

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016937.D
 Acq On : 23 Jun 2020 18:01
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:54:40 AM

Quant Time: Jun 24 00:28:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 00:11:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	175648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	299301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	300612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	146818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	416762	150.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.08%	
35) Dibromofluoromethane	5.46	113	315071	153.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.68%	
50) Toluene-d8	8.70	98	1172618	162.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.58%	
62) 4-Bromofluorobenzene	11.12	95	479472	164.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	307930	150.331	ug/l	97
3) Chloromethane	1.31	50	294761	152.854	ug/l	100
4) Vinyl Chloride	1.39	62	305520	158.459	ug/l	98
5) Bromomethane	1.62	94	151330	145.949	ug/l	98
6) Chloroethane	1.69	64	214641	153.710	ug/l	98
7) Trichlorofluoromethane	1.90	101	532694	156.634	ug/l	99
8) Diethyl Ether	2.17	74	198746	153.695	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	274208	144.577	ug/l	100
10) Methyl Iodide	2.49	142	397945	162.667	ug/l	98
11) Tert butyl alcohol	3.04	59	399670	685.270	ug/l	99
12) 1,1-Dichloroethene	2.35	96	268643	150.455	ug/l	97
13) Acrolein	2.28	56	295720	962.212	ug/l	100
14) Allyl chloride	2.70	41	539663	132.088	ug/l	98
15) Acrylonitrile	3.12	53	906384	711.439	ug/l	100
16) Acetone	2.42	43	782395	742.129	ug/l	99
17) Carbon Disulfide	2.54	76	717505	127.783	ug/l	98
18) Methyl Acetate	2.75	43	462321	132.429	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1064061	137.865	ug/l	97
20) Methylene Chloride	2.83	84	322379	122.581	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	298907	134.274	ug/l	97
22) Diisopropyl ether	3.83	45	1133417	157.706	ug/l	89
23) Vinyl Acetate	3.79	43	4773794	822.455	ug/l	99
24) 1,1-Dichloroethane	3.67	63	585698	141.523	ug/l	99
25) 2-Butanone	4.64	43	1277274	767.691	ug/l	99
26) 2,2-Dichloropropane	4.55	77	520617	143.095	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	354834	141.709	ug/l	98
28) Bromochloromethane	4.98	49	293840	136.702	ug/l	99
29) Tetrahydrofuran	5.09	42	835838	818.237	ug/l	100
30) Chloroform	5.18	83	616705	141.451	ug/l	97
31) Cyclohexane	5.55	56	483665	146.696	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	547180	143.159	ug/l	99
36) 1,1-Dichloropropene	5.77	75	427851	149.897	ug/l	100
37) Ethyl Acetate	4.80	43	510740	162.860	ug/l	99
38) Carbon Tetrachloride	5.75	117	467422	153.142	ug/l	98

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	468676	148.990	ug/l	97
40) Benzene	6.11	78	1256256	153.614	ug/l	100
41) Methacrylonitrile	5.01	41	292619	160.173	ug/l	99
42) 1,2-Dichloroethane	6.16	62	503758	150.073	ug/l	100
43) Isopropyl Acetate	6.42	43	870986	159.399	ug/l	99
44) Trichloroethene	7.19	130	329911	144.123	ug/l	97
45) 1,2-Dichloropropane	7.49	63	339061	149.651	ug/l	98
46) Dibromomethane	7.64	93	232453	148.441	ug/l	98
47) Bromodichloromethane	7.88	83	515158	156.851	ug/l	99
48) Methyl methacrylate	7.75	41	425344	167.408	ug/l	99
49) 1,4-Dioxane	7.72	88	159899	2926.227	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2663416	836.820	ug/l	99
52) Toluene	8.77	92	808610	160.966	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	593196	156.911	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	592348	162.378	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	349896	153.790	ug/l	99
56) Ethyl methacrylate	9.16	69	579101	164.328	ug/l	99
57) 1,3-Dichloropropane	9.35	76	598722	157.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1425682	987.650	ug/l	98
59) 2-Hexanone	9.48	43	1961710	804.900	ug/l	100
60) Dibromochloromethane	9.57	129	409949	164.717	ug/l	99
61) 1,2-Dibromoethane	9.65	107	370588	158.207	ug/l	99
64) Tetrachloroethene	9.32	164	288707	141.482	ug/l	97
65) Chlorobenzene	10.12	112	904210	147.260	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	353185	148.499	ug/l	99
67) Ethyl Benzene	10.24	91	1616226	147.184	ug/l	99
68) m/p-Xylenes	10.34	106	1200165	297.602	ug/l	99
69) o-Xylene	10.68	106	594579	154.344	ug/l	100
70) Styrene	10.70	104	1059510	161.604	ug/l	99
71) Bromoform	10.84	173	279807	158.210	ug/l	# 100
73) Isopropylbenzene	11.00	105	1629194	149.547	ug/l	100
74) N-amyl acetate	10.88	43	813822	149.265	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	520794	142.863	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	481156m	114.470	ug/l	
77) Bromobenzene	11.24	156	374635	140.064	ug/l	99
78) n-propylbenzene	11.35	91	1880932	151.443	ug/l	100
79) 2-Chlorotoluene	11.41	91	1100620	139.957	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1327274	144.659	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	207974	147.273	ug/l	98
82) 4-Chlorotoluene	11.49	91	1318288	140.037	ug/l	100
83) tert-Butylbenzene	11.76	119	1298252	144.521	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1335107	146.466	ug/l	100
85) sec-Butylbenzene	11.93	105	1538948	151.864	ug/l	100
86) p-Isopropyltoluene	12.05	119	1388629	148.054	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	692505	143.957	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	699248	144.897	ug/l	99
89) n-Butylbenzene	12.37	91	1350454	152.070	ug/l	100
90) Hexachloroethane	12.58	117	282712	153.442	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	663066	143.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	132075	141.135	ug/l	95

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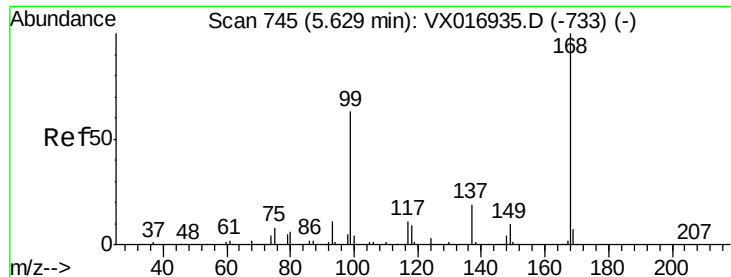
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	448549	148.126	ug/l	99
94) Hexachlorobutadiene	13.77	225	155530	147.224	ug/l	97
95) Naphthalene	13.82	128	1623740	157.801	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	444578	151.778	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

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Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 175648

Ion Ratio Lower Upper

168 100

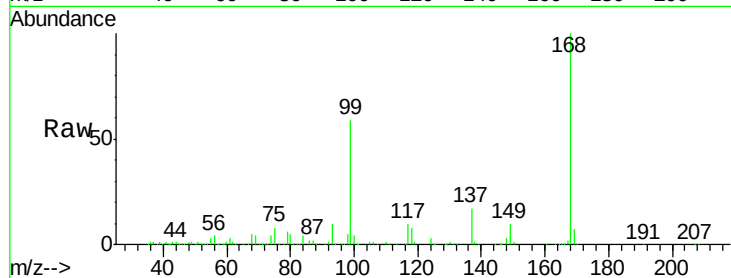
99 59.0 50.6 75.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

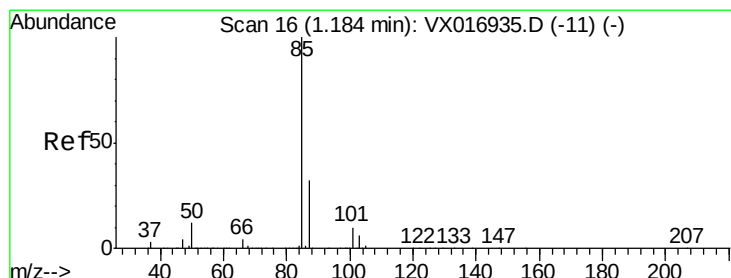
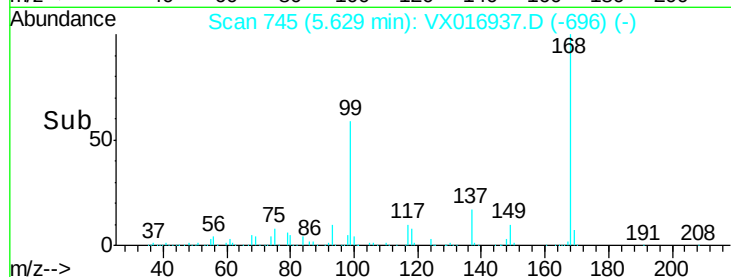
5.50

5.63

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 150.331 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016937.D

