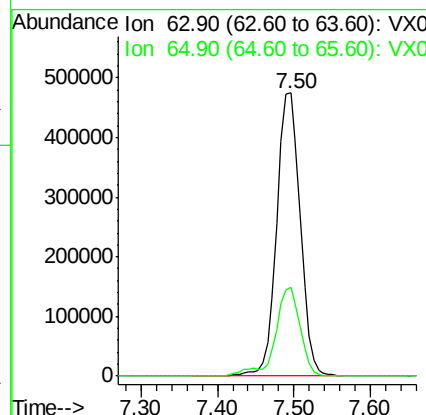
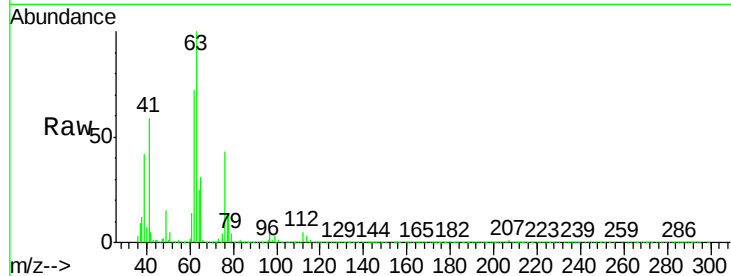
#45
 1,2-Dichloropropane
 Concen: 99.624 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC100

Tot Ion: 63 Resp: 1017337
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.5 36.7

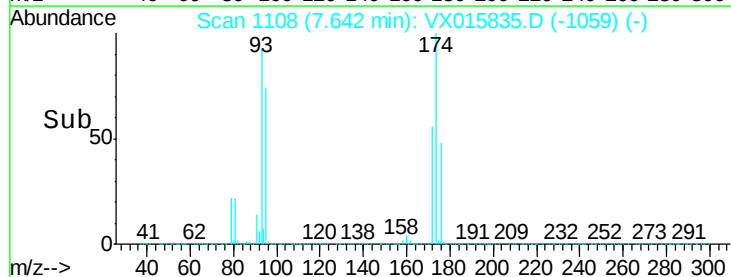
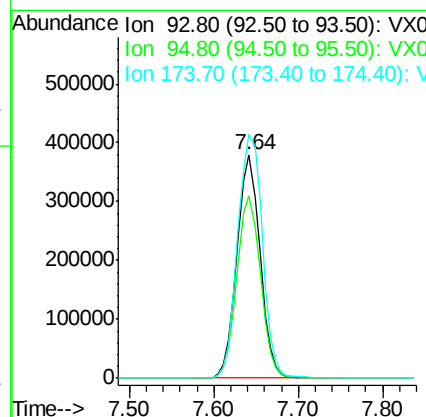
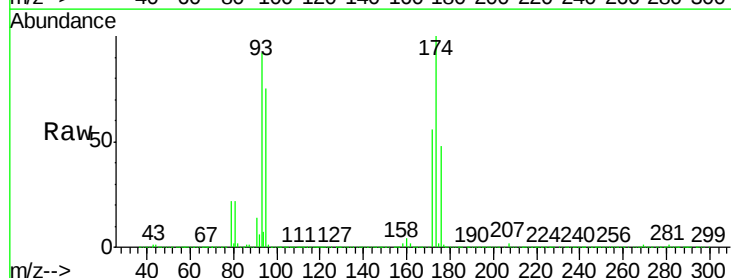
Manual Integrations
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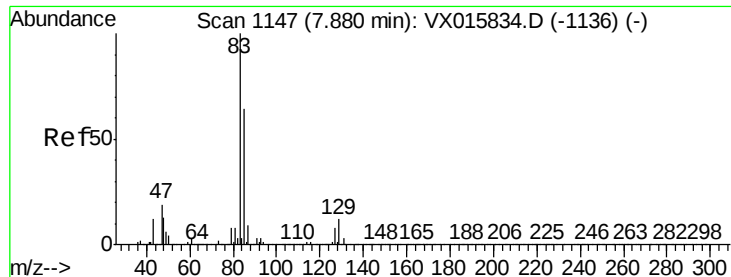
MMDadoda
 4/23/2020 11:58:12 AM



#46
 Dibromomethane
 Concen: 91.166 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Tgt Ion: 93 Resp: 700748
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.8
 174 117.1 95.6 143.4





#47

Bromodichloromethane

Concen: 104.924 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

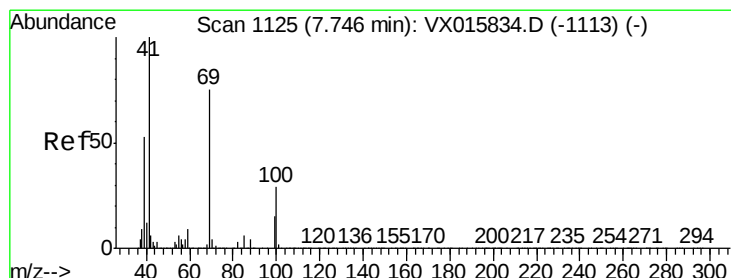
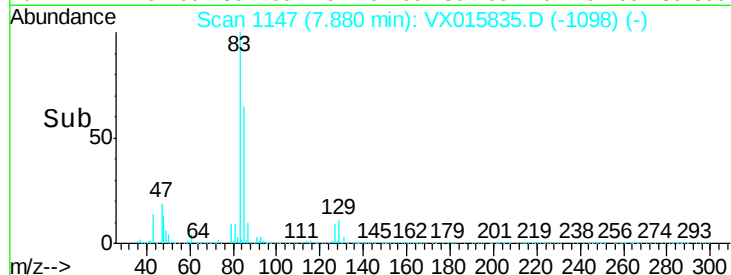
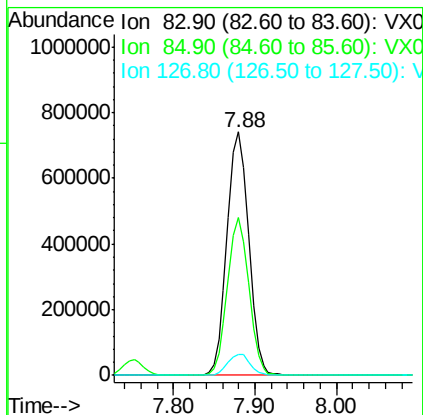
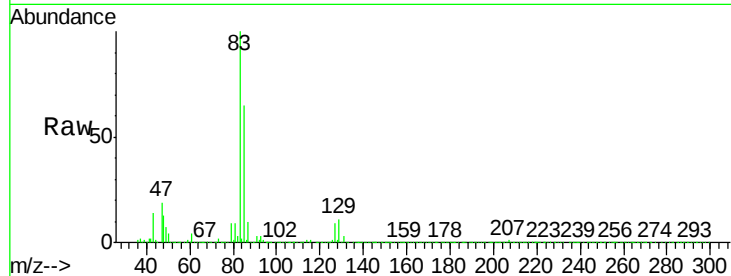
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	1364580
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.8	76.2
127	8.8	6.6	10.0

Manual Integrations
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MMDadoda
4/23/2020 11:58:12 AM



#48

Methyl methacrylate

Concen: 104.160 ug/l

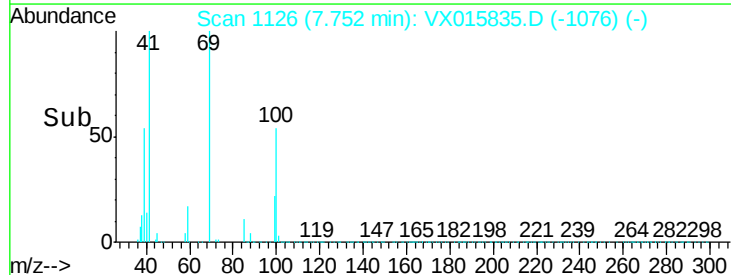
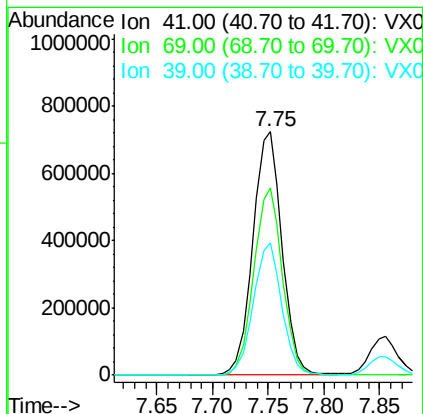
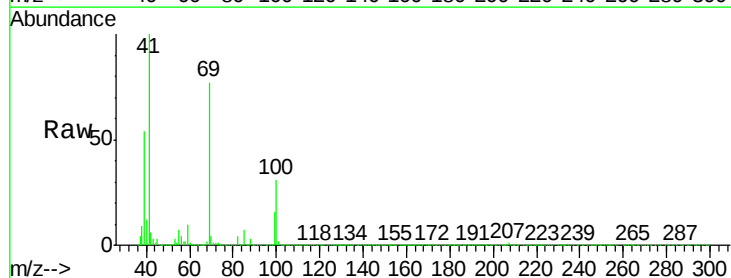
RT: 7.75 min Scan# 1126

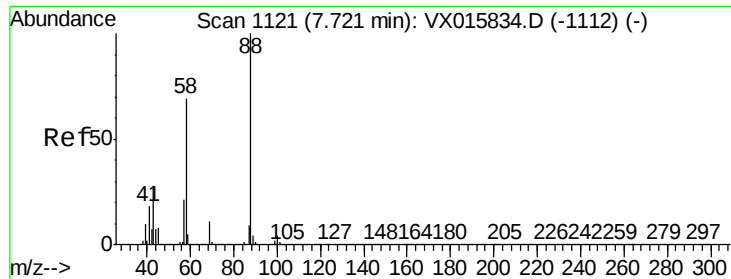
Delta R.T. 0.01 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Tgt Ion:	41	Resp:	1314044
Ion	Ratio	Lower	Upper
41	100		
69	75.9	60.5	90.7
39	52.9	42.1	63.1





#49

1,4-Dioxane

Concen: 1951.718 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

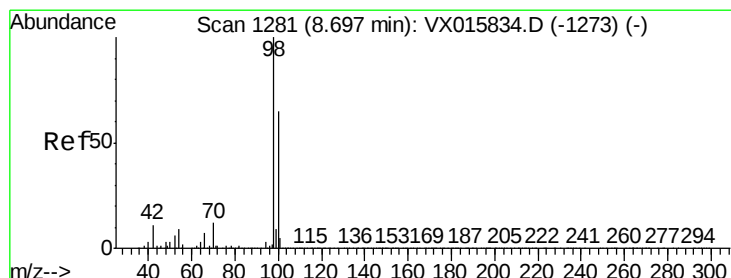
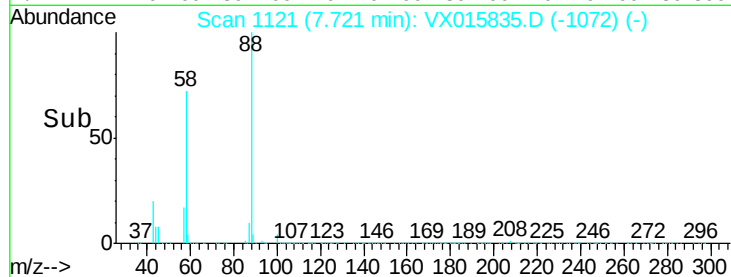
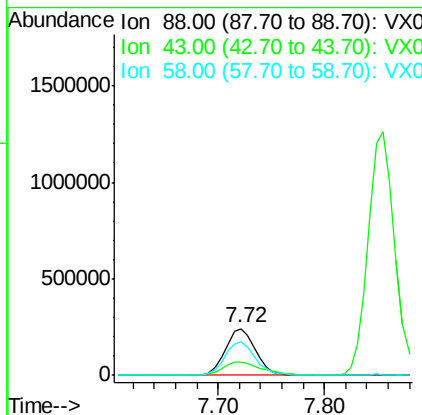
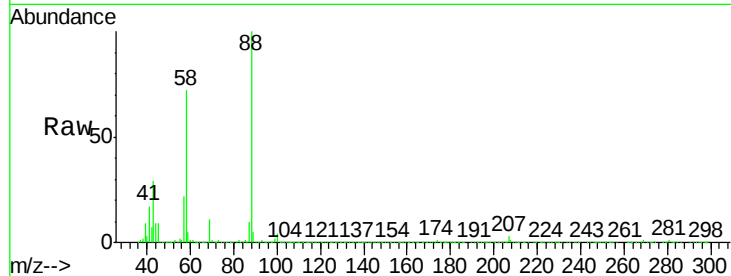
ClientSampleId :

VSTDICC100

Tot Ion:	88	Resp:	478098
Ion Ratio	Lower	Upper	
88	100		
43	35.3	28.2	42.4
58	73.3	58.9	88.3

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#50

Toluene-d8

Concen: 97.585 ug/l

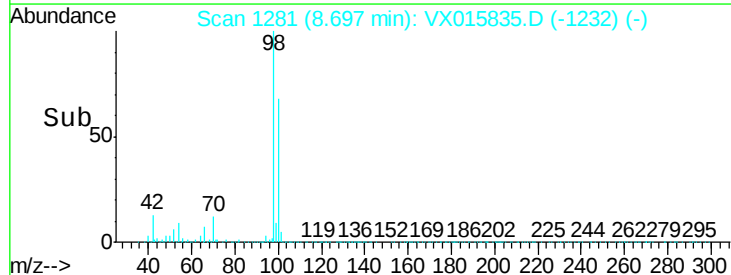
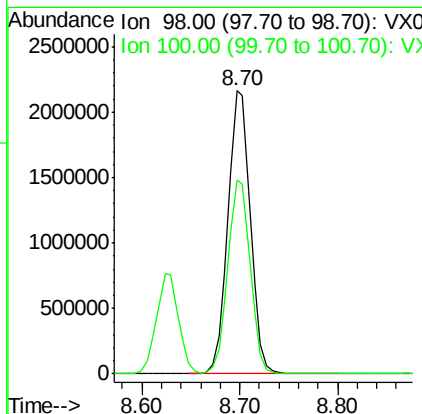
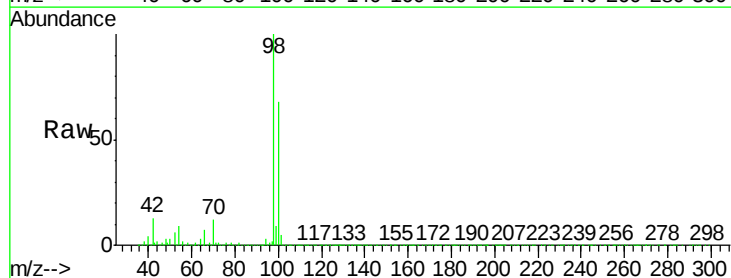
RT: 8.70 min Scan# 1281

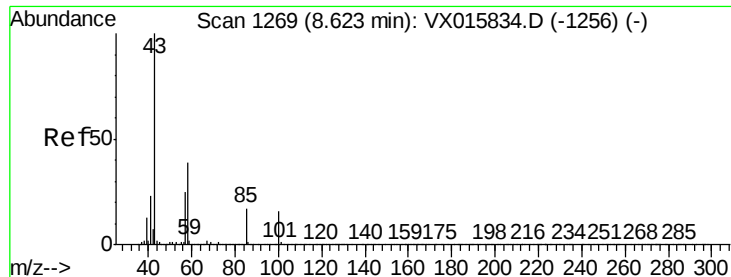
Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Tgt Ion:	98	Resp:	3433692
Ion Ratio	Lower	Upper	
98	100		
100	68.7	53.8	80.6





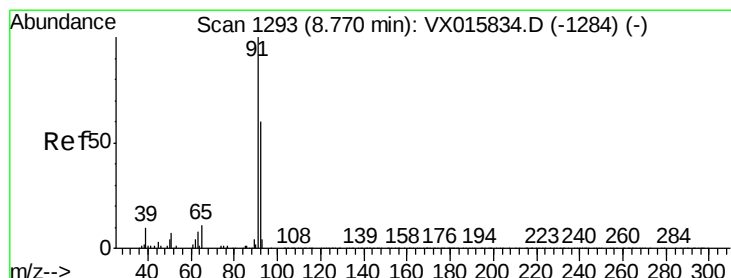
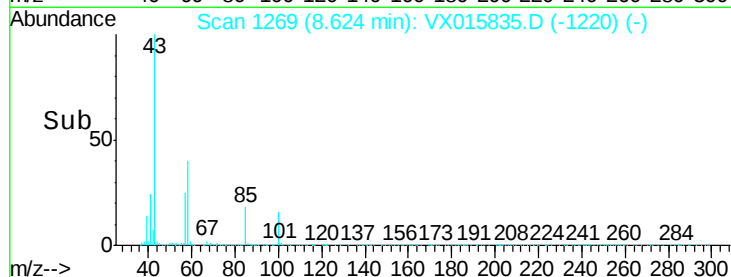
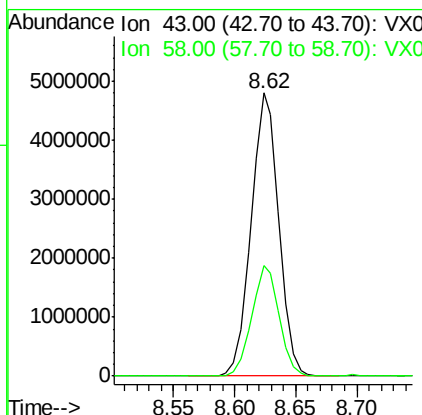
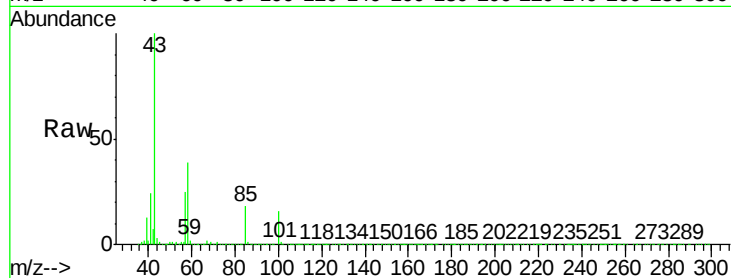
#51
4-Methyl-2-Pentanone
Concen: 503.229 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 7558288
Ion Ratio Lower Upper
43 100
58 38.7 30.6 45.8