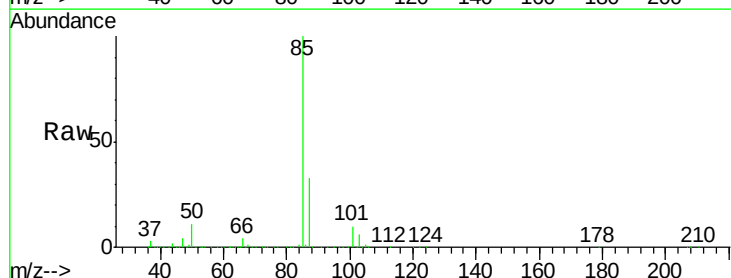
Acq: 23 Jun 2020 18:01

Tgt Ion: 85 Resp: 307930

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

200000

100000

0

1.10

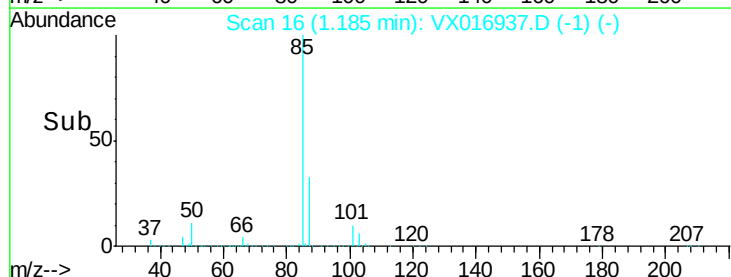
1.18

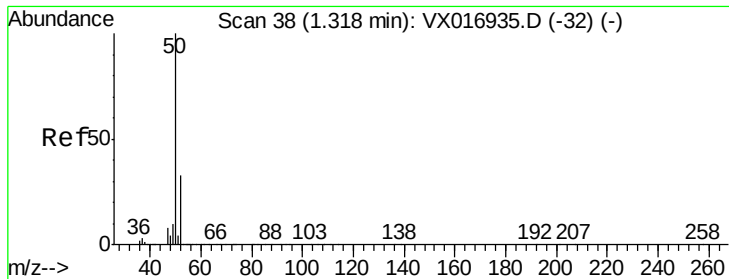
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 152.854 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 294761

Ion Ratio Lower Upper

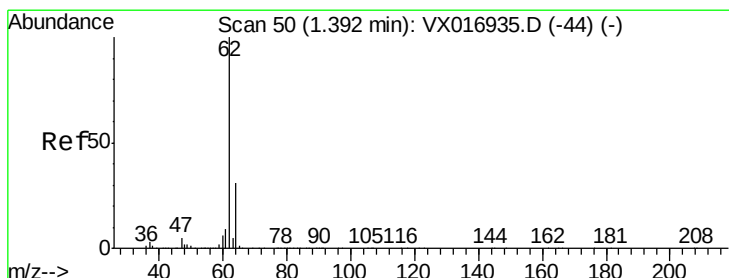
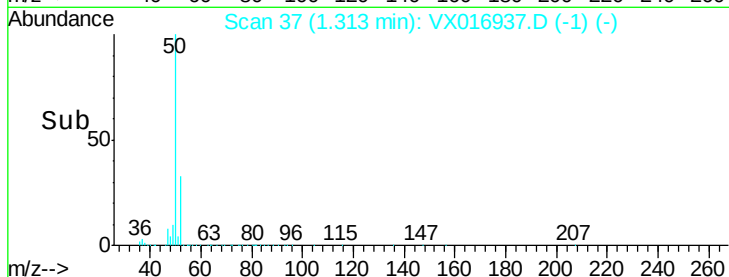
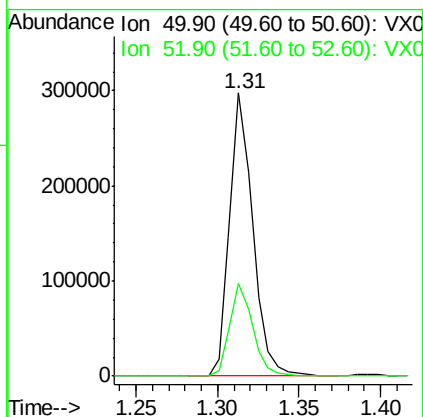
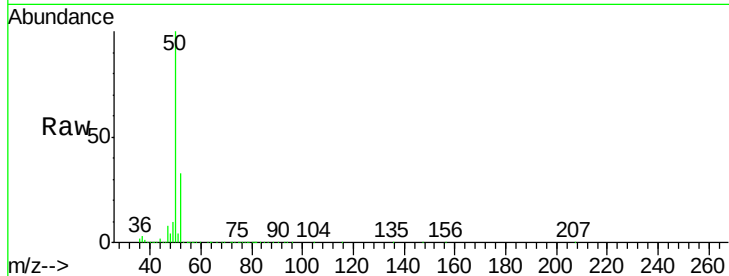
50 100

52 32.6 26.0 39.0

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6/24/2020 10:54:40 AM



#4

Vinyl Chloride

Concen: 158.459 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016937.D

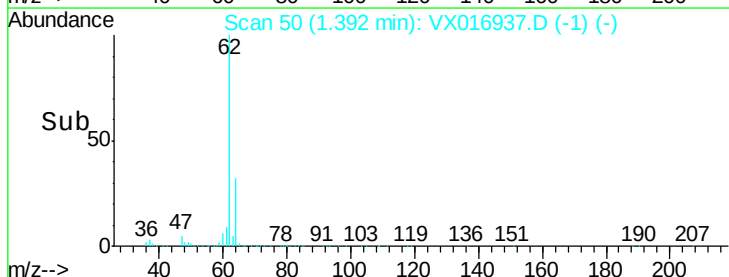
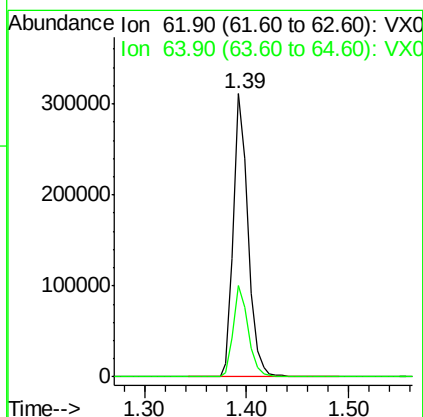
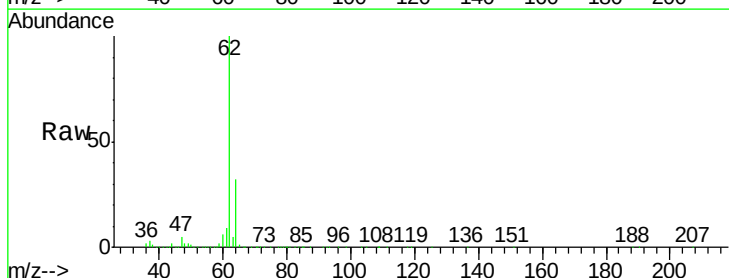
Acq: 23 Jun 2020 18:01

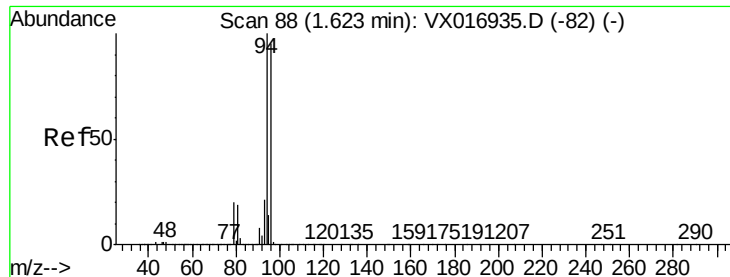
Tgt Ion: 62 Resp: 305520

Ion Ratio Lower Upper

62 100

64 32.4 25.0 37.4





#5

Bromomethane

Concen: 145.949 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 151330

Ion Ratio Lower Upper

94 100

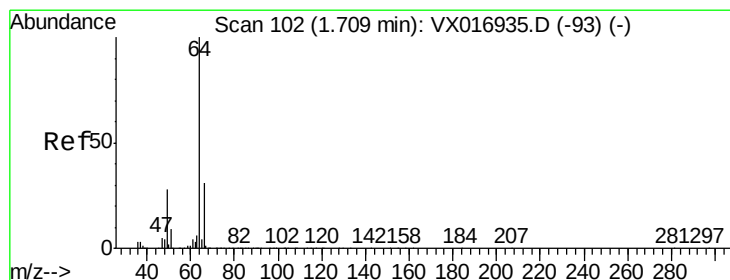
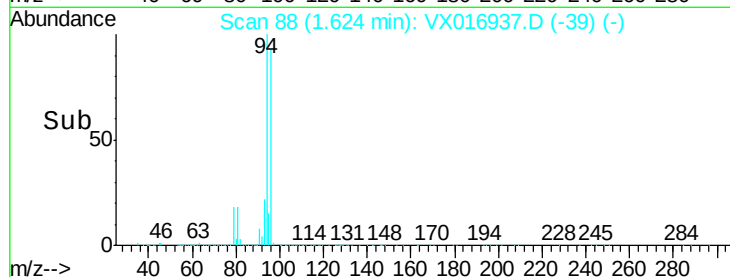
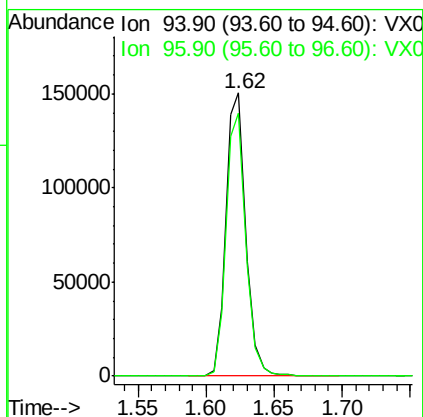
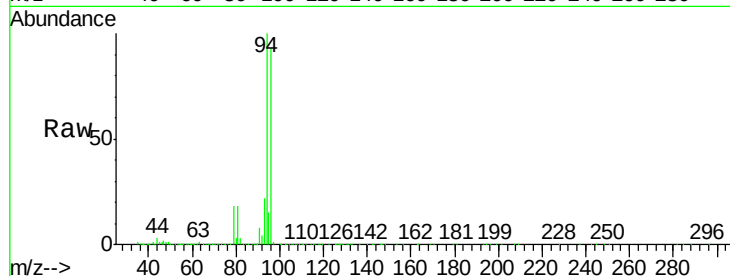
96 92.9 75.9 113.9

Manual Integrations

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6/24/2020 10:54:40 AM



#6

Chloroethane

Concen: 153.710 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX016937.D

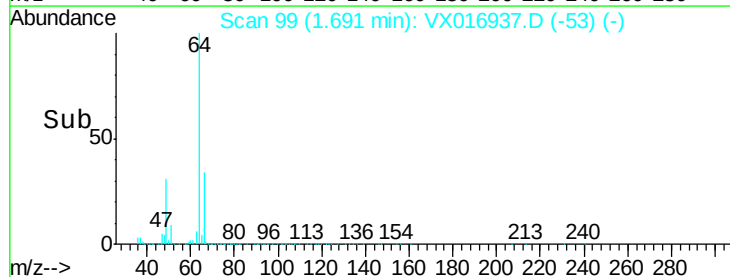
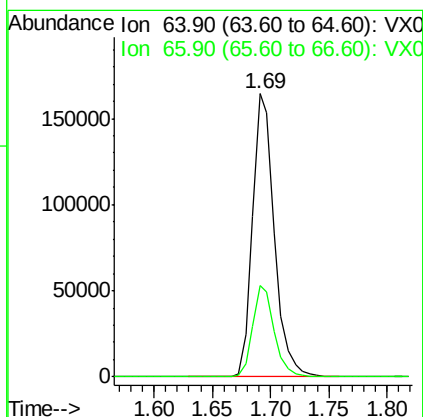
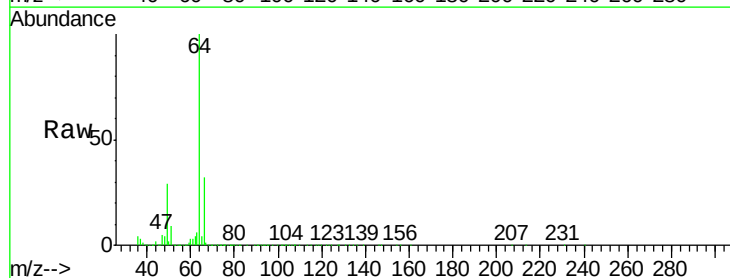
Acq: 23 Jun 2020 18:01

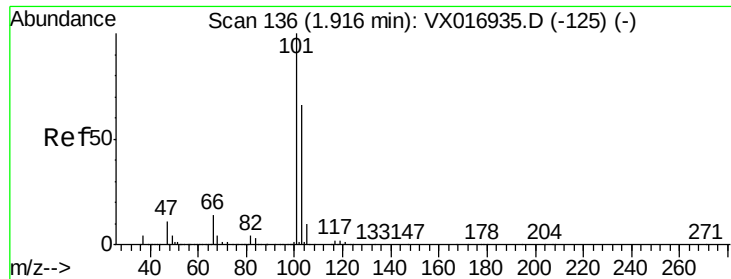
Tgt Ion: 64 Resp: 214641

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6





#7

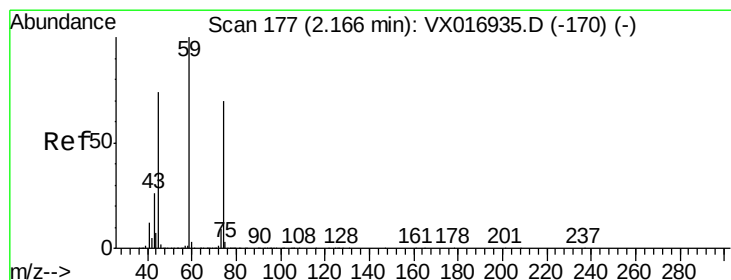
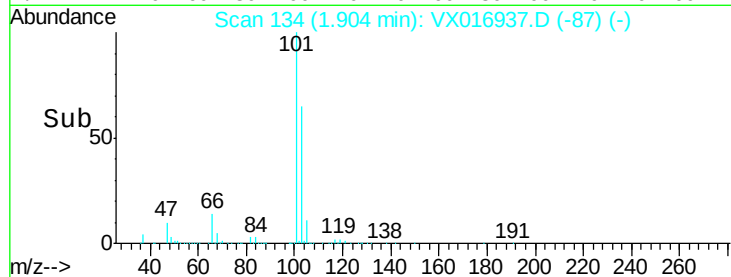
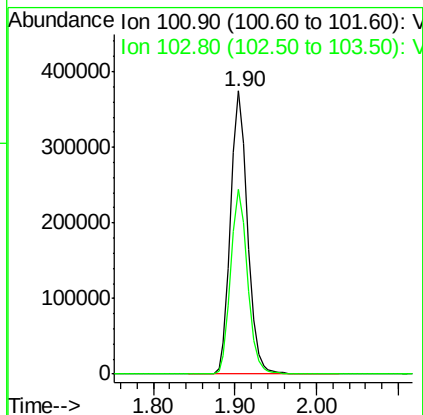
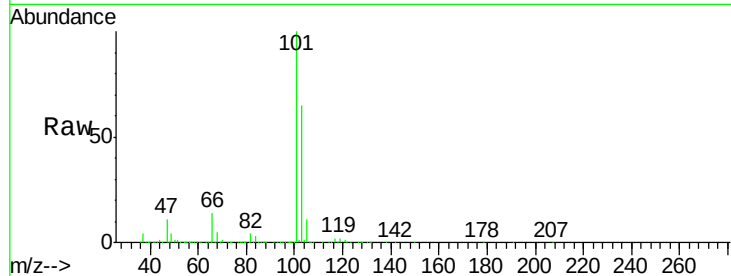
Trichlorofluoromethane
Concen: 156.634 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	53.0	79.4

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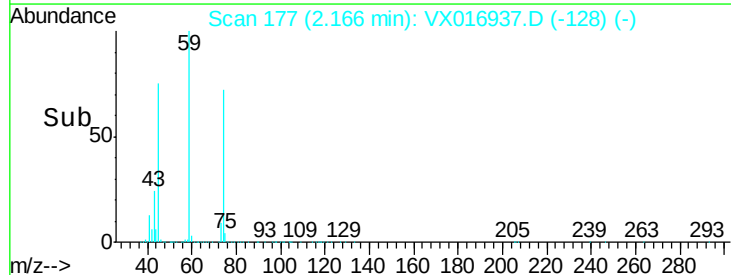
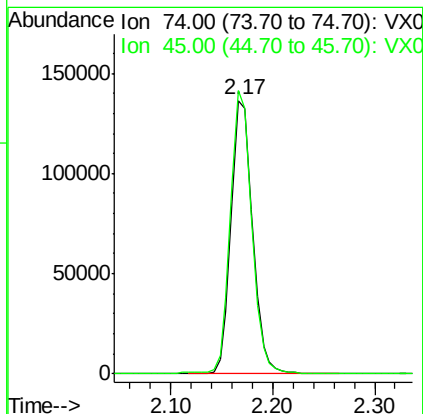
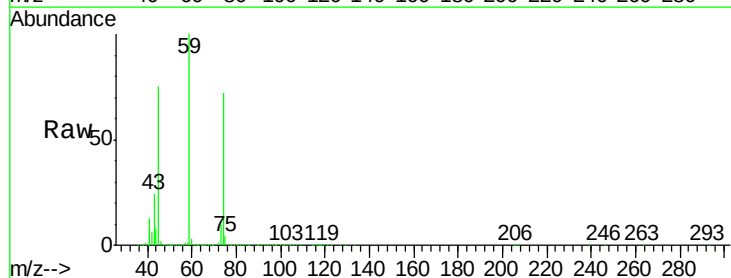
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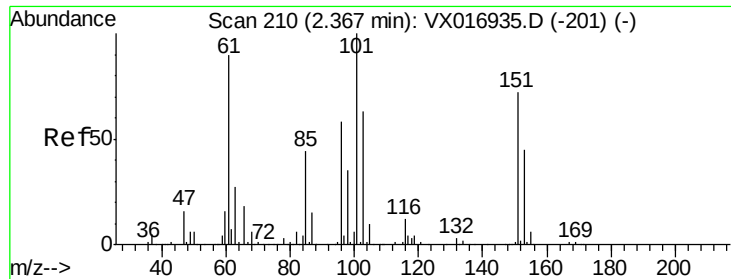


#8

Diethyl Ether
Concen: 153.695 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016937.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.1	52.6	157.8





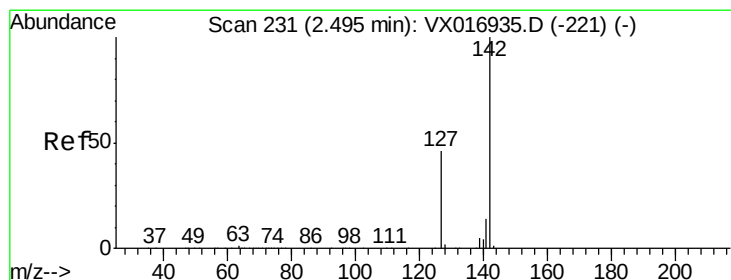
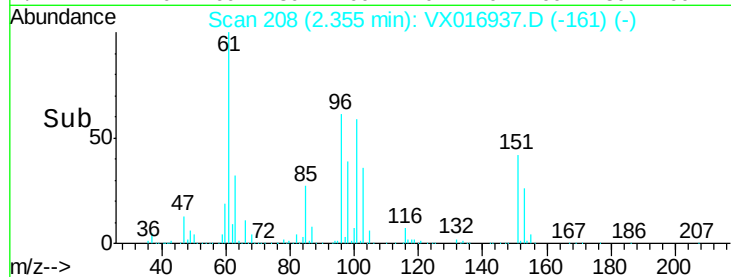
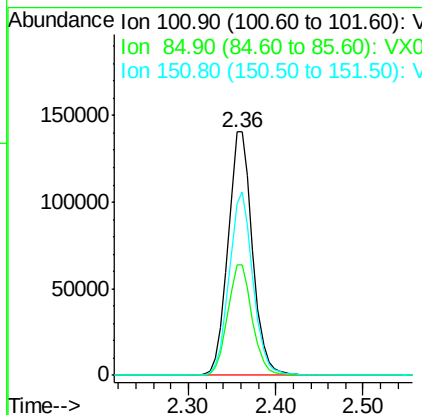
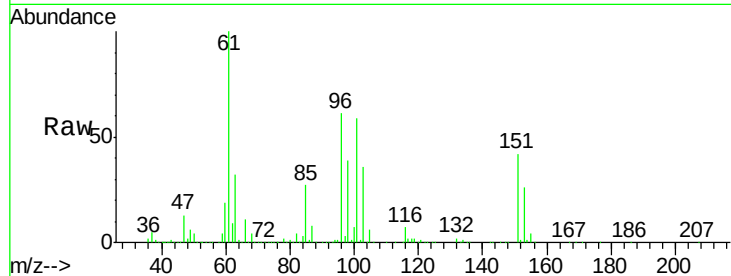
#9
1,1,2-Trichlorotrifluoroethane
Concen: 144.577 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.01 min
Lab File: VX016937.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	274208		
85	45.5	36.9	55.3	
151	73.1	58.4	87.6	