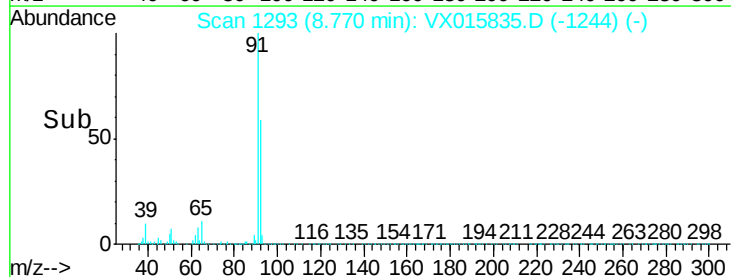
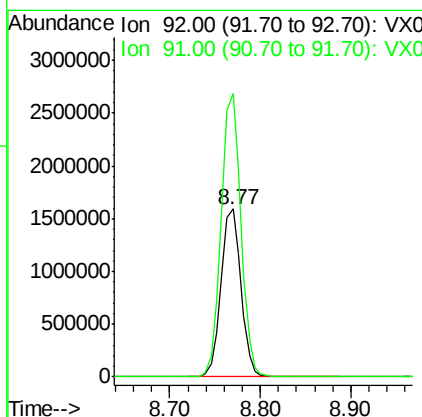
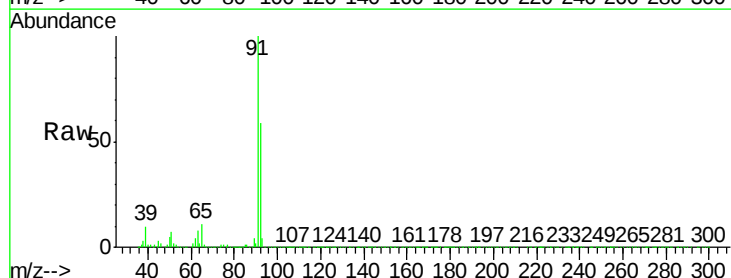
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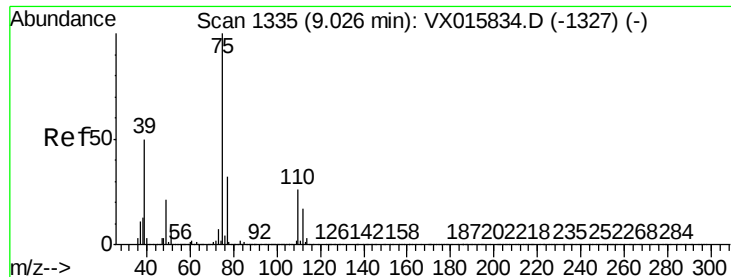
MMDadoda
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#52
Toluene
Concen: 96.856 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion: 92 Resp: 2443251
Ion Ratio Lower Upper
92 100
91 168.1 133.4 200.0





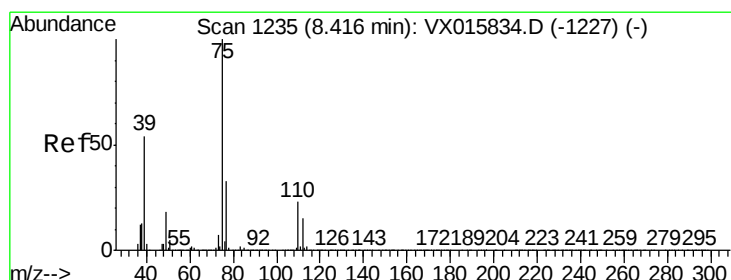
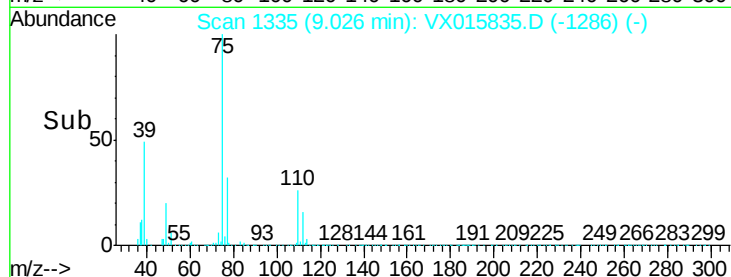
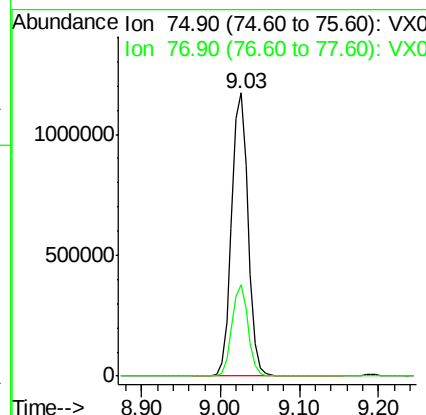
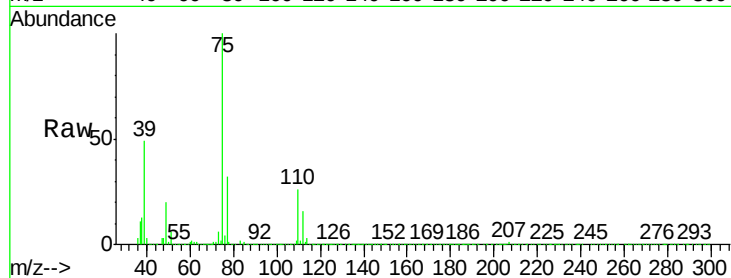
#53
t-1,3-Dichloropropene
Concen: 104.616 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion: 75 Resp: 1695061
Ion Ratio Lower Upper
75 100
77 32.3 25.9 38.9

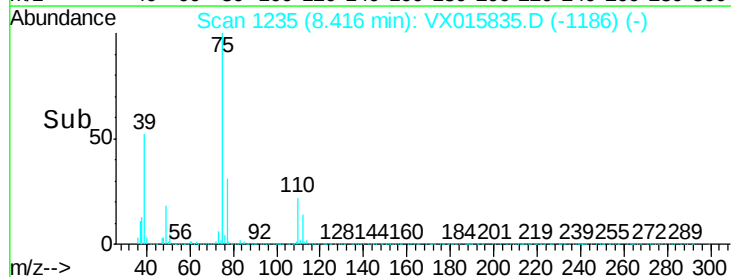
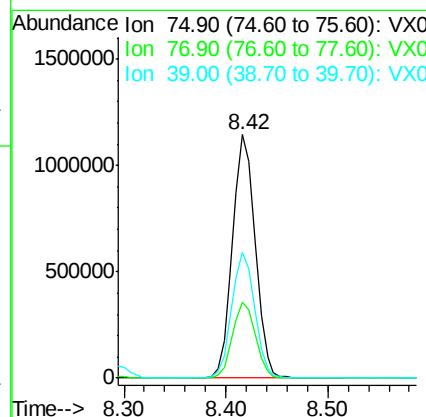
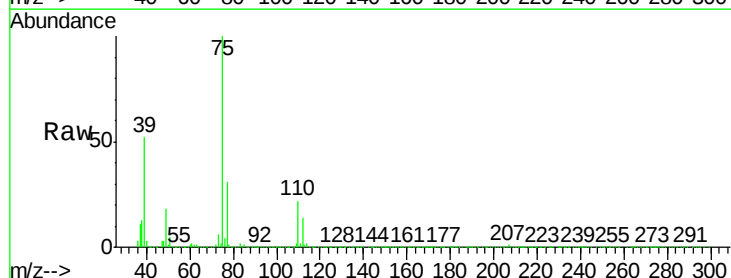
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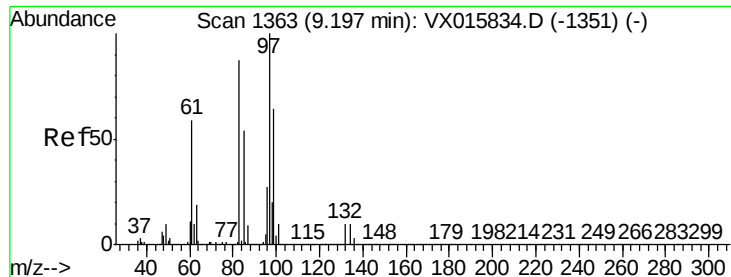
MMDadoda
4/23/2020 11:58:12 AM



#54
cis-1,3-Dichloropropene
Concen: 102.168 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion: 75 Resp: 1764467
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0
39 51.7 42.8 64.2





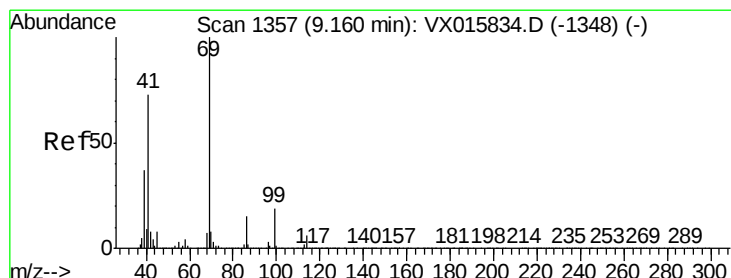
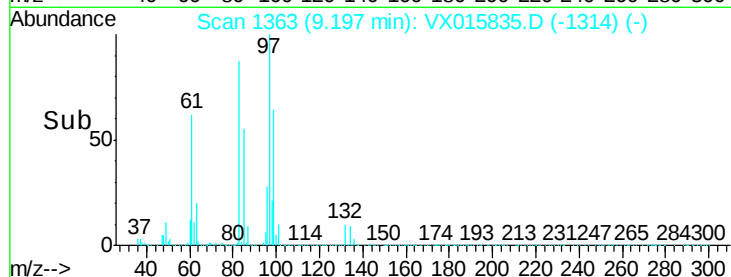
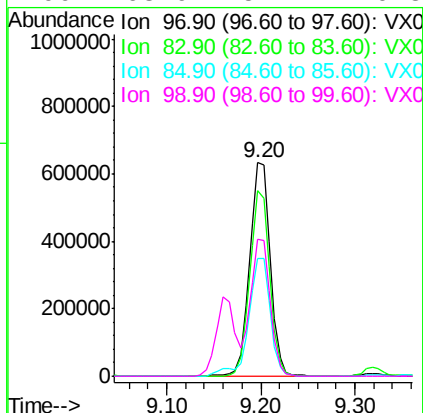
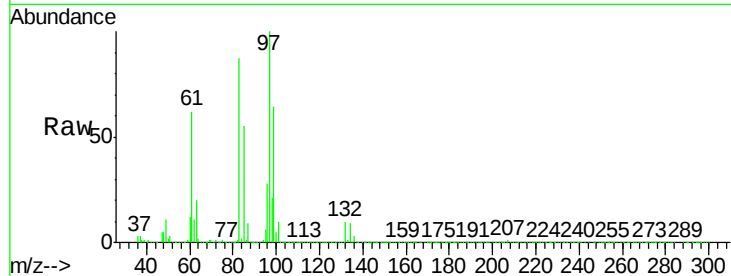
#55
 1,1,2-Trichloroethane
 Concen: 100.274 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		974970		
83	87.1	69.8	104.8		
85	55.2	43.4	65.2		
99	63.9	51.2	76.8		

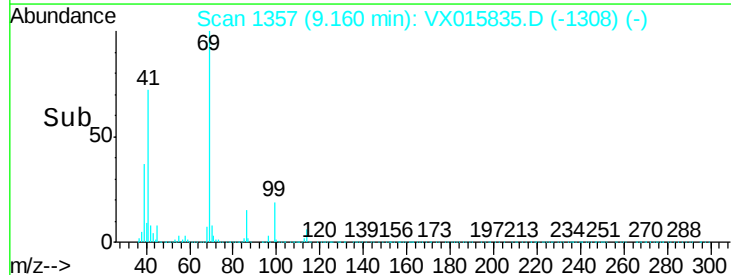
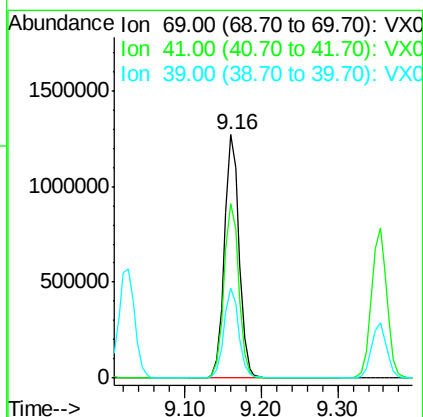
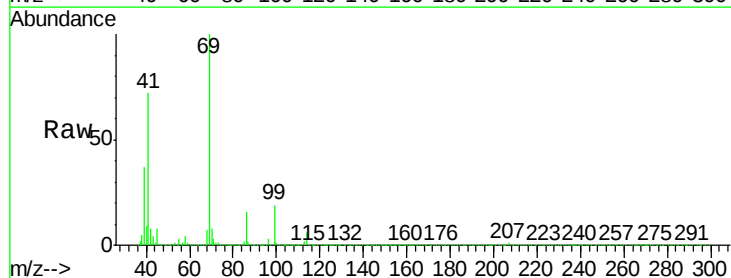
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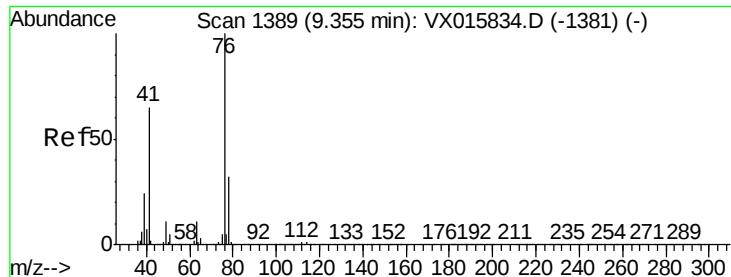
MMDadoda
 4/23/2020 11:58:12 AM



#56
 Ethyl methacrylate
 Concen: 103.331 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		1684116		
41	72.5	57.4	86.2		
39	37.3	29.7	44.5		





#57

1,3-Dichloropropane

Concen: 100.300 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

Tot Ion: 76 Resp: 1697982

Ion Ratio Lower Upper

76 100

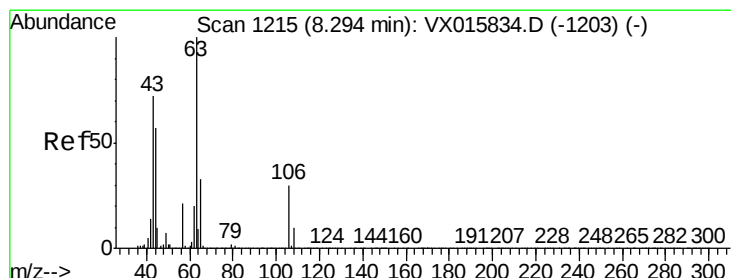
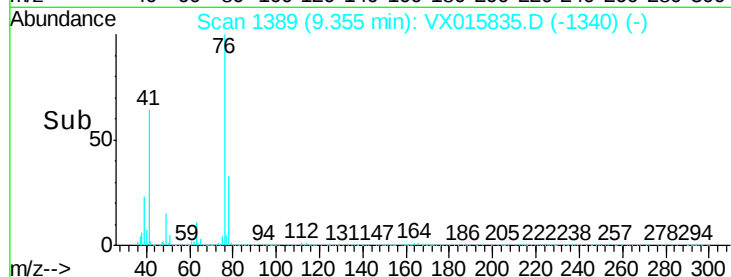
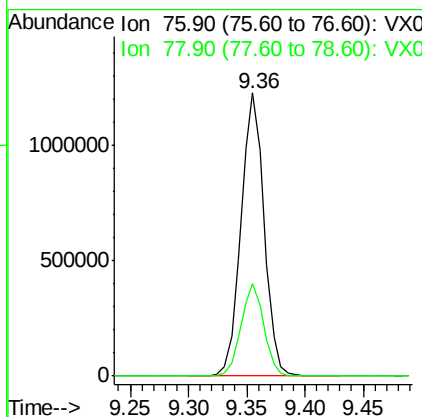
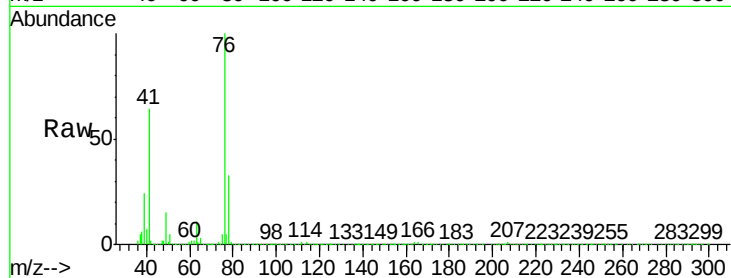
78 32.2 25.4 38.2