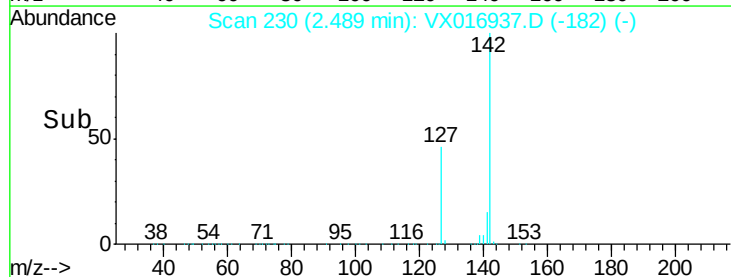
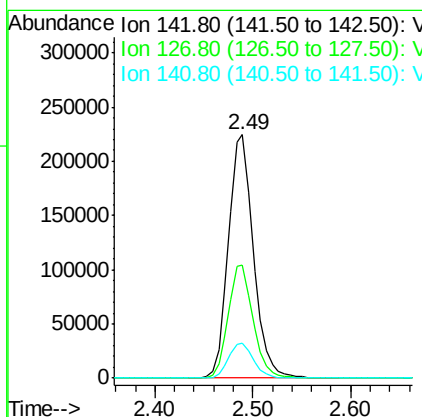
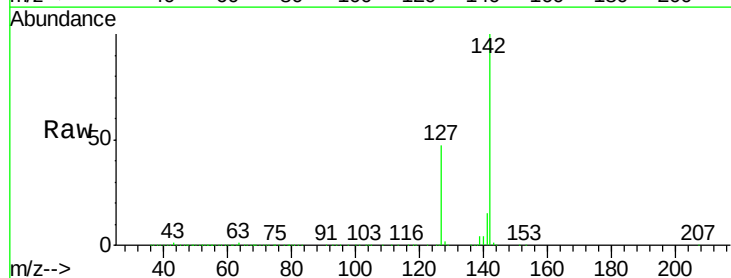
Manual Integrations
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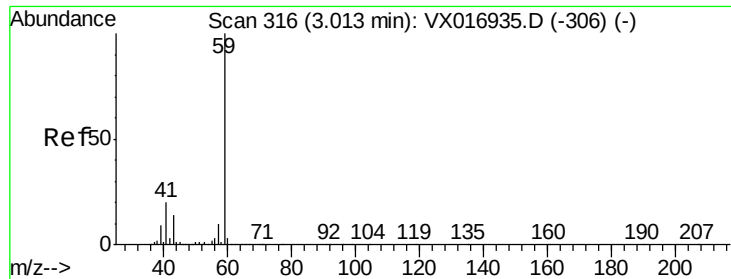
MMDadoda
6/24/2020 10:54:40 AM



#10
Methyl Iodide
Concen: 162.667 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	397945		
127	46.5	38.3	57.5	
141	14.5	11.9	17.9	





#11

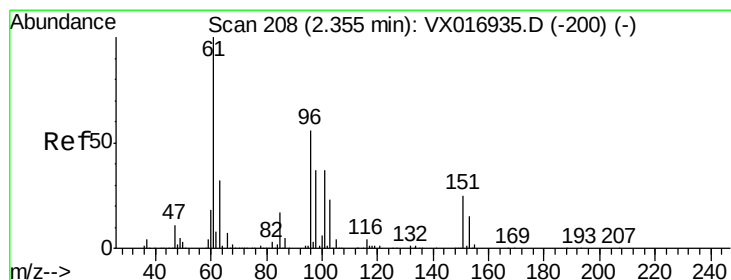
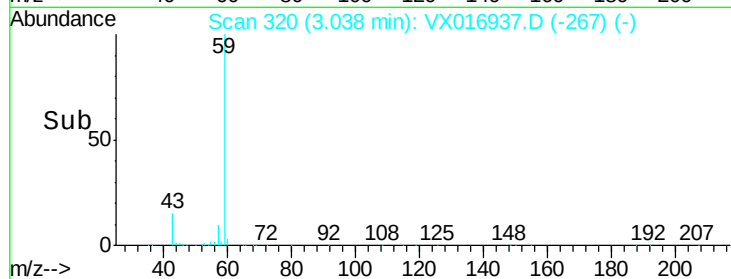
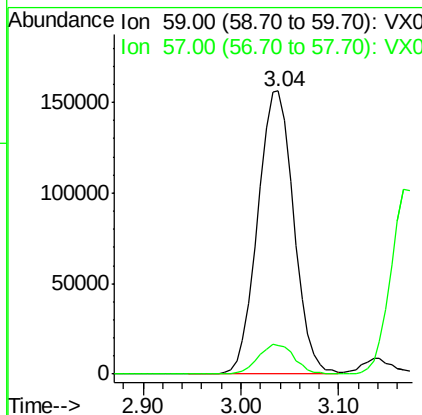
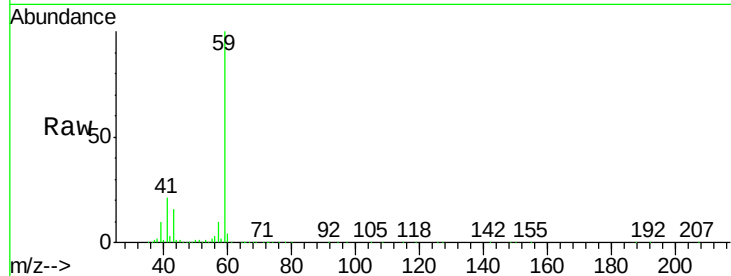
Tert butyl alcohol
Concen: 685.270 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

Manual Integrations
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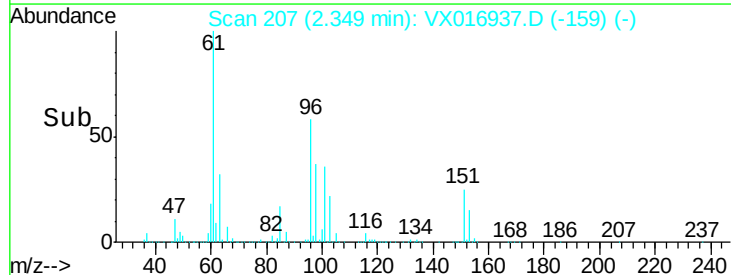
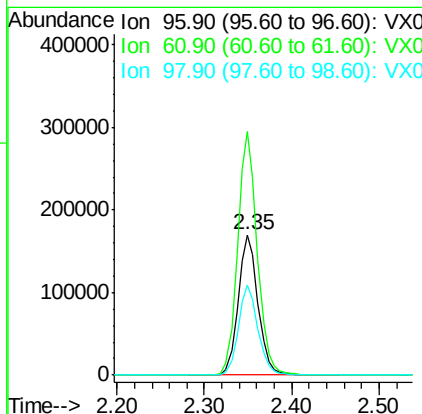
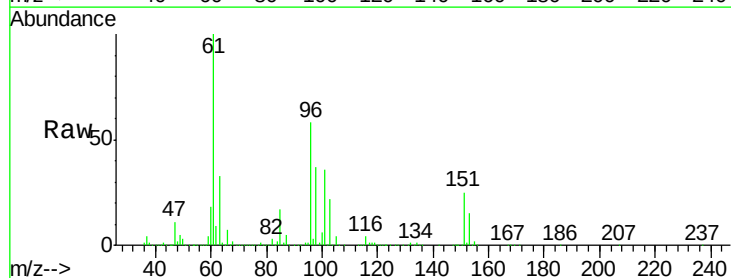
MMDadoda
6/24/2020 10:54:40 AM

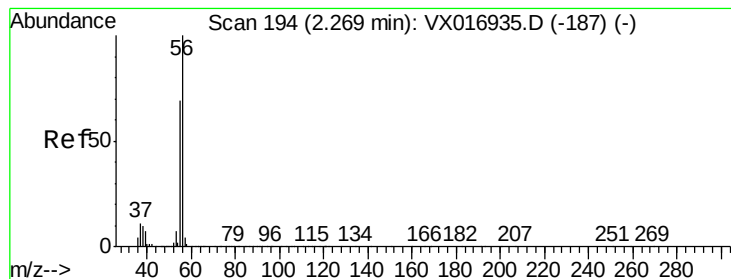


#12

1,1-Dichloroethene
Concen: 150.455 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.4	142.3	213.5
98	63.9	53.2	79.8





#13

Acrolein

Concen: 962.212 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 295720

Ion Ratio Lower Upper

56 100

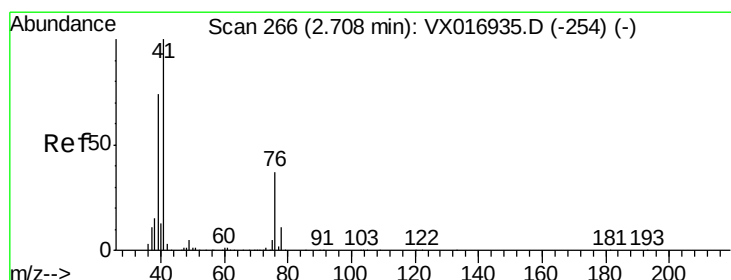
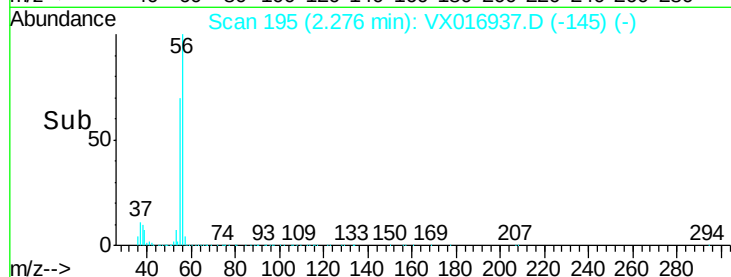
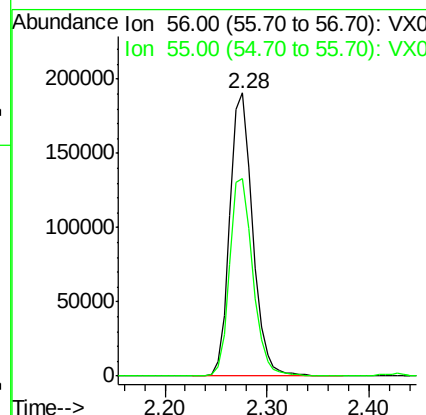
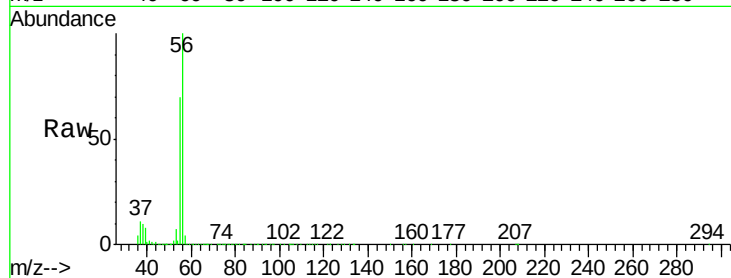
55 71.0 57.1 85.7

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 132.088 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

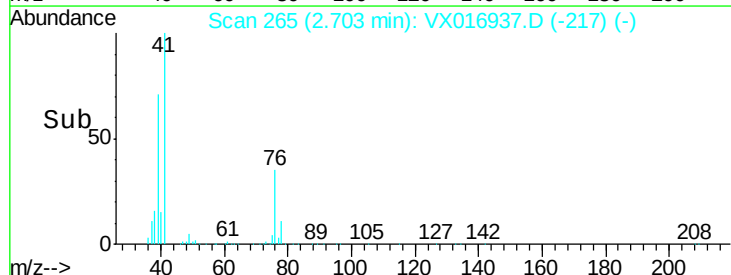
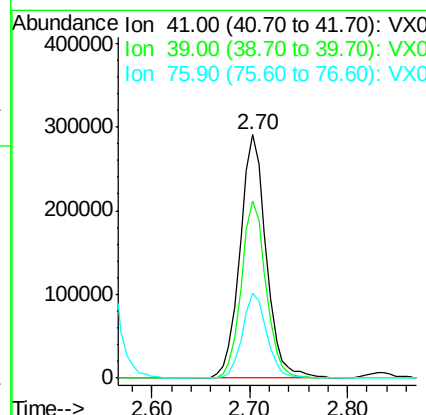
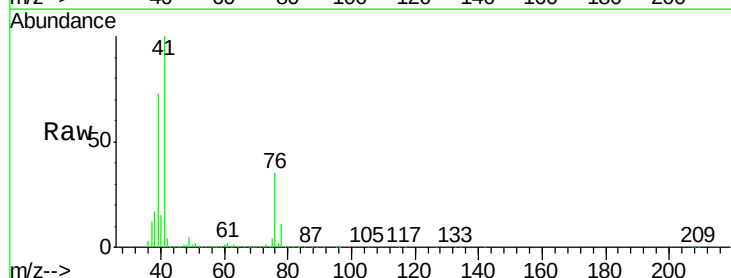
Tgt Ion: 41 Resp: 539663

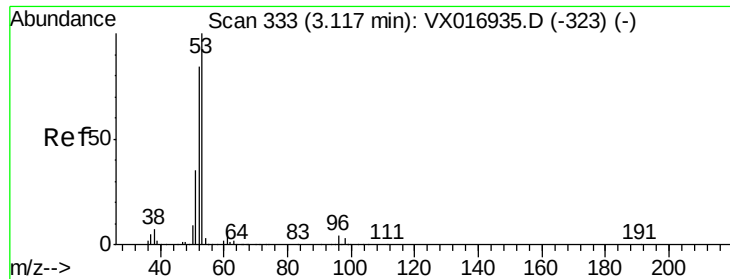
Ion Ratio Lower Upper

41 100

39 68.7 53.3 79.9

76 32.5 25.2 37.8





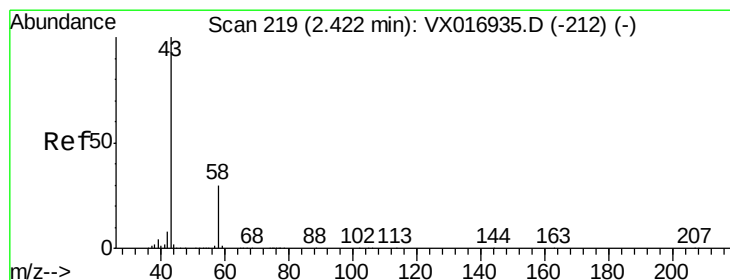
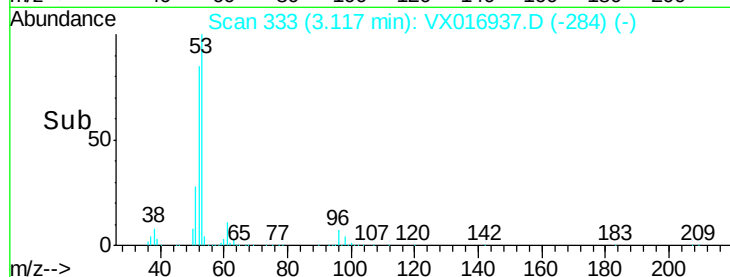
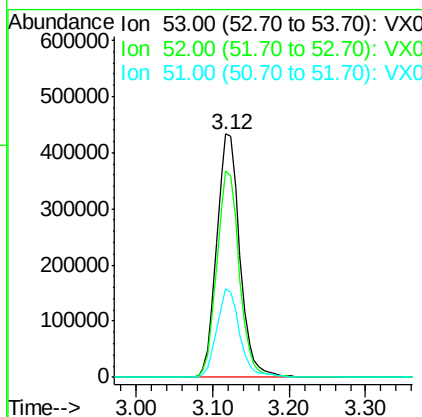
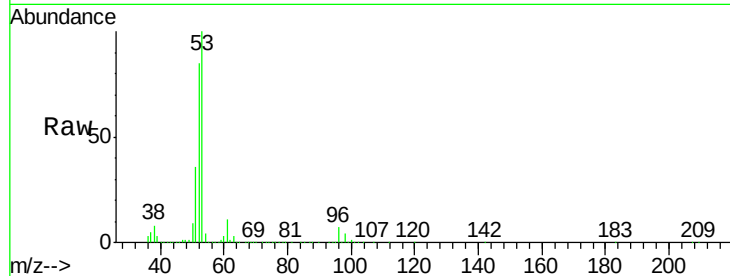
#15
 Acrylonitrile
 Concen: 711.439 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:	53	Resp:	906384
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.0	99.0
51	36.1	28.9	43.3

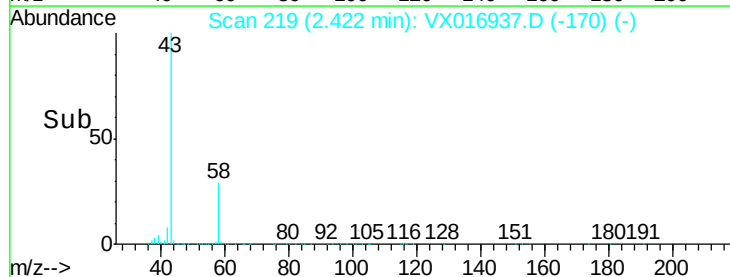
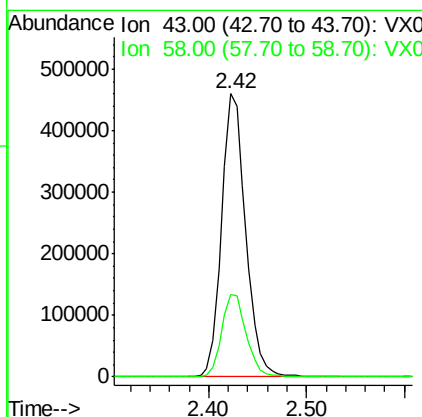
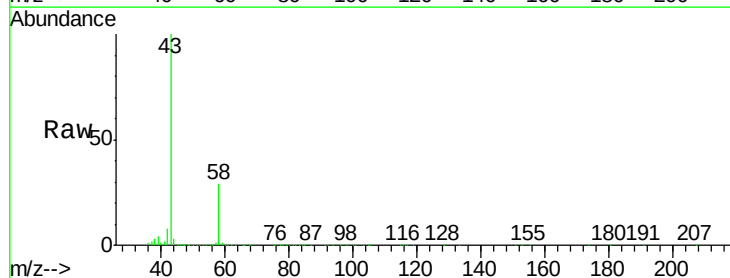
Manual Integrations
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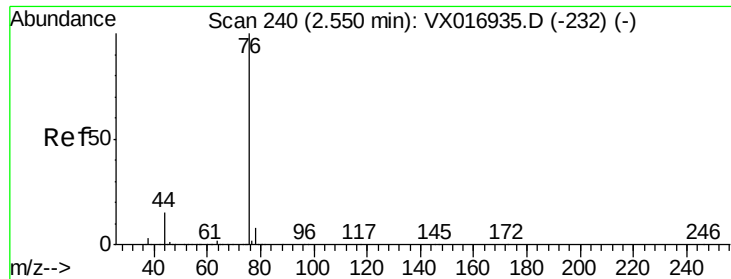
MMDadoda
 6/24/2020 10:54:40 AM