Manual Integrations

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4/23/2020 11:58:12 AM



#58

2-Chloroethyl Vinyl ether

Concen: 507.282 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015835.D

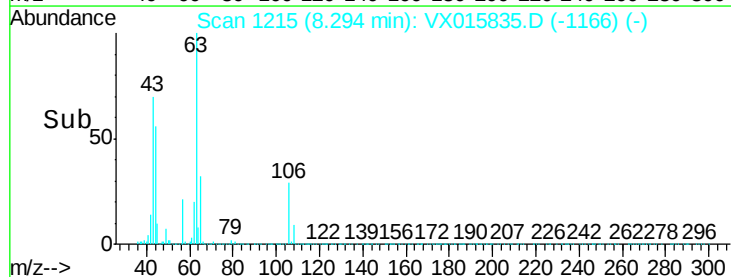
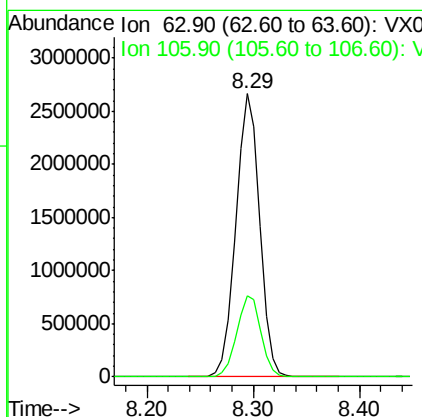
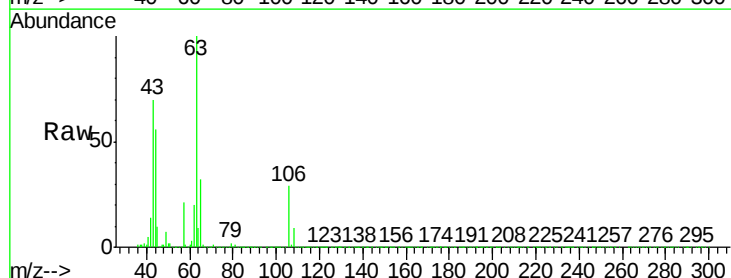
Acq: 22 Apr 2020 11:29

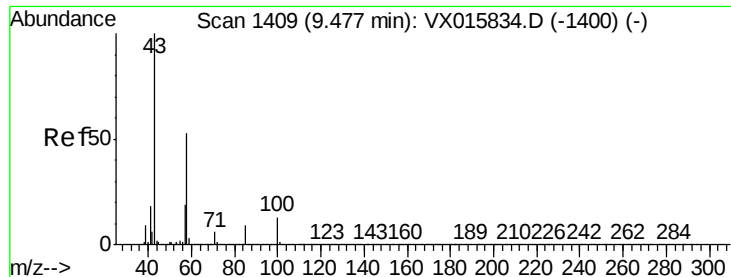
Tgt Ion: 63 Resp: 4173154

Ion Ratio Lower Upper

63 100

106 29.2 23.8 35.8





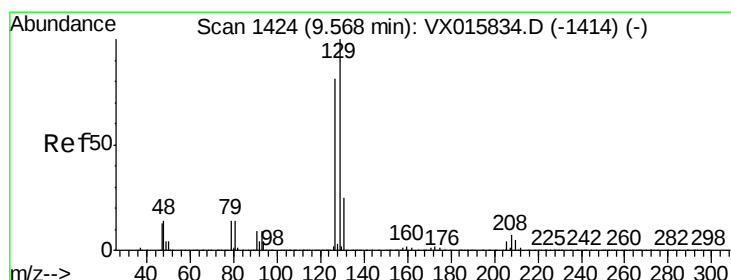
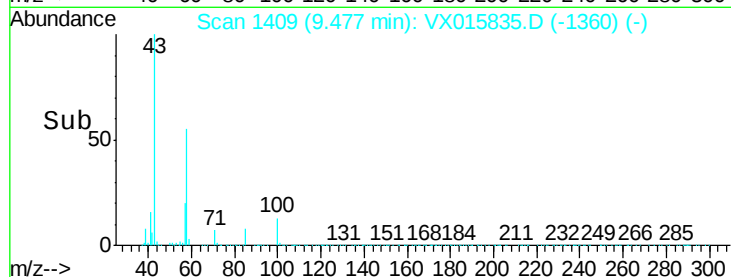
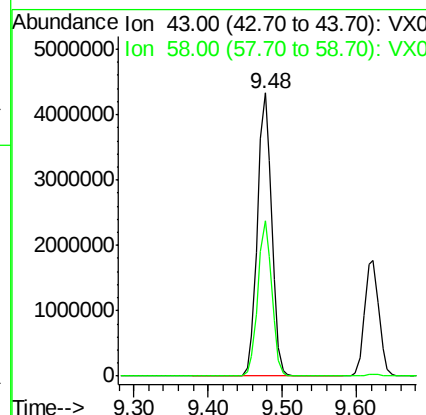
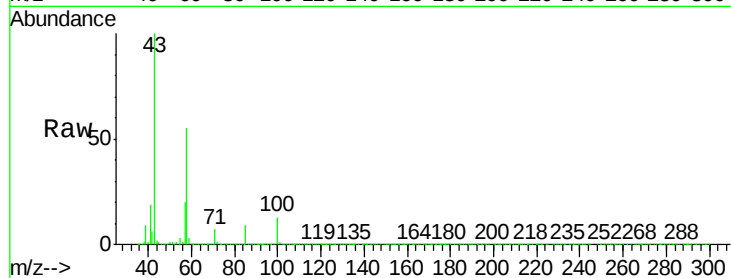
#59
2-Hexanone
Concen: 516.464 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 5850908
Ion Ratio Lower Upper
43 100
58 53.8 26.5 79.4

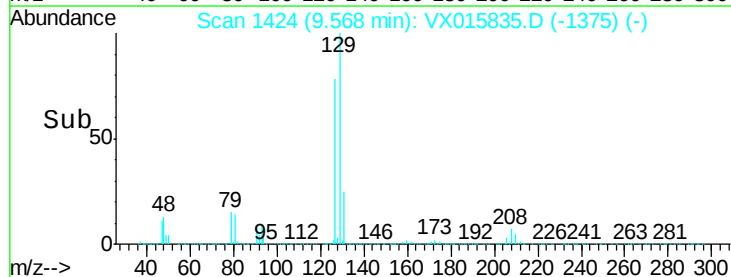
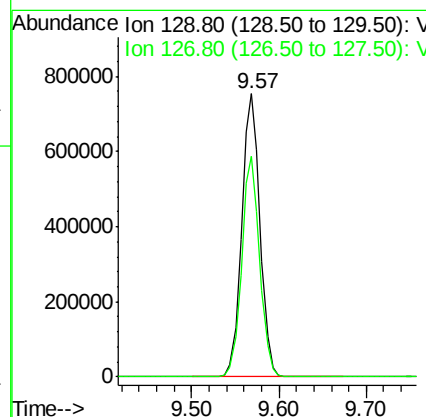
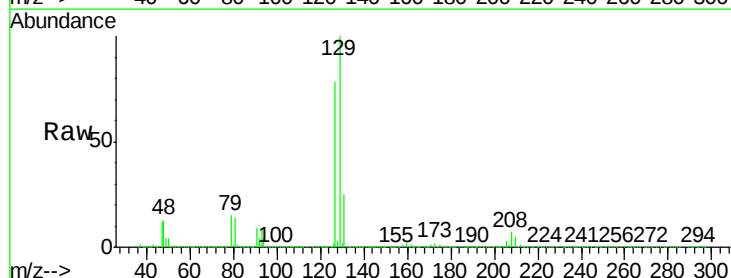
Manual Integrations
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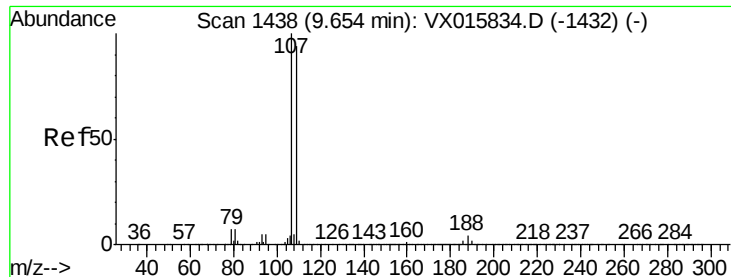
MMDadoda
4/23/2020 11:58:12 AM



#60
Dibromochloromethane
Concen: 115.291 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion: 129 Resp: 1096487
Ion Ratio Lower Upper
129 100
127 76.8 40.0 120.0





#61

1,2-Dibromoethane

Concen: 98.331 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 1067440

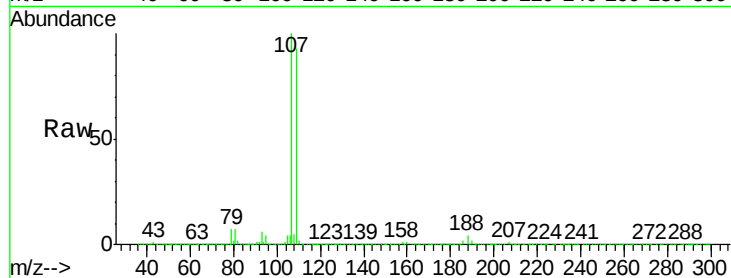
Ion Ratio Lower Upper

107 100

109 93.9 75.4 113.0

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4/23/2020 11:58:12 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

800000

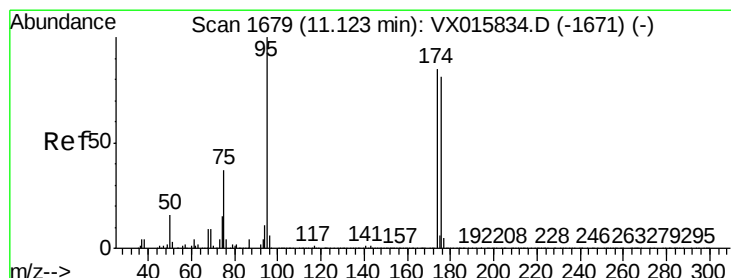
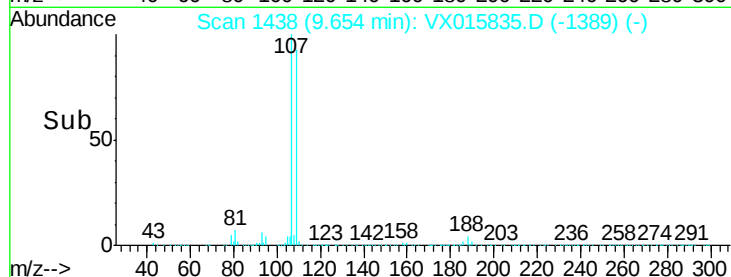
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 92.449 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

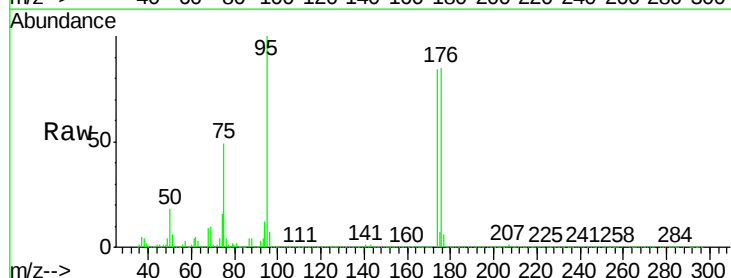
Tgt Ion: 95 Resp: 1424129

Ion Ratio Lower Upper

95 100

174 85.6 0.0 172.4

176 83.3 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

11.12

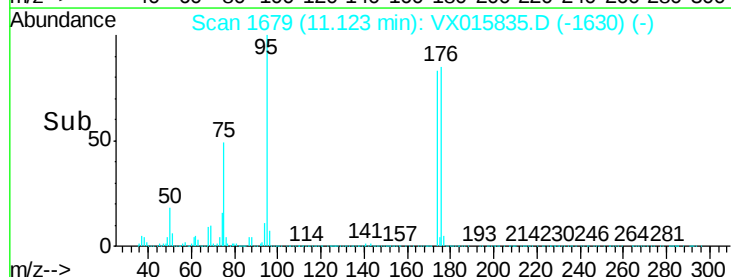
1500000

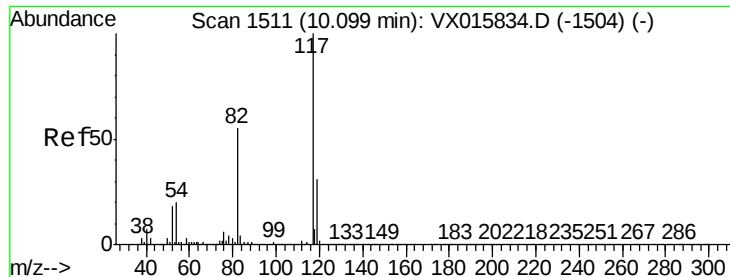
1000000

500000

0

Time-->





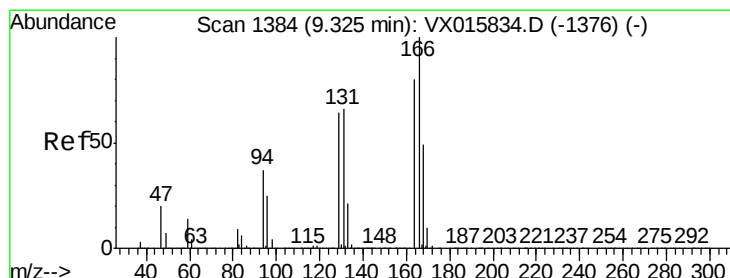
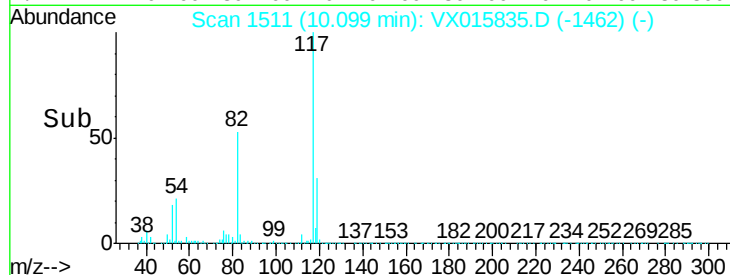
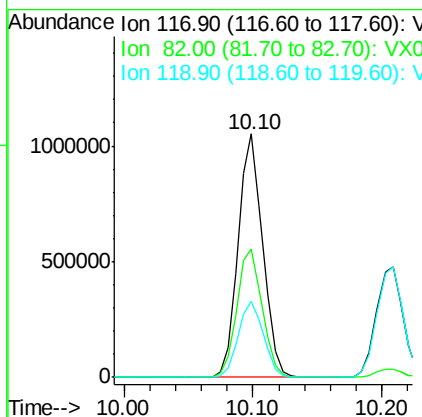
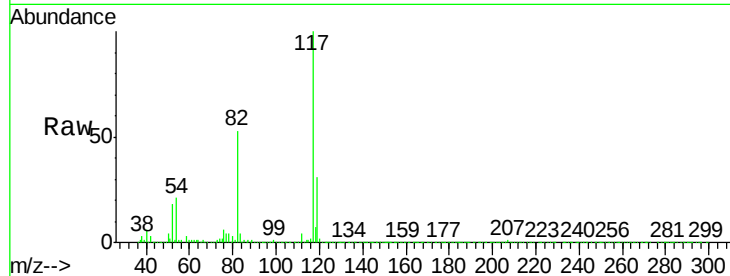
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.9	65.9
119	31.2	25.1	37.7

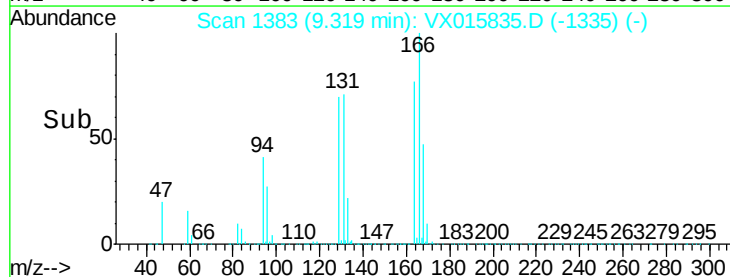
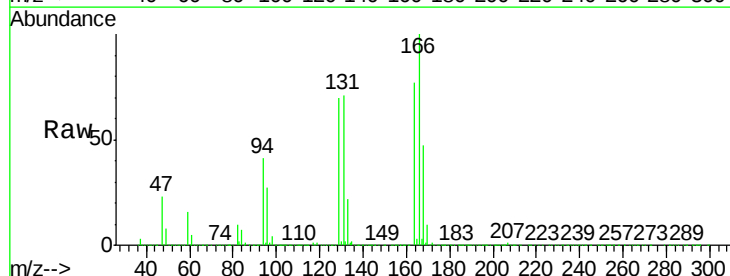
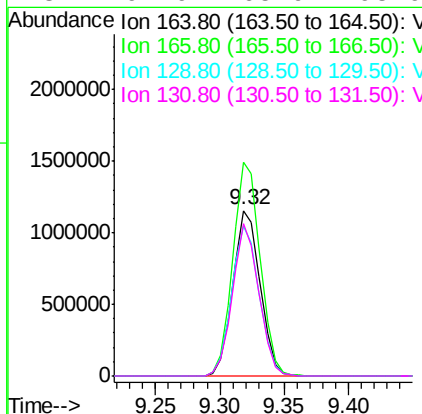
Manual Integrations
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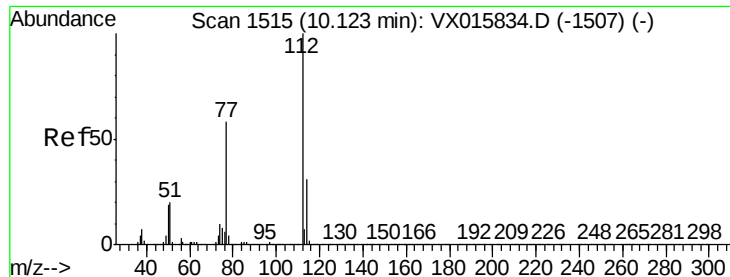
MMDadoda
4/23/2020 11:58:12 AM



#64
Tetrachloroethene
Concen: 87.993 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	100.2	150.2
129	90.8	64.5	96.7
131	91.9	65.9	98.9





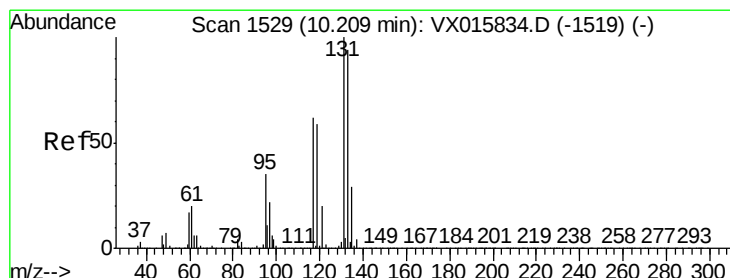
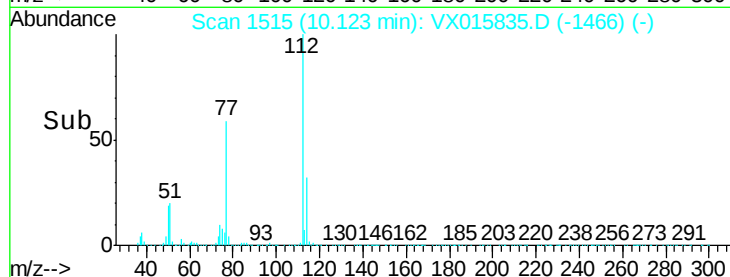
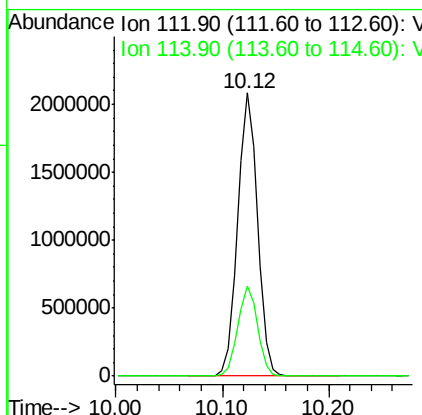
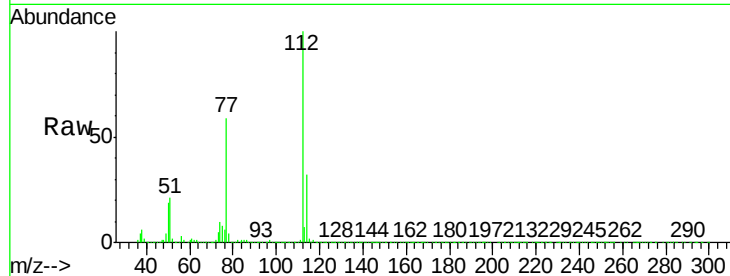
#65
Chlorobenzene
Concen: 97.607 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 2733754
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

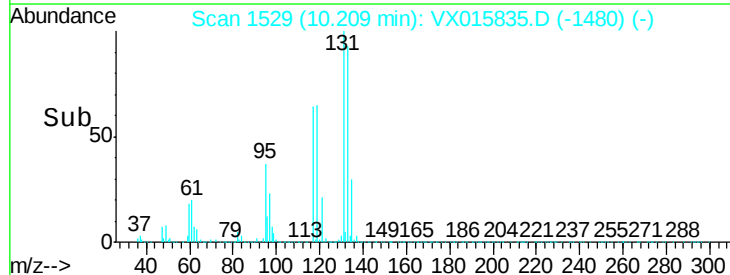
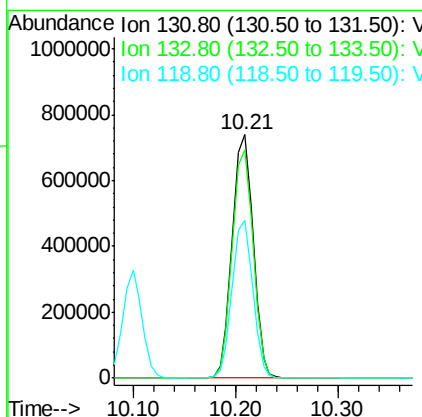
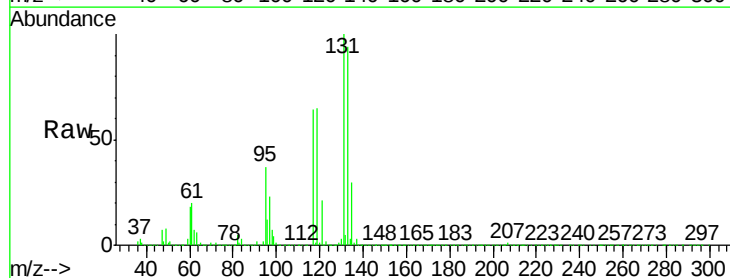
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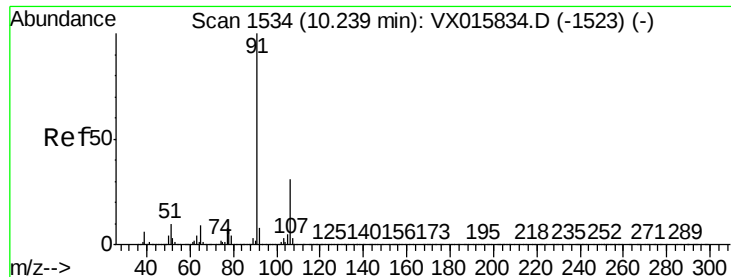
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 101.852 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion:131 Resp: 1046366
Ion Ratio Lower Upper
131 100
133 93.7 47.0 141.2
119 63.7 30.9 92.8





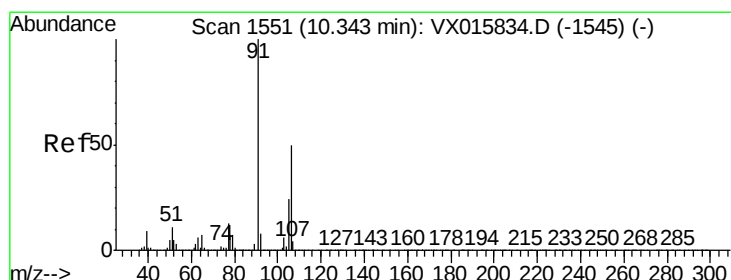
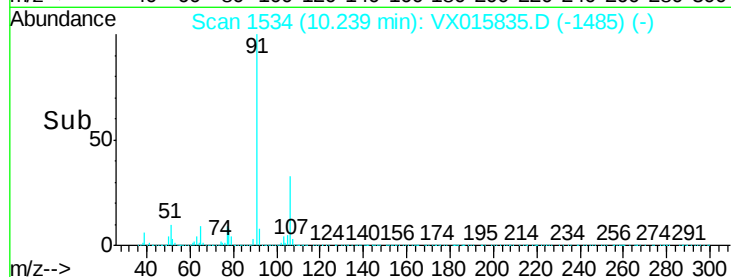
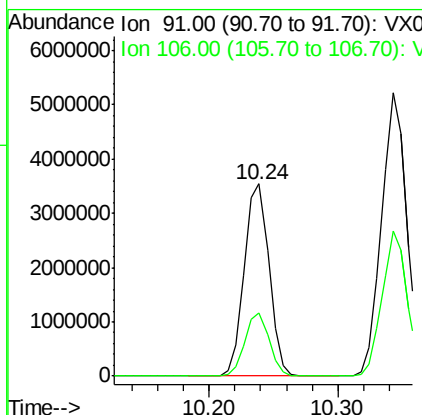
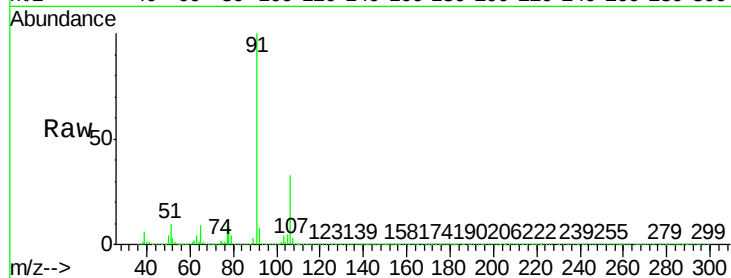
#67
Ethyl Benzene
Concen: 94.884 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 91 Resp: 4700189
Ion Ratio Lower Upper
91 100
106 32.9 25.0 37.4

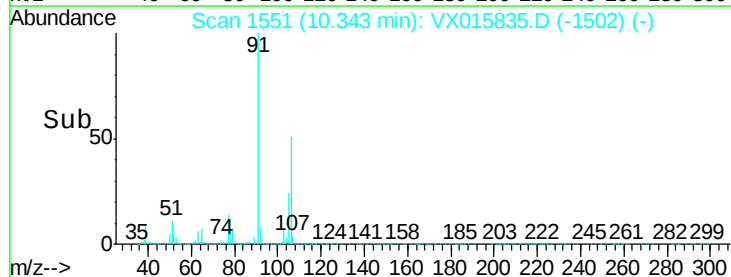
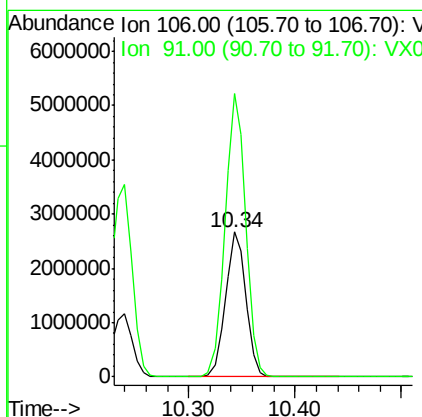
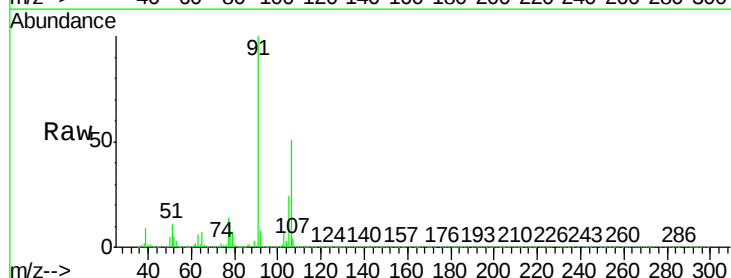
Manual Integrations
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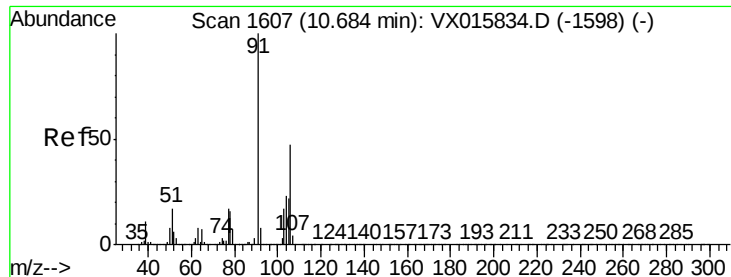
MMDadoda
4/23/2020 11:58:12 AM



#68
m/p-Xylenes
Concen: 193.241 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion: 106 Resp: 3577754
Ion Ratio Lower Upper
106 100
91 197.0 161.1 241.7





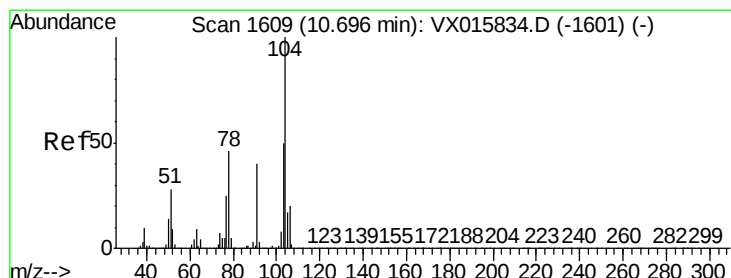
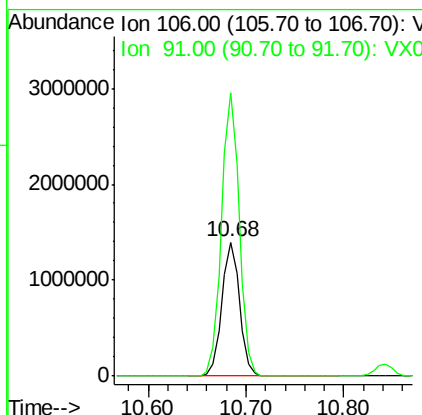
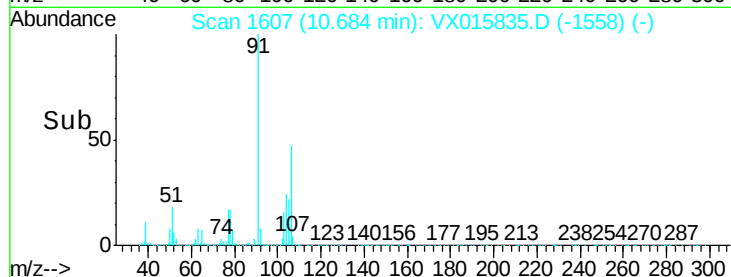
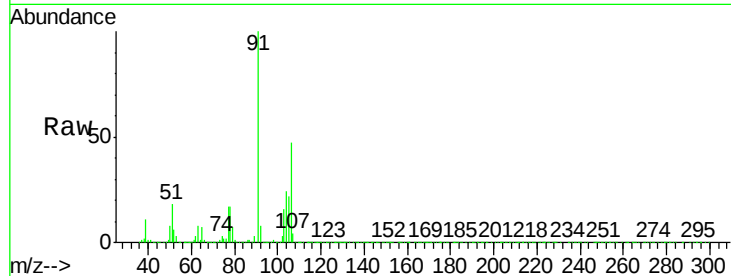
#69
o-Xylene
Concen: 96.672 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 1756914
Ion Ratio Lower Upper
106 100
91 211.6 107.1 321.3

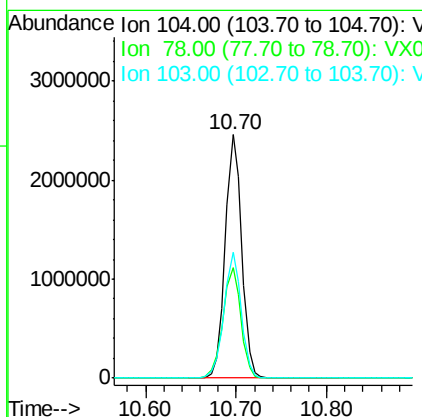
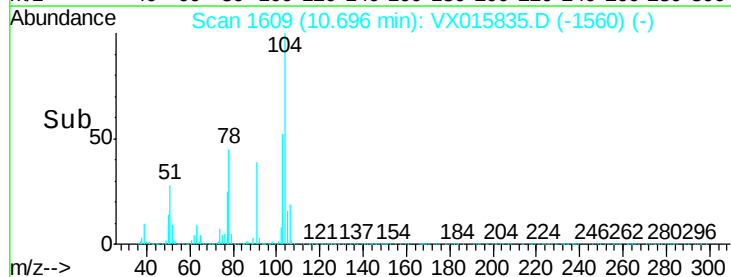
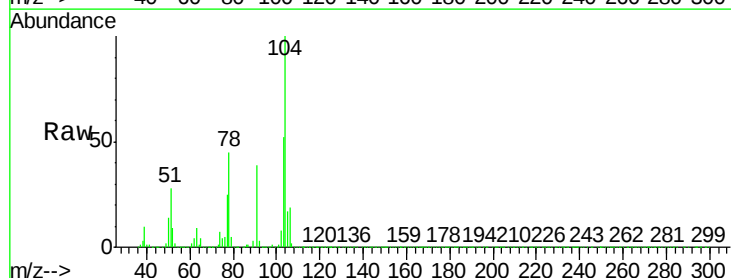
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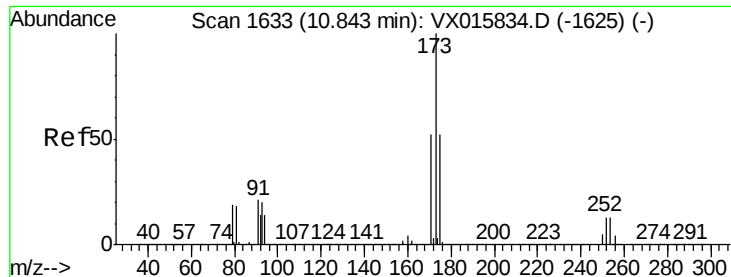
MMDadoda
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#70
Styrene
Concen: 99.356 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion:104 Resp: 3104027
Ion Ratio Lower Upper
104 100
78 49.8 40.1 60.1
103 54.2 43.3 64.9