#16
 Acetone
 Concen: 742.129 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion:	43	Resp:	782395
Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.9	35.9





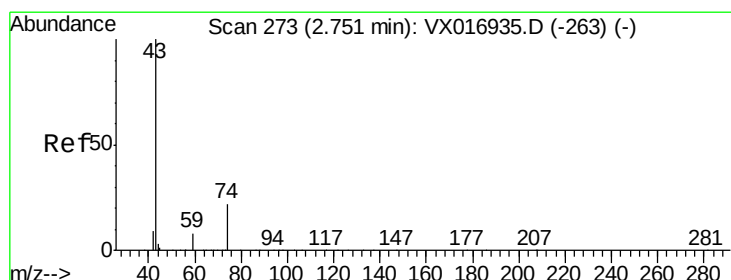
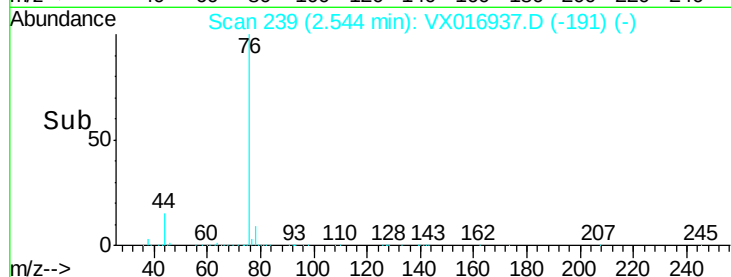
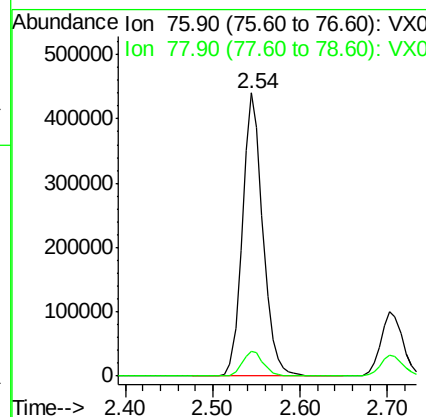
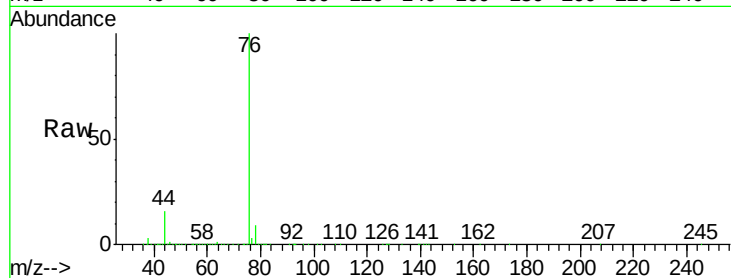
#17
Carbon Disulfide
Concen: 127.783 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.6	10.0

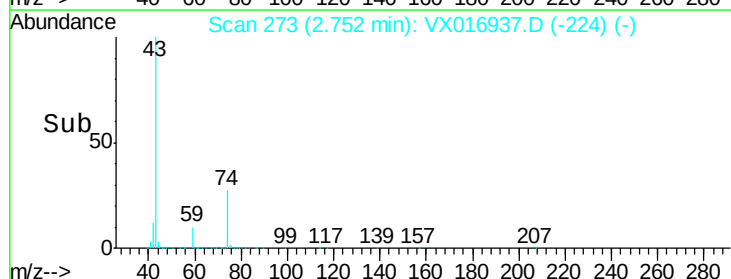
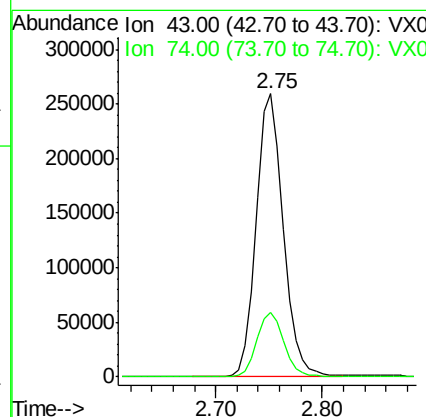
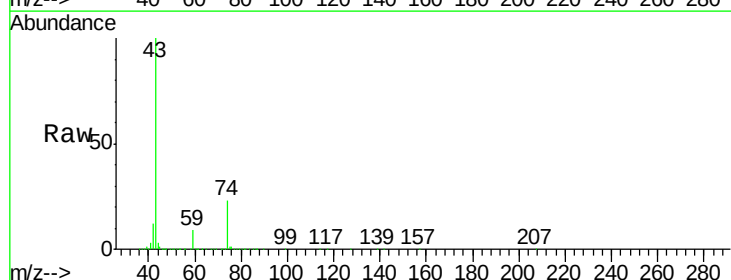
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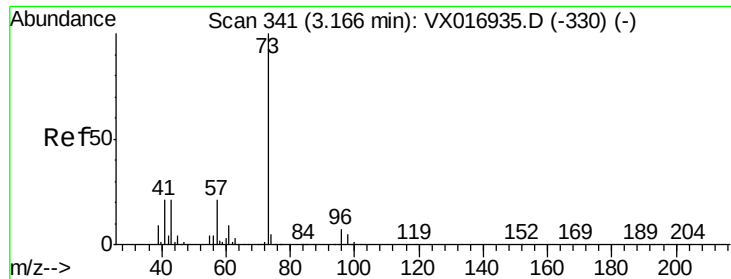
MMDadoda
6/24/2020 10:54:40 AM



#18
Methyl Acetate
Concen: 132.429 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.6	27.8





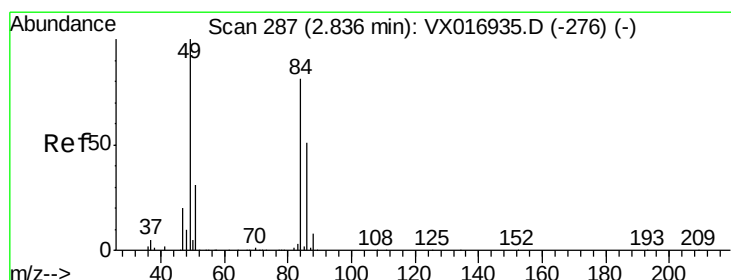
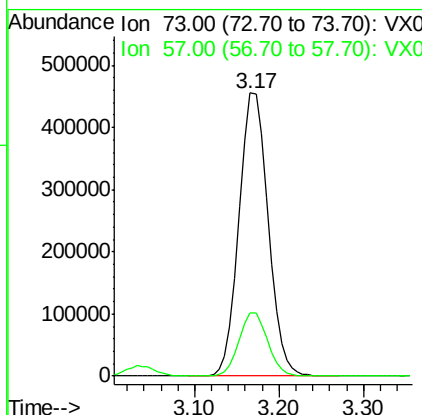
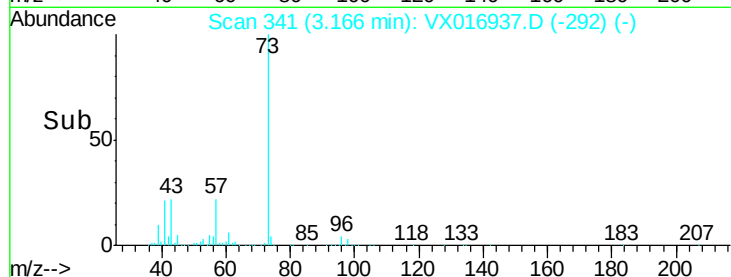
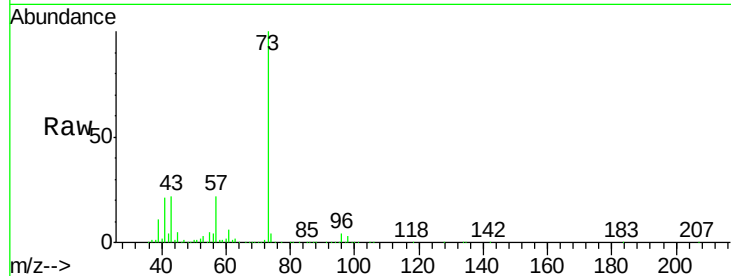
#19
Methyl tert-butyl Ether
Concen: 137.865 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1064061
Ion Ratio Lower Upper
73 100
57 22.3 16.7 25.1

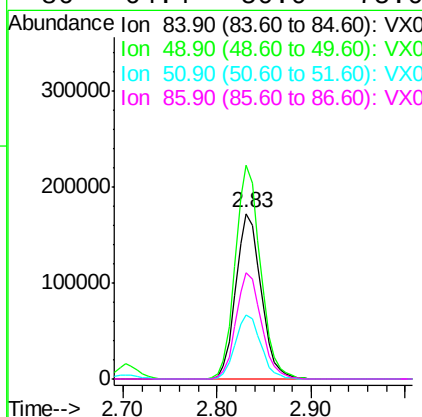
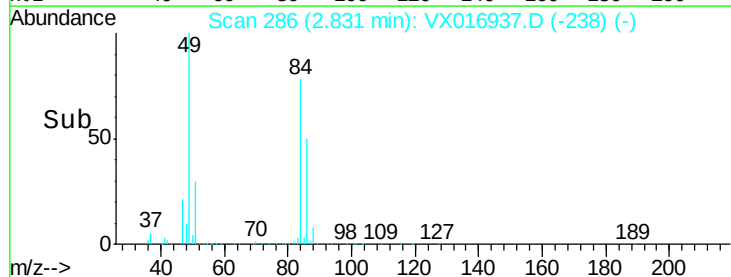
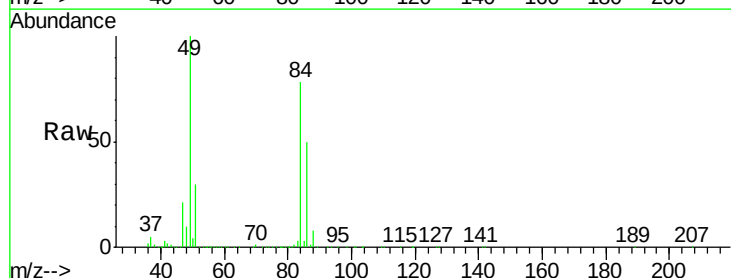
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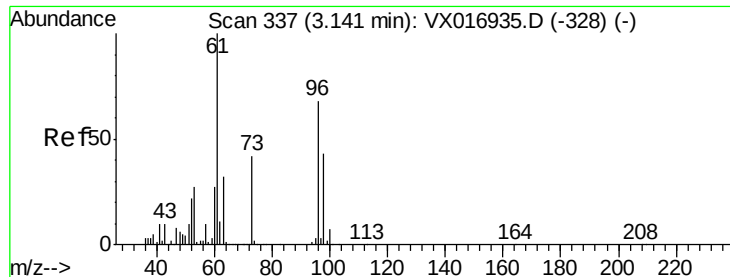
MMDadoda
6/24/2020 10:54:40 AM