#71

Bromoform

Concen: 135.778 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:173 Resp: 802830

Ion Ratio Lower Upper

173 100

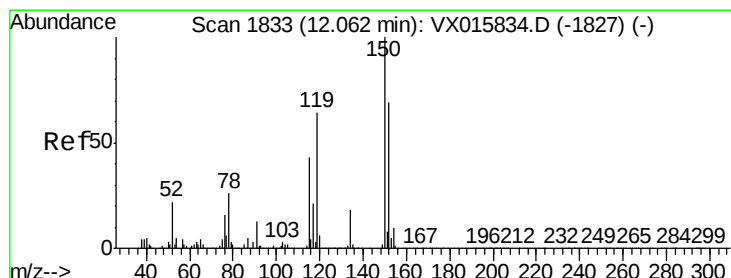
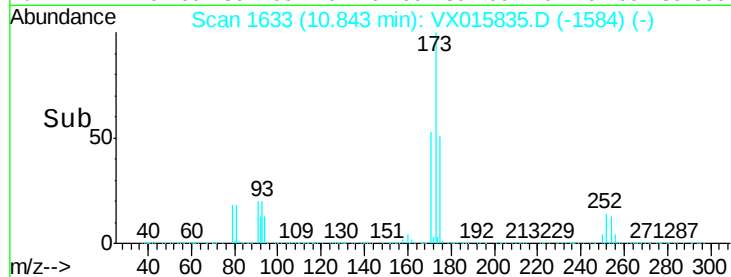
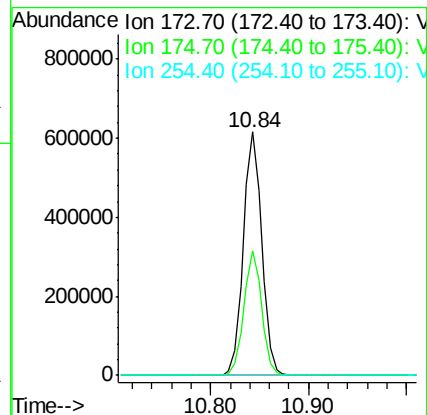
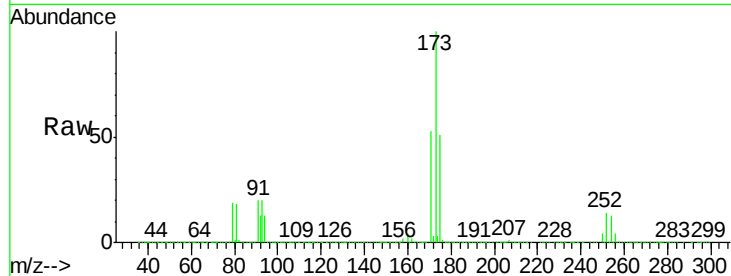
175 49.4 25.1 75.4

254 0.2 0.3 0.5

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

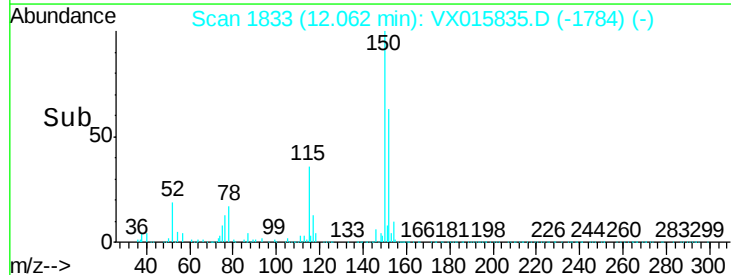
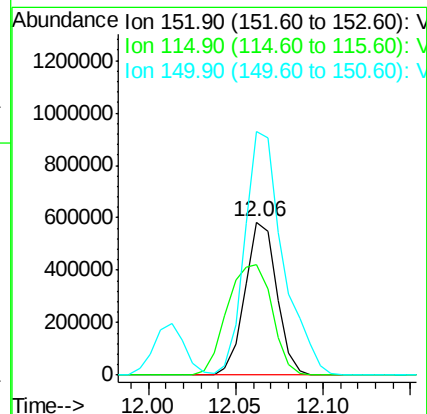
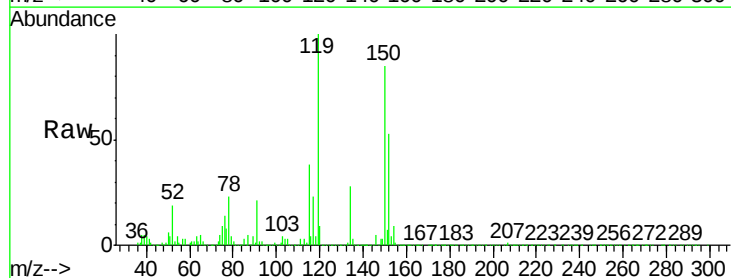
Tgt Ion:152 Resp: 735040

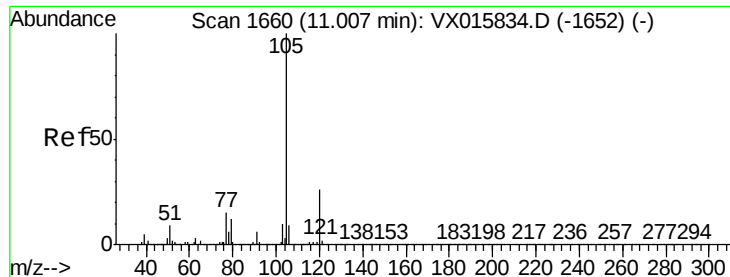
Ion Ratio Lower Upper

152 100

115 101.6 39.0 116.9

150 192.6 0.0 336.8





#73

Isopropylbenzene

Concen: 100.041 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 4700601

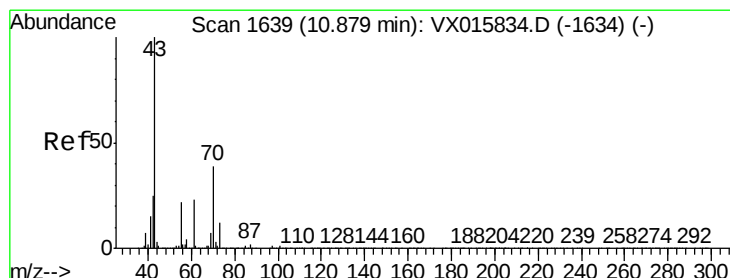
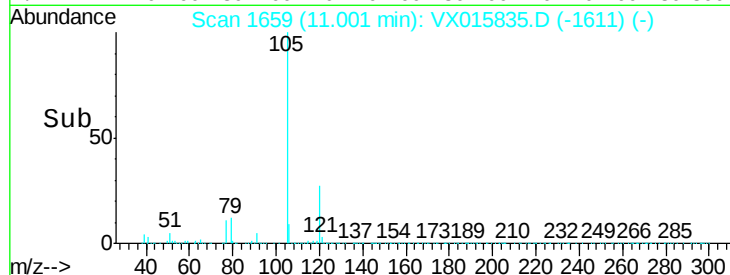
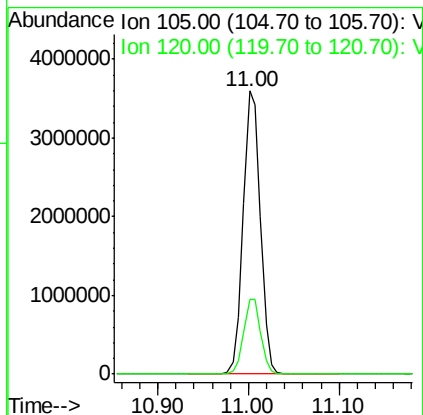
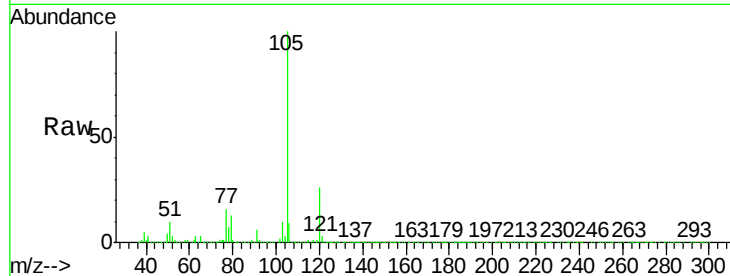
Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1

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#74

N-ethyl acetate

Concen: 101.858 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Tgt Ion: 43 Resp: 2439041

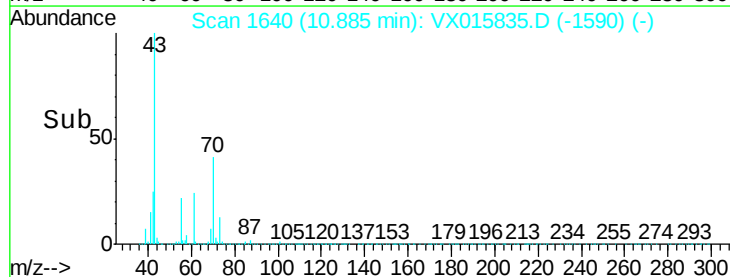
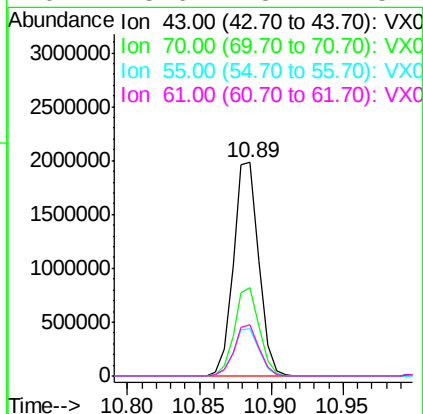
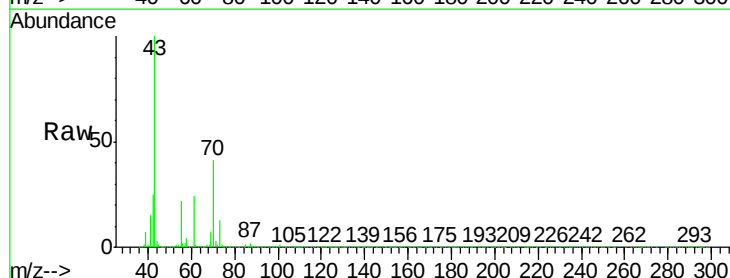
Ion Ratio Lower Upper

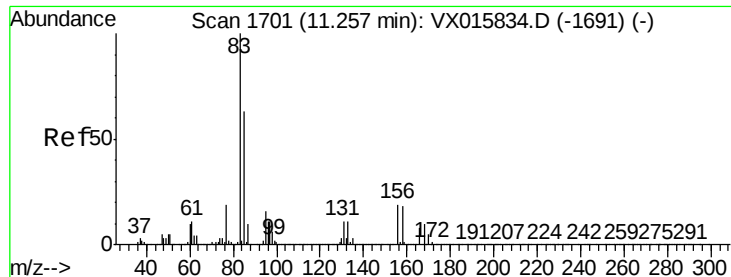
43 100

70 40.6 32.6 49.0

55 22.4 18.3 27.5

61 23.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 107.186 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 83 Resp: 1037806

Ion Ratio Lower Upper

83 100

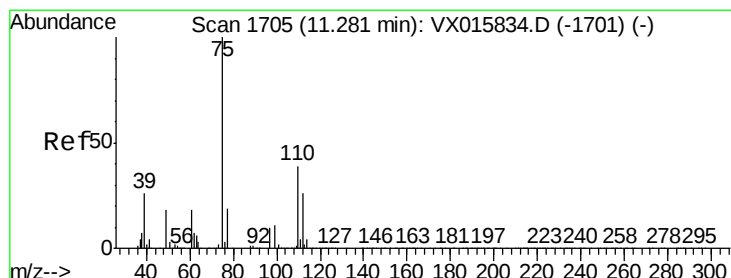
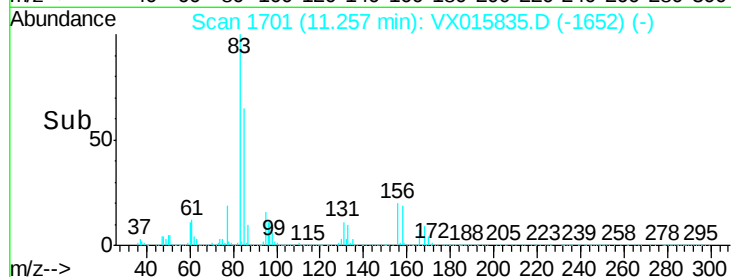
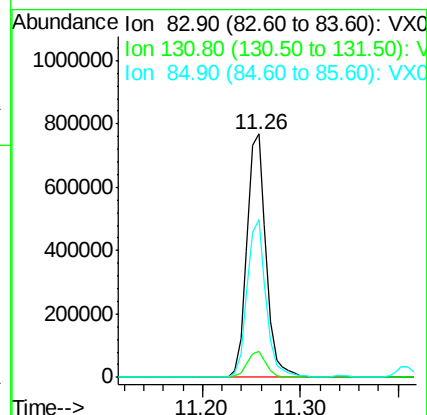
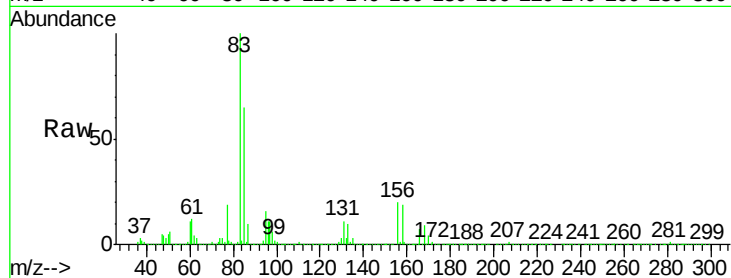
131 10.7 5.5 16.4

85 64.2 32.4 97.0

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#76

1,2,3-Trichloropropane

Concen: 82.952 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015835.D

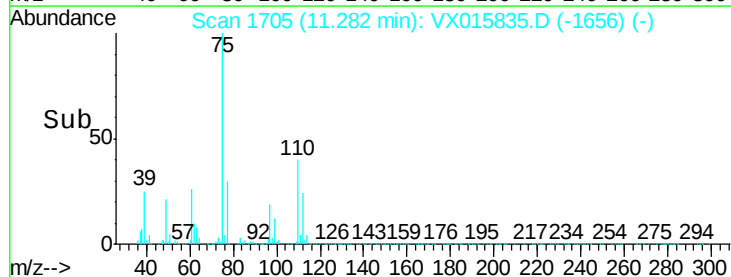
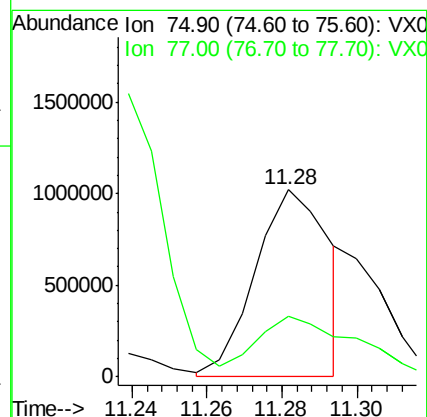
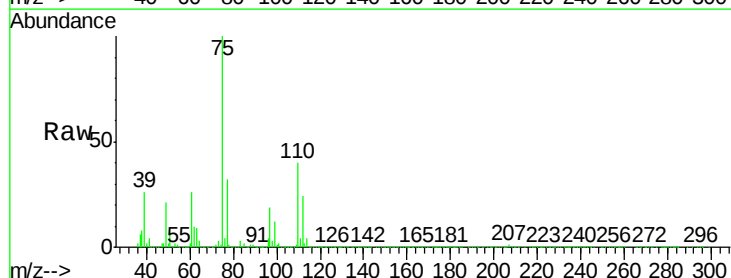
Acq: 22 Apr 2020 11:29

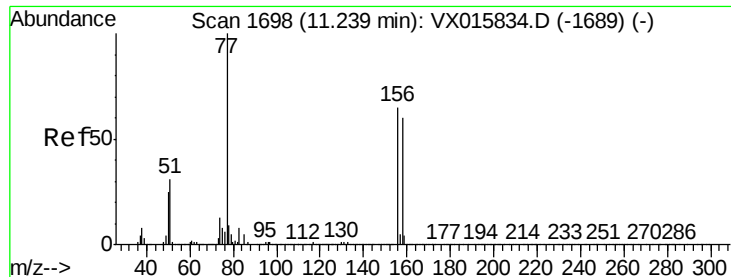
Tgt Ion: 75 Resp: 1406934

Ion Ratio Lower Upper

75 100

77 43.3 21.3 63.9





#77

Bromobenzene

Concen: 99.807 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 1270983

Ion Ratio Lower Upper

156 100

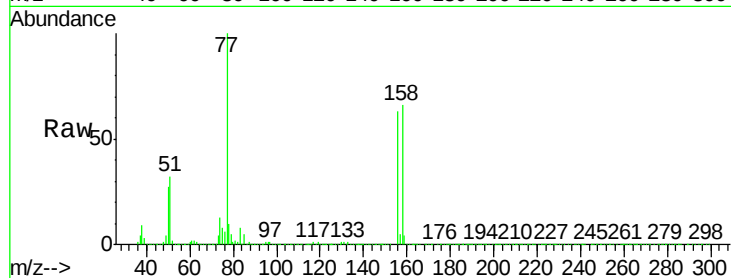
77 153.8 75.2 225.6

158 99.4 47.9 143.6

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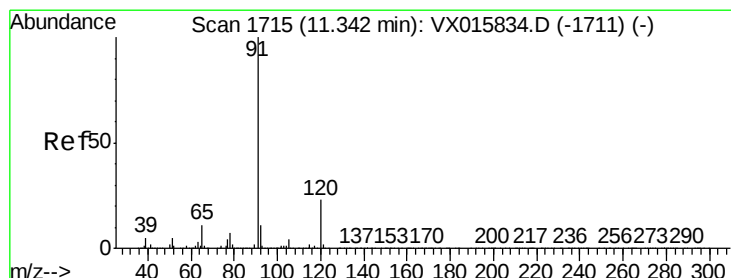
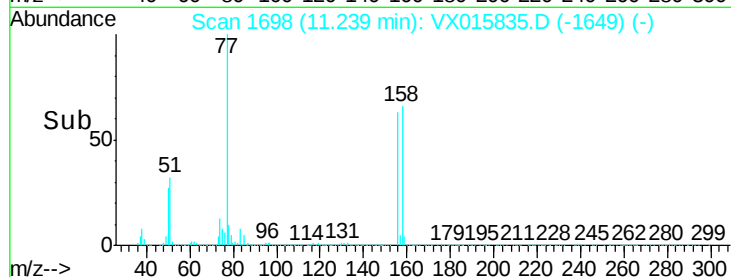
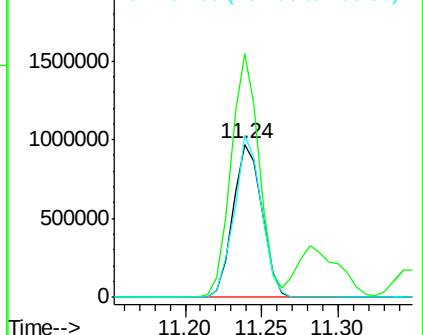


Abundance

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: 98.816 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VX015835.D

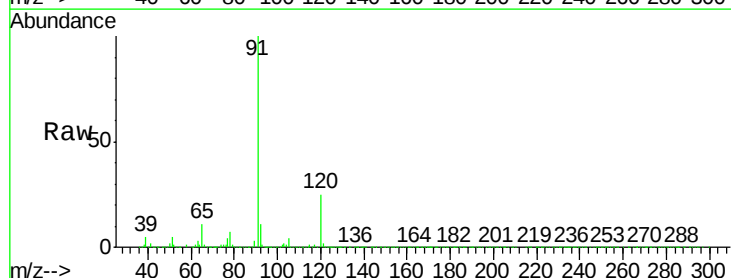
Acq: 22 Apr 2020 11:29

Tgt Ion: 91 Resp: 5324758

Ion Ratio Lower Upper

91 100

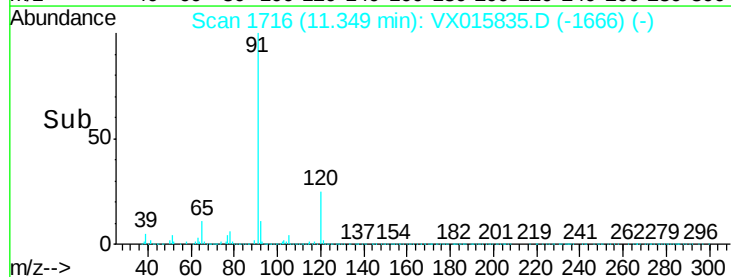
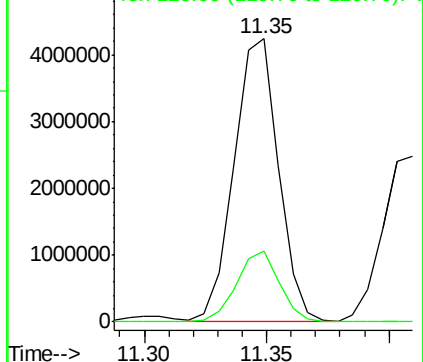
120 24.1 11.7 35.1

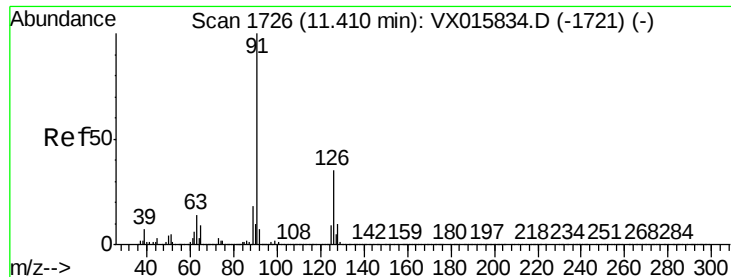


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 100.253 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 3216237

Ion Ratio Lower Upper

91 100

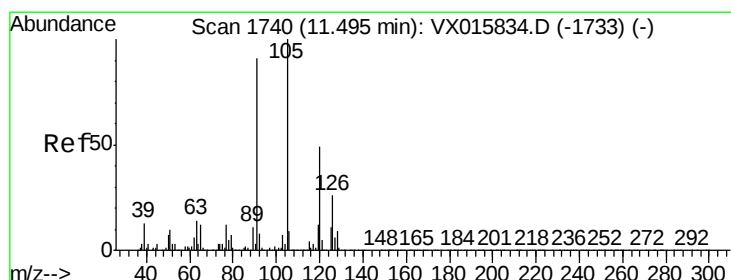
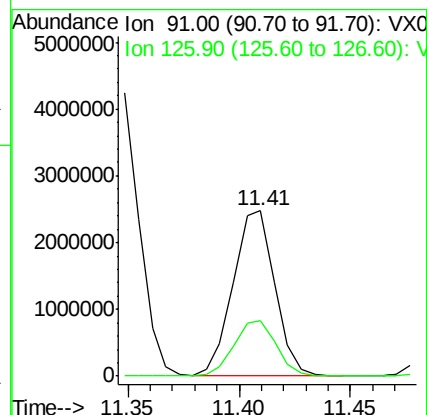
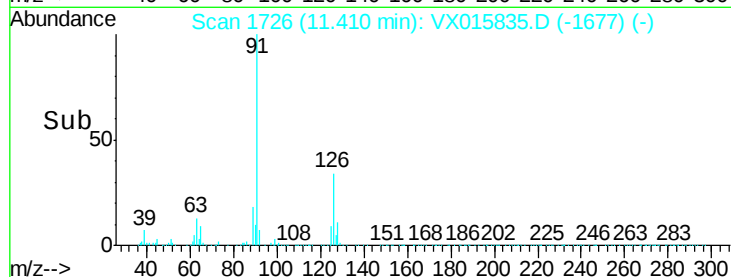
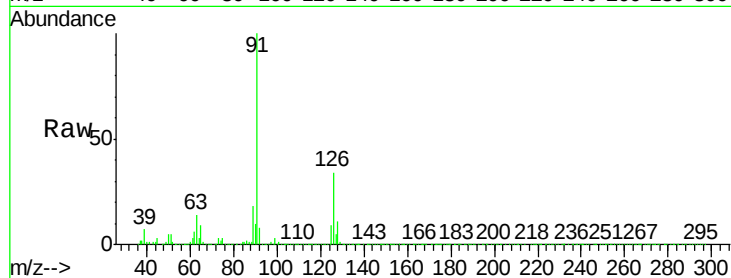
126 34.0 17.2 51.5

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#80

1,3,5-Trimethylbenzene

Concen: 101.381 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015835.D

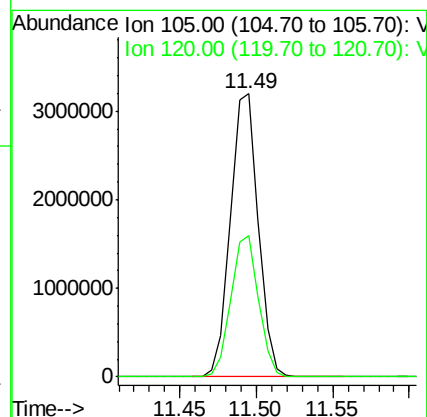
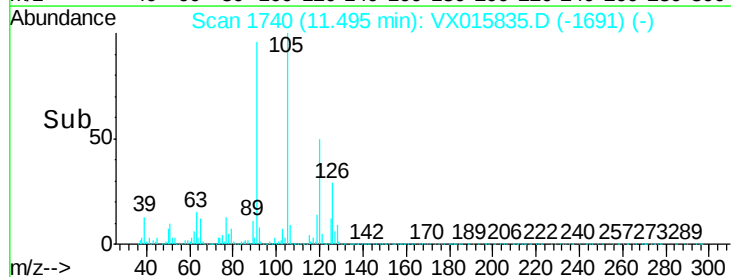
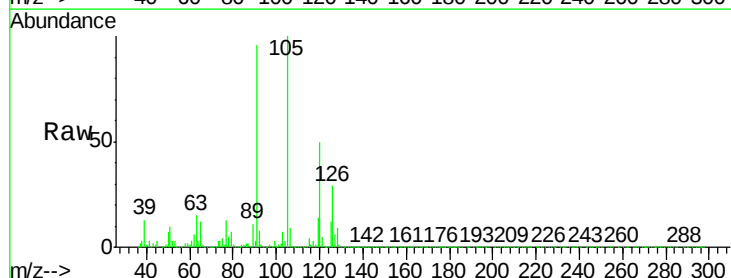
Acq: 22 Apr 2020 11:29

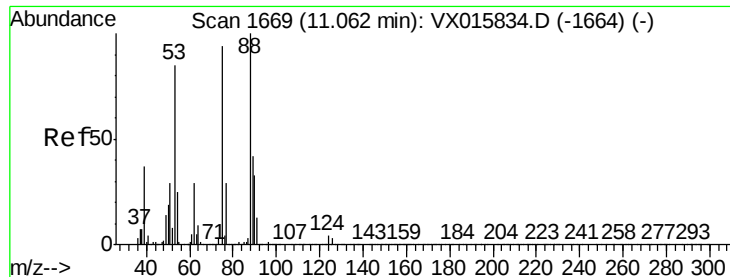
Tgt Ion: 105 Resp: 4025487

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.7





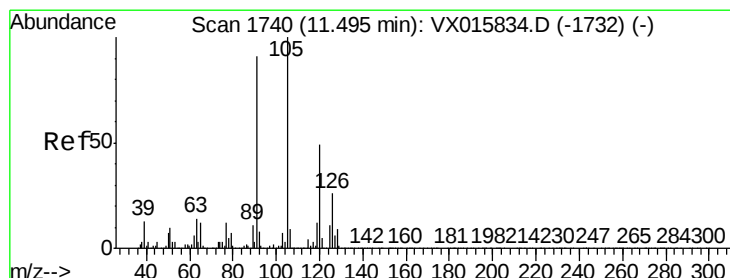
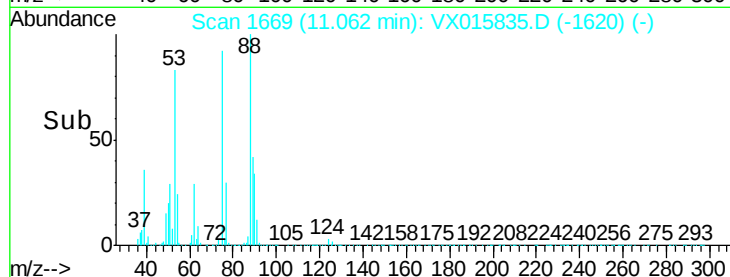
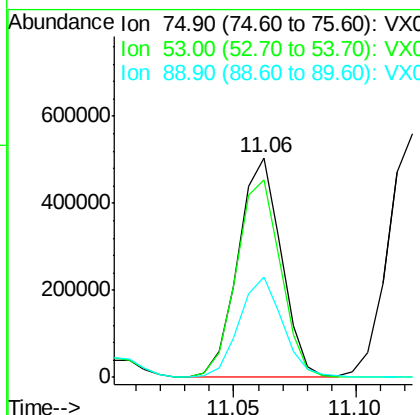
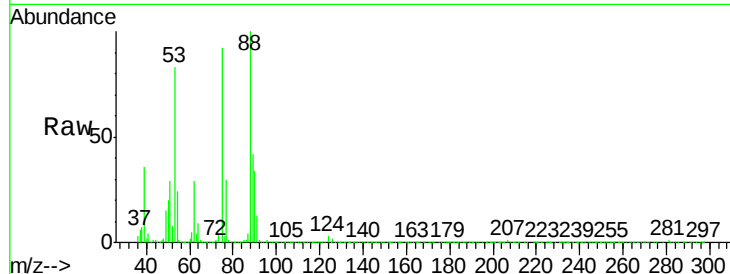
#81
trans-1,4-Dichloro-2-butene
Concen: 113.947 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.9	74.2	111.2
89	46.3	38.0	57.0

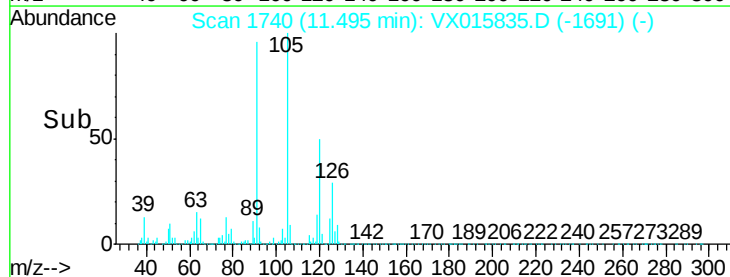
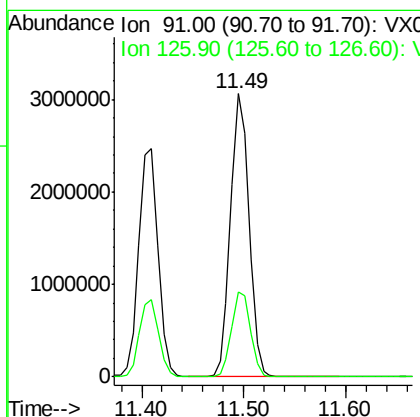
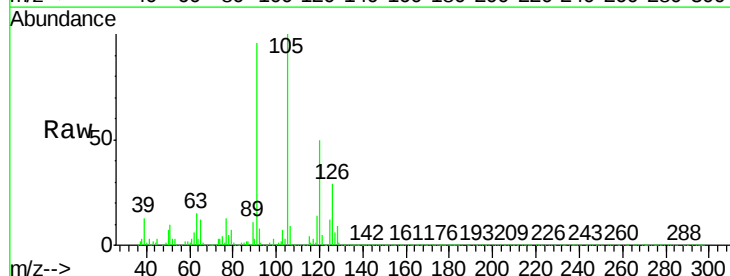
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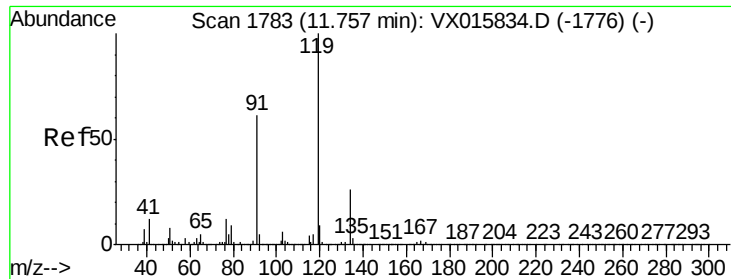
MMDadoda
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#82
4-Chlorotoluene
Concen: 100.167 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.0	45.0