#20
Methylene Chloride
Concen: 122.581 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 84 Resp: 322379
Ion Ratio Lower Upper
84 100
49 128.8 98.2 147.4
51 38.8 30.7 46.1
86 64.4 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 134.274 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

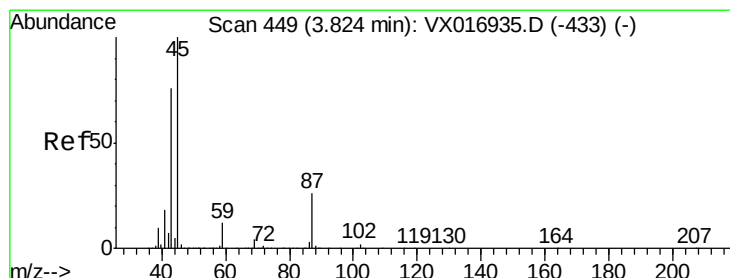
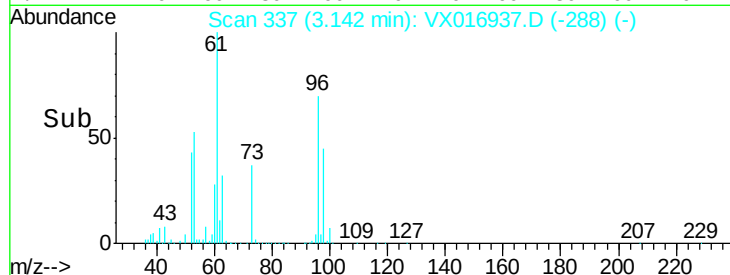
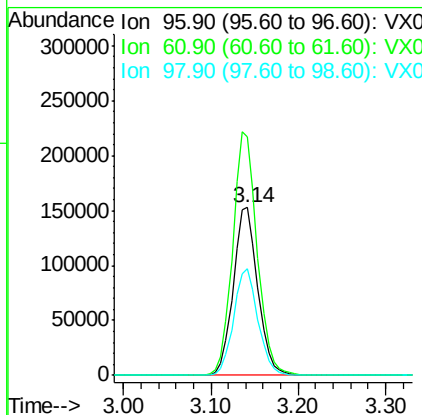
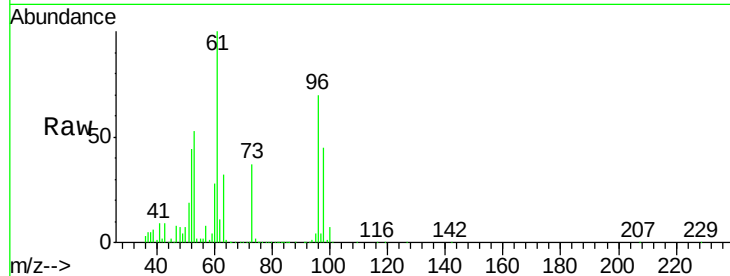
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	298907
Ion	Ratio	Lower	Upper
96	100		
61	142.1	118.1	177.1
98	63.7	50.7	76.1

Manual Integrations
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MMDadoda
6/24/2020 10:54:40 AM



#22

Diisopropyl ether

Concen: 157.706 ug/l

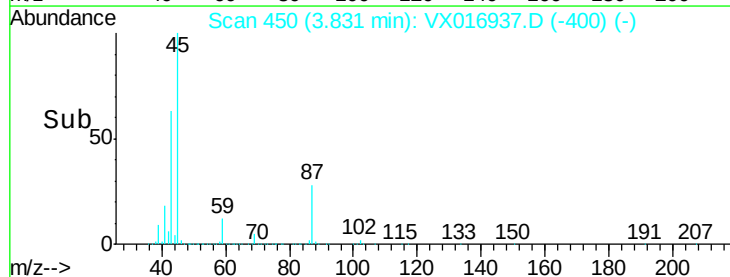
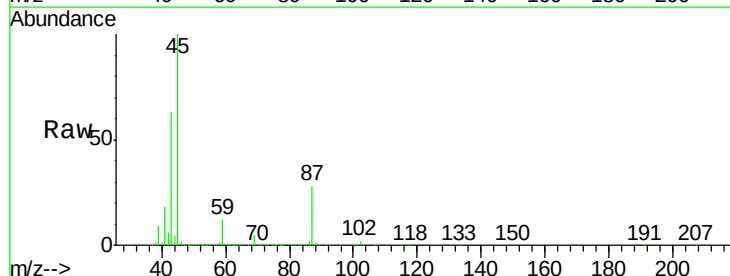
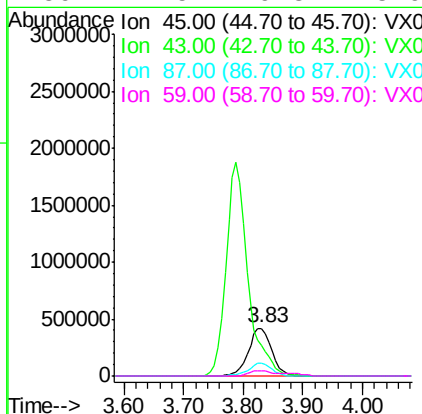
RT: 3.83 min Scan# 450

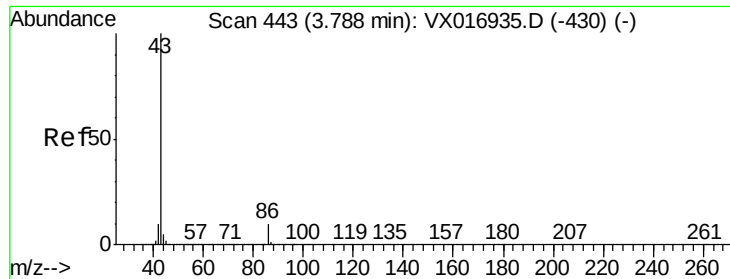
Delta R.T. 0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Tgt Ion:	45	Resp:	1133417
Ion	Ratio	Lower	Upper
45	100		
43	63.1	61.0	91.4
87	27.6	20.6	30.8
59	11.5	9.3	13.9





#23

Vinyl Acetate

Concen: 822.455 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Tot Ion: 43 Resp: 4773794

Ion Ratio Lower Upper

43 100

86 10.2 8.0 12.0

Instrument :

MSVOA_X

ClientSampleId :

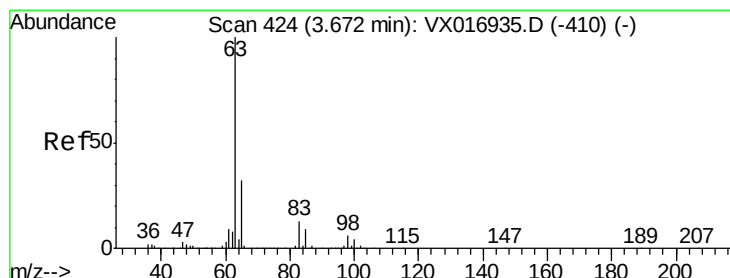
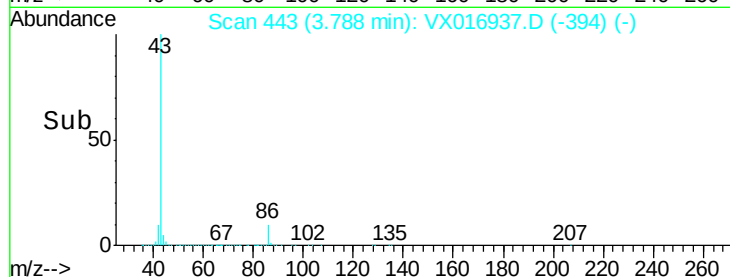
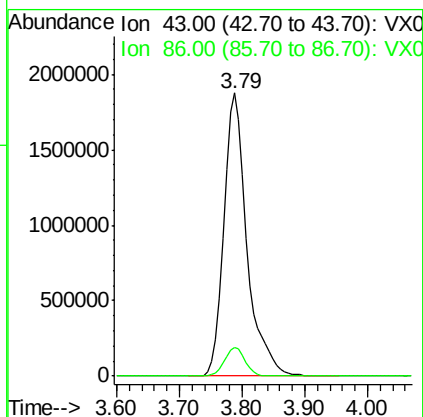
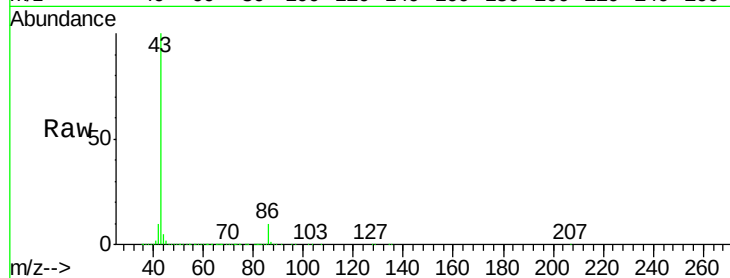
VSTDIC150