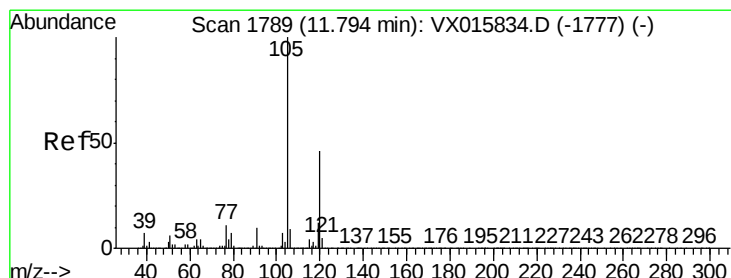
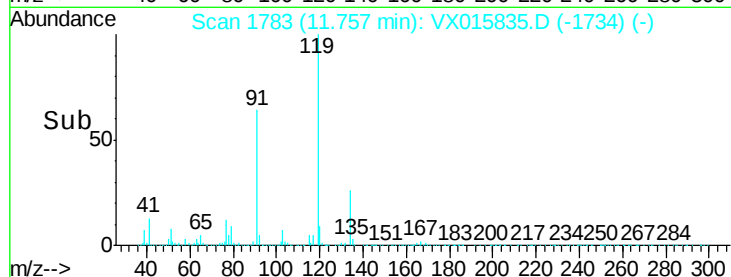
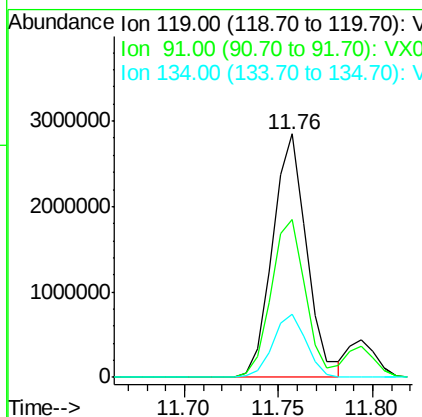
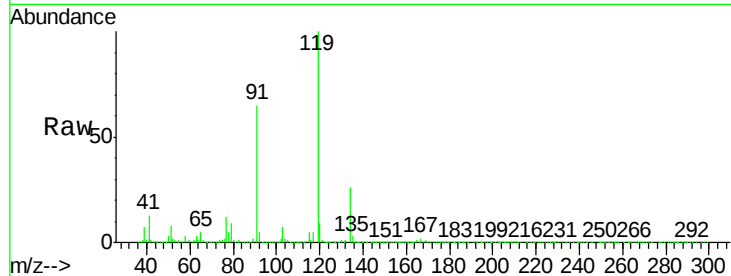
#83
tert-Butylbenzene
Concen: 100.855 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	30.9	92.7
134	25.2	12.4	37.2

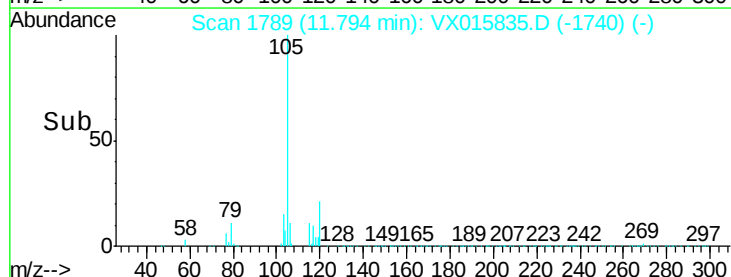
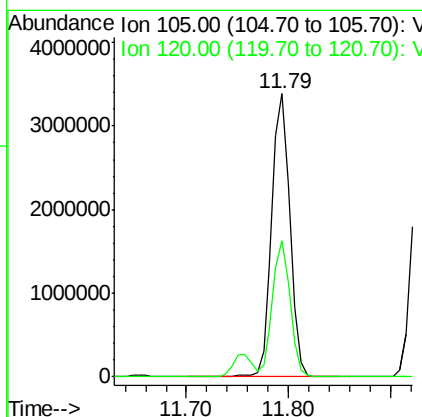
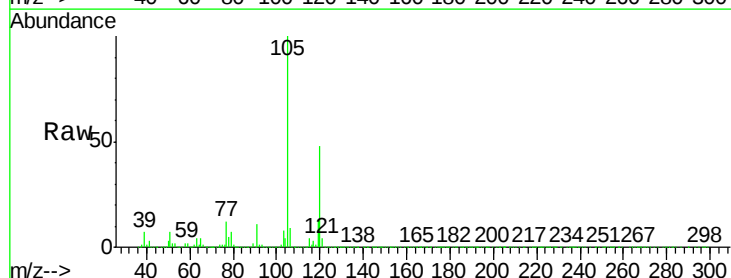
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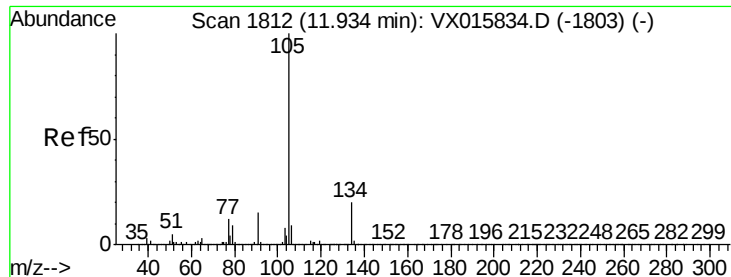
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#84
1,2,4-Trimethylbenzene
Concen: 100.659 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.9	68.7





#85

sec-Butylbenzene

Concen: 100.822 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 4703088

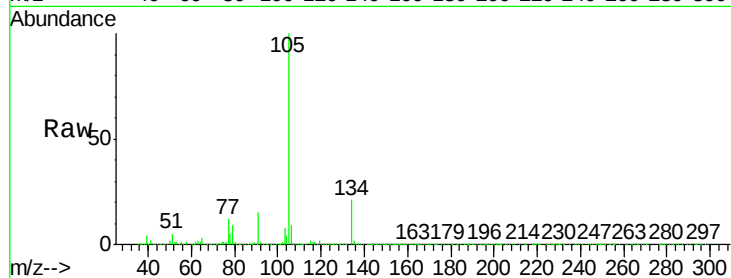
Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.8

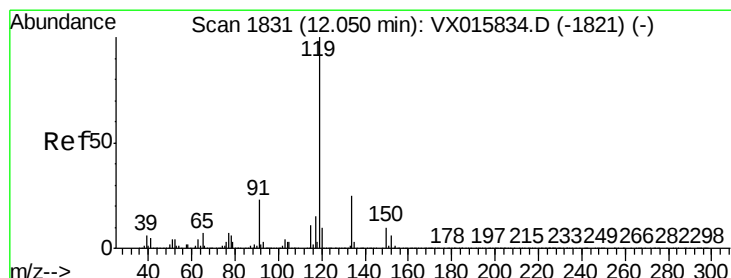
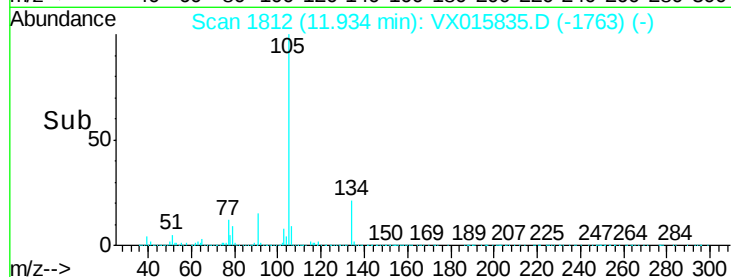
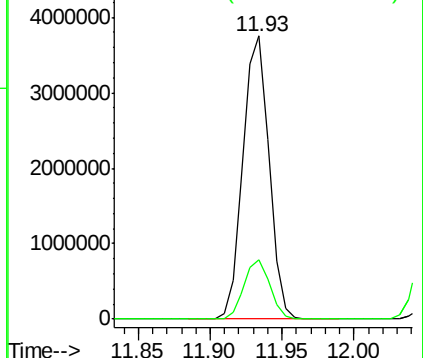
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 101.120 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

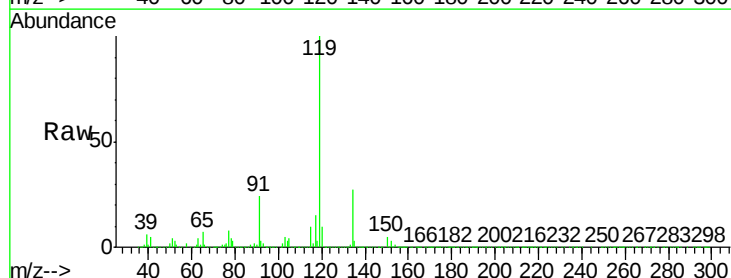
Tgt Ion:119 Resp: 4390937

Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

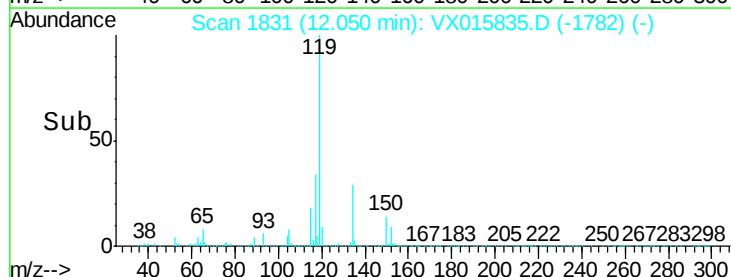
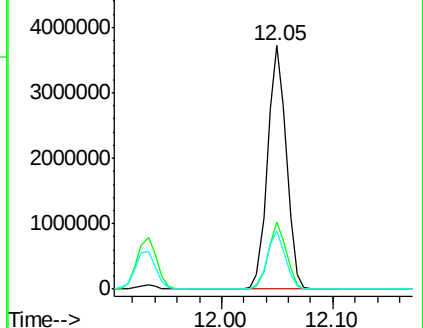
91 23.3 11.5 34.5

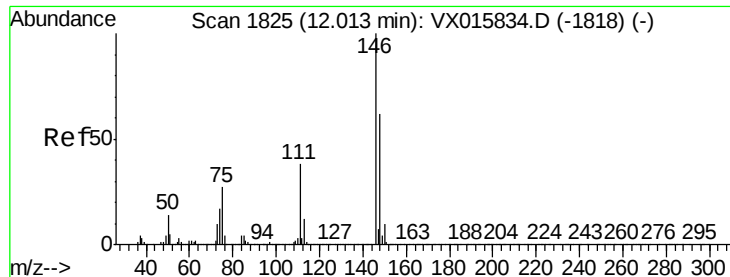


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





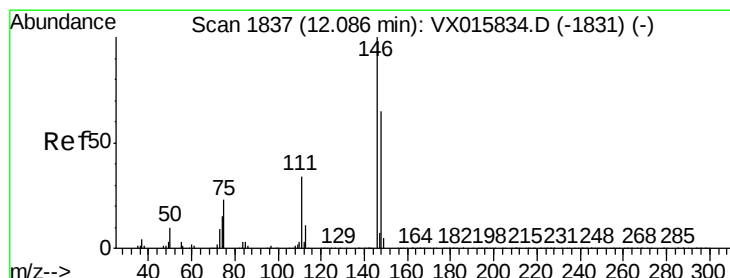
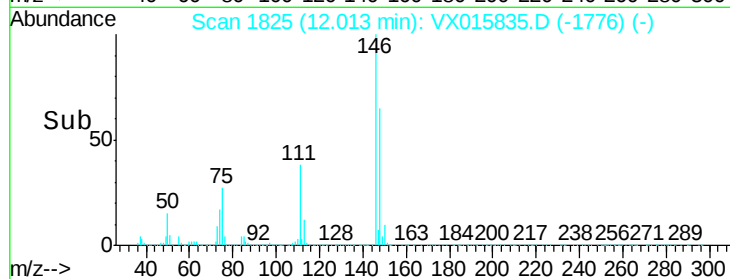
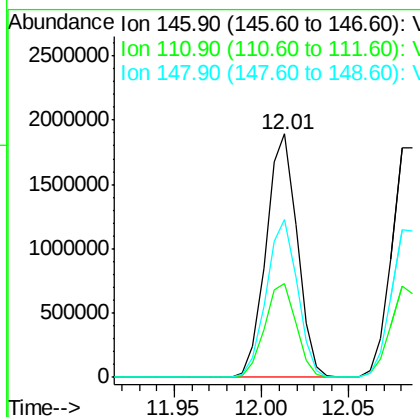
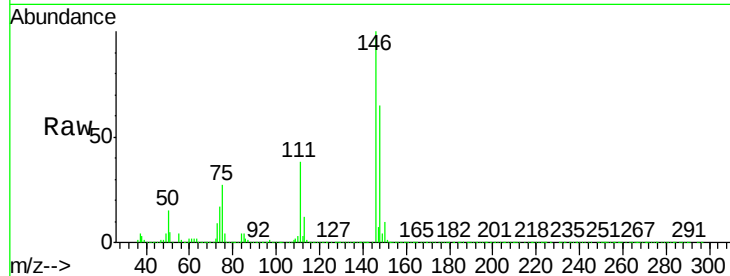
#87
 1,3-Dichlorobenzene
 Concen: 100.045 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	64.4	30.9	92.7

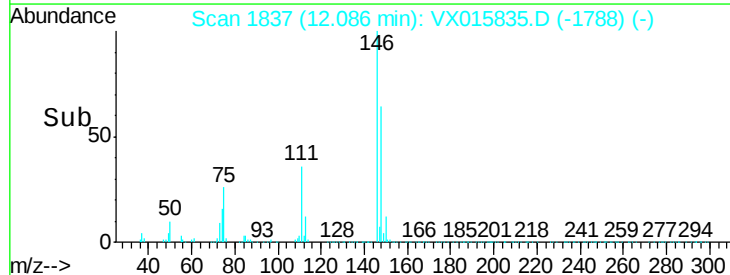
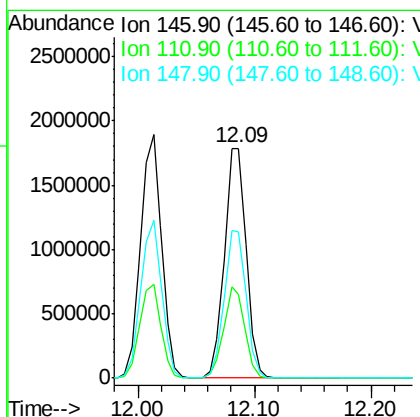
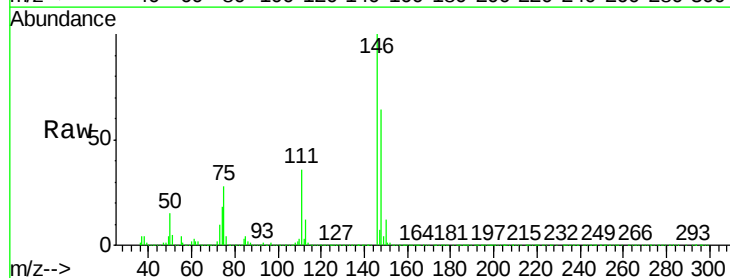
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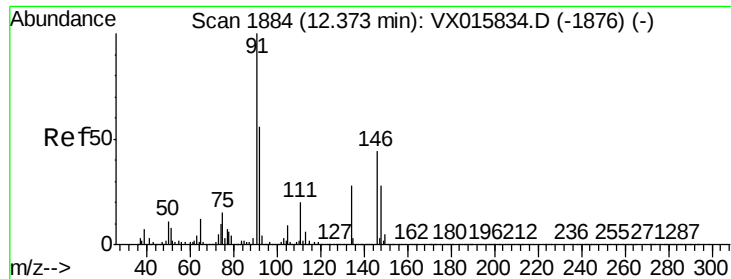
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#88
 1,4-Dichlorobenzene
 Concen: 98.842 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.2
148	64.4	33.8	101.4





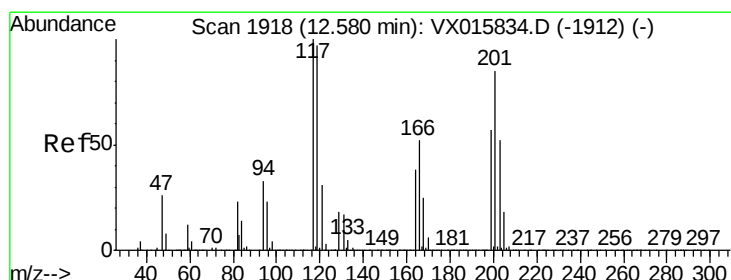
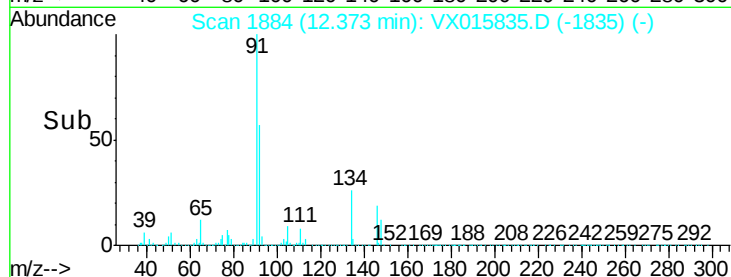
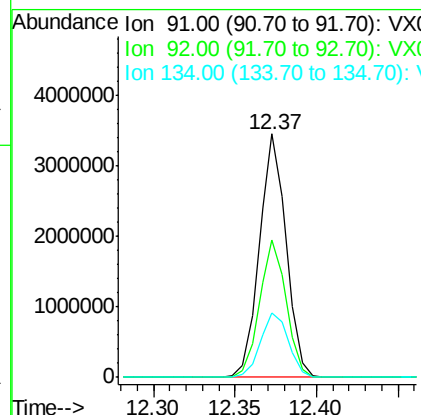
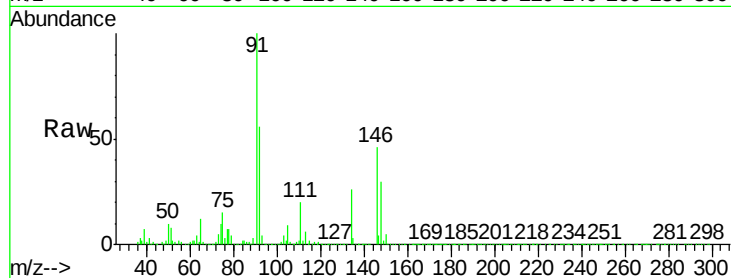
#89
n-Butylbenzene
Concen: 101.357 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 3922476
Ion Ratio Lower Upper
91 100
92 56.6 27.7 83.1
134 27.6 14.1 42.4

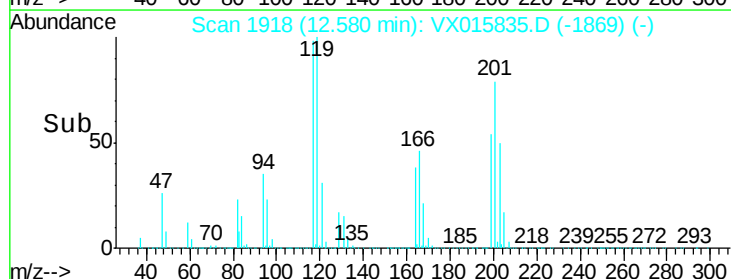
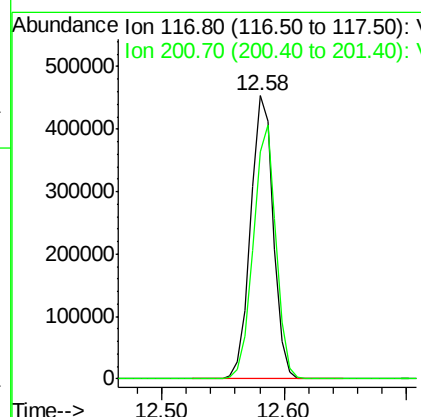
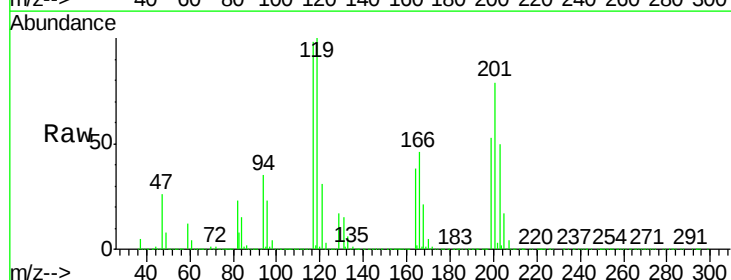
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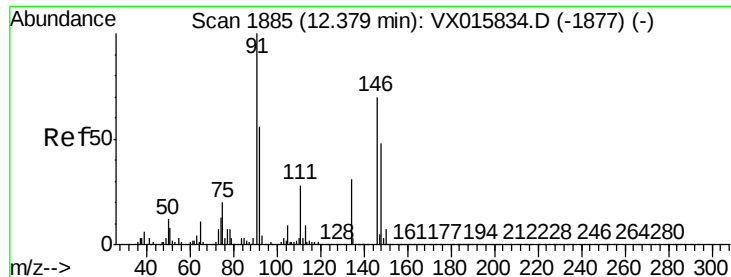
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#90
Hexachloroethane
Concen: 153.029 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion: 117 Resp: 585770
Ion Ratio Lower Upper
117 100
201 89.6 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 102.120 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:146 Resp: 2257068

Ion Ratio Lower Upper

146 100

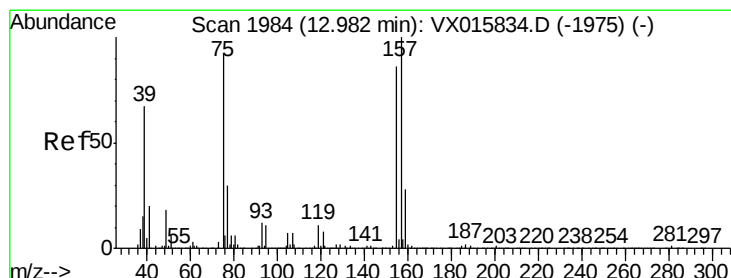
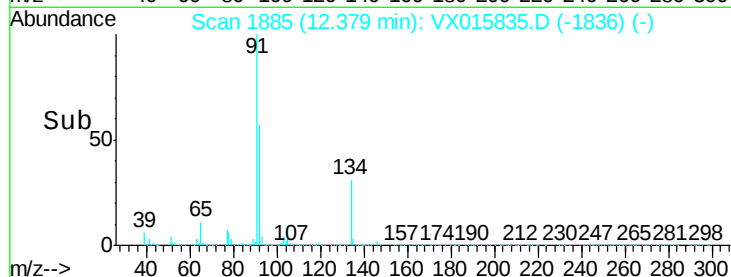
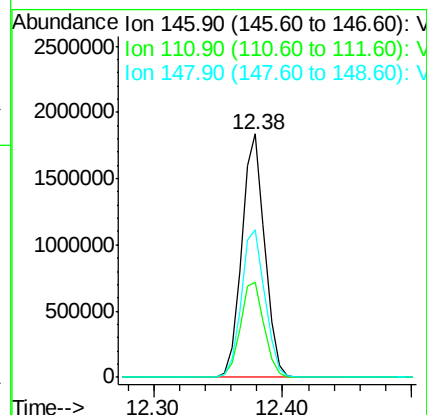
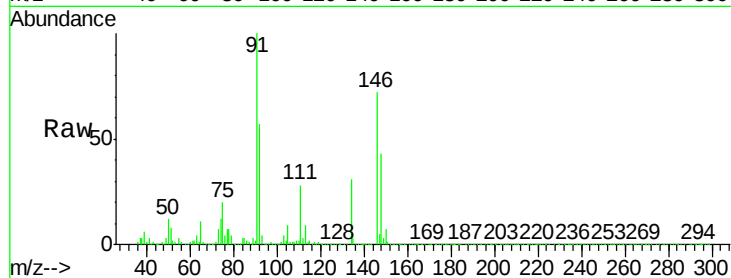
111 40.3 20.3 61.0

148 62.8 32.1 96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 113.388 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015835.D

Acq: 22 Apr 2020 11:29

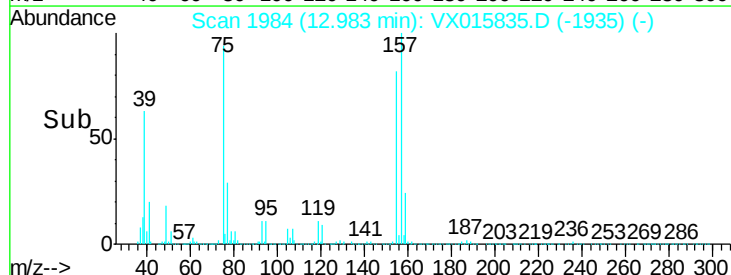
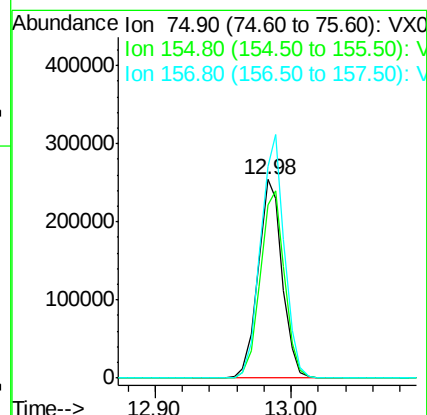
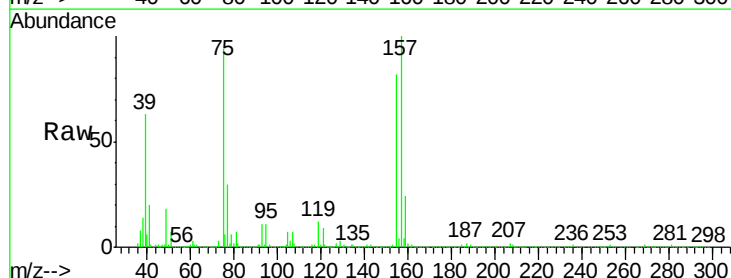
Tgt Ion: 75 Resp: 315313

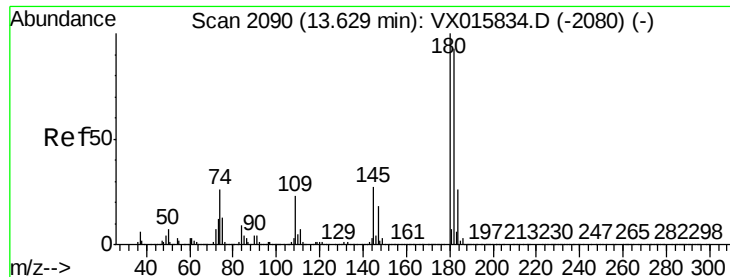
Ion Ratio Lower Upper

75 100

155 95.5 48.1 144.4

157 121.6 58.9 176.7





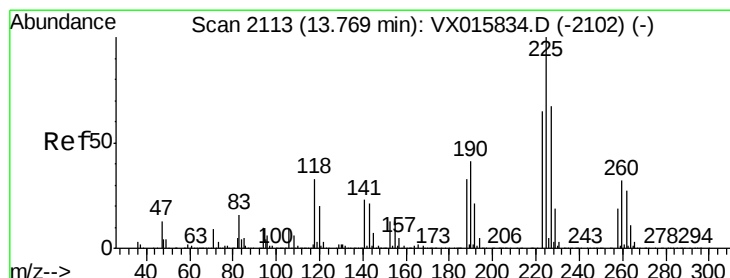
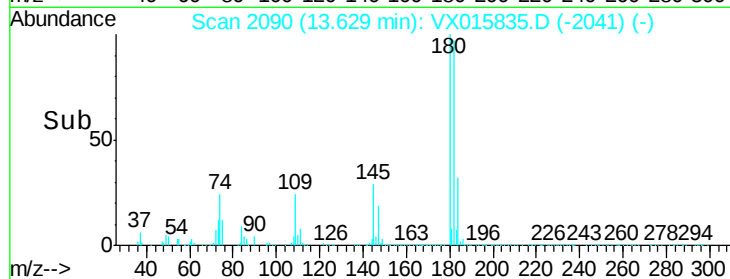
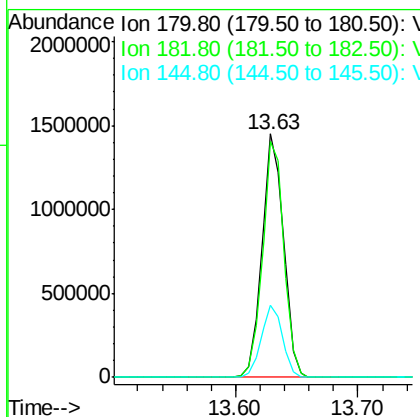
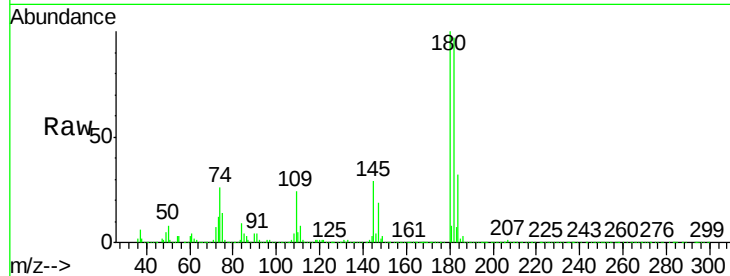
#93
 1,2,4-Trichlorobenzene
 Concen: 102.191 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.7	143.1
145	29.4	14.5	43.5

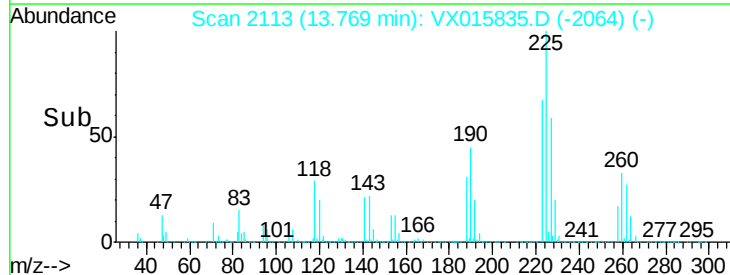
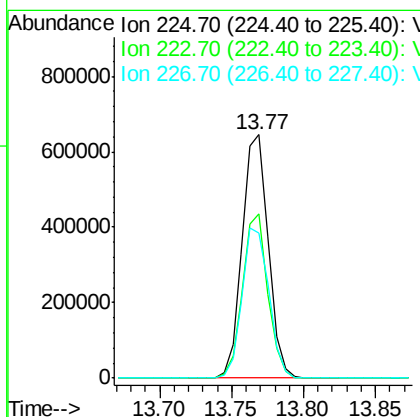
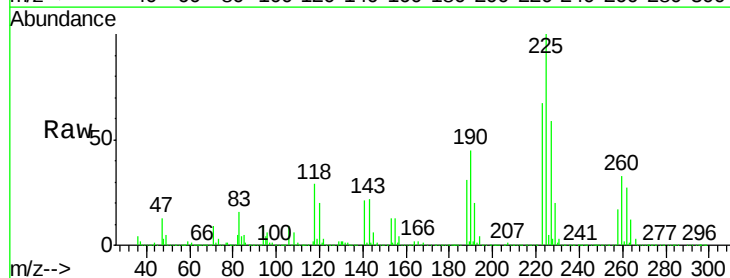
Manual Integrations
 APPROVED

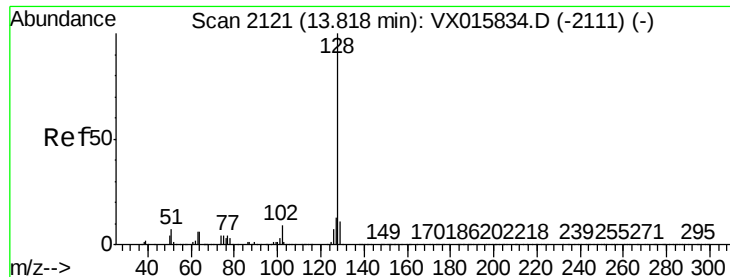
MMDadoda
 4/23/2020 11:58:12 AM



#94
 Hexachlorobutadiene
 Concen: 103.800 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015835.D
 Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.3	93.8
227	63.3	32.6	97.8





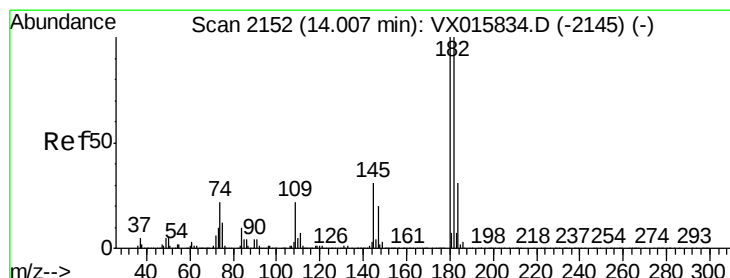
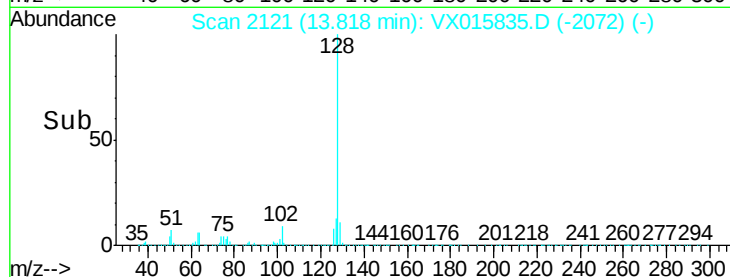
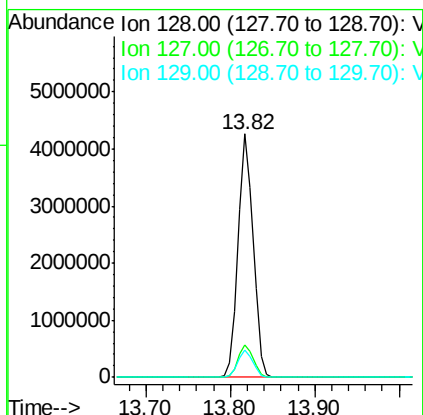
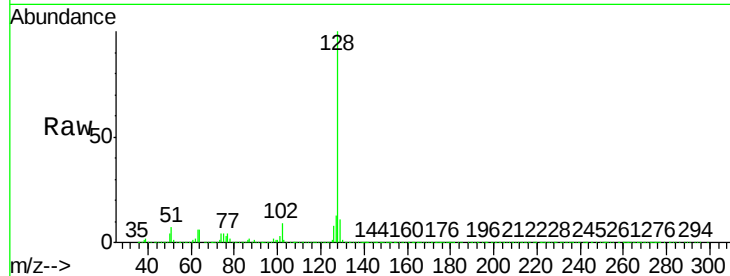
#95
Naphthalene
Concen: 102.399 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

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 11:58:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 104.448 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015835.D
Acq: 22 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.9	143.7
145	30.0	15.2	45.5