Manual Integrations

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MMDadoda

6/24/2020 10:54:40 AM



#24

1,1-Dichloroethane

Concen: 141.523 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

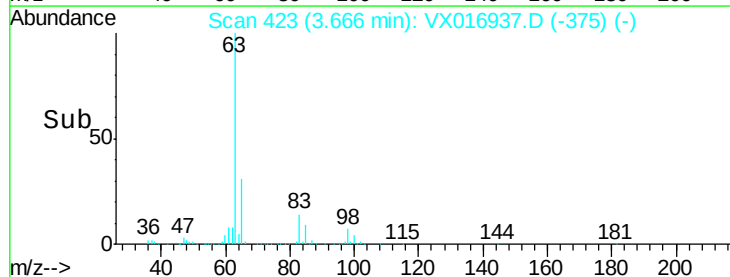
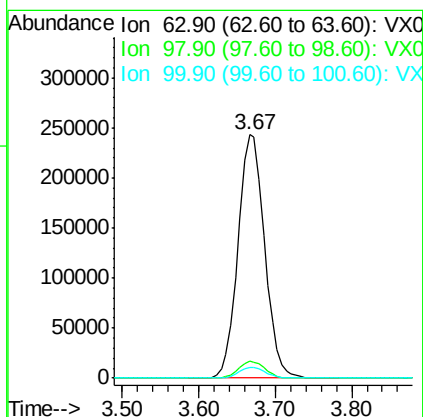
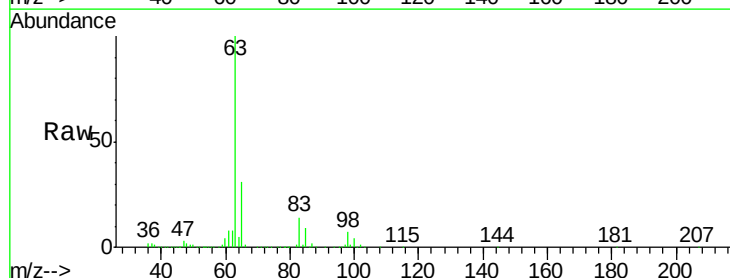
Tgt Ion: 63 Resp: 585698

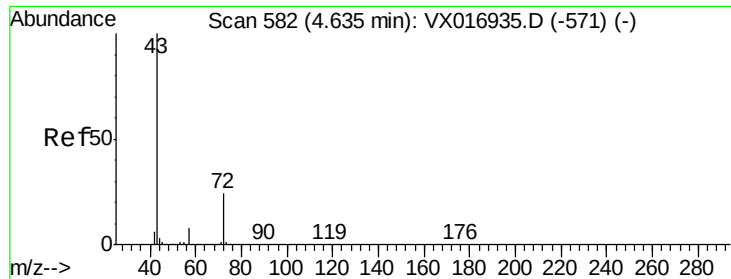
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 4.2 2.2 6.6





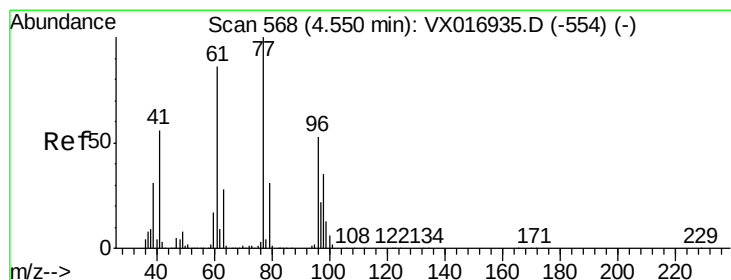
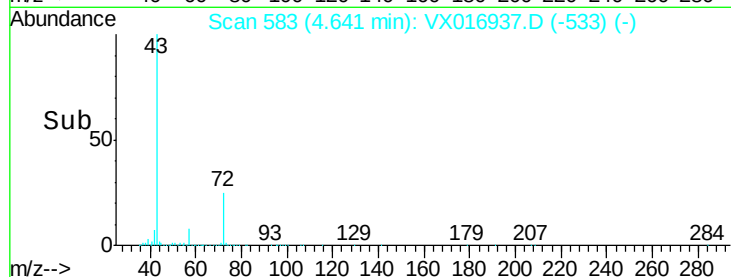
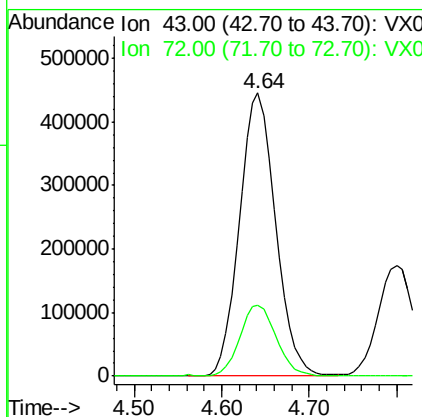
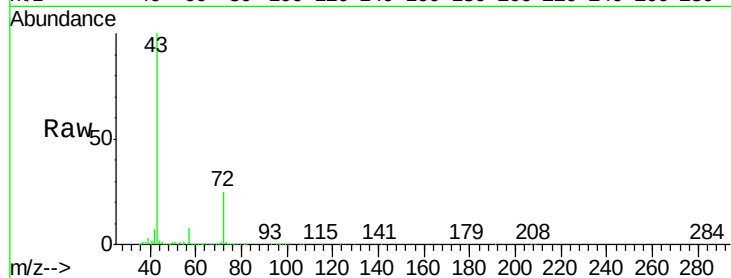
#25
2-Butanone
Concen: 767.691 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1277274
Ion Ratio Lower Upper
43 100
72 24.8 19.6 29.4

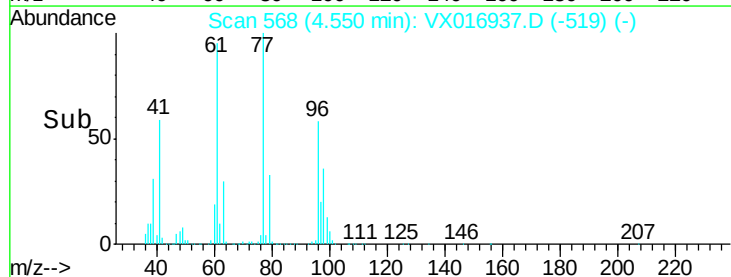
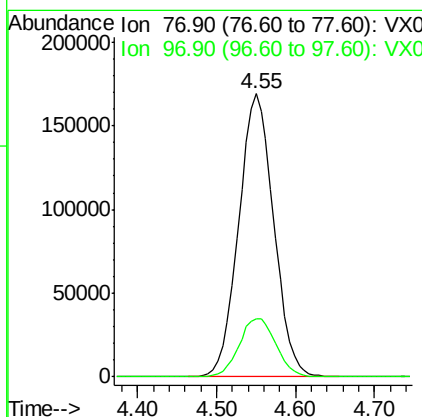
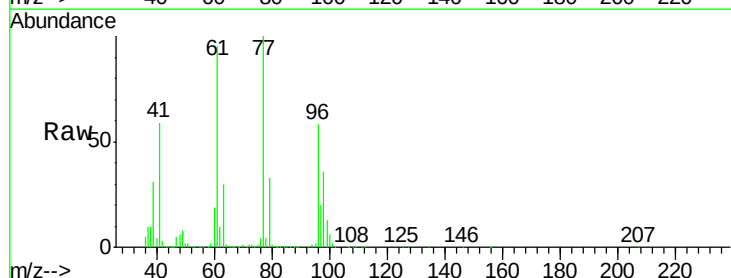
Manual Integrations
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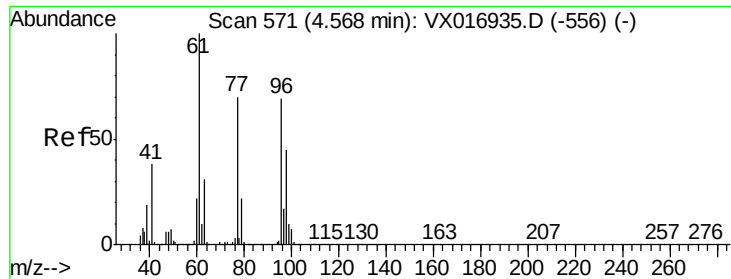
MMDadoda
6/24/2020 10:54:40 AM



#26
2,2-Dichloropropane
Concen: 143.095 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 77 Resp: 520617
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9





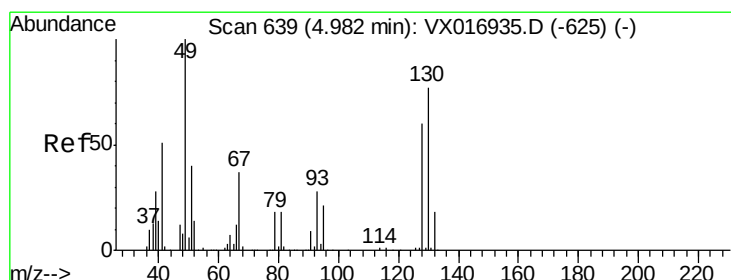
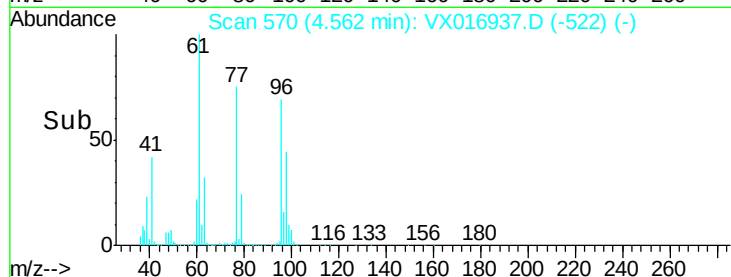
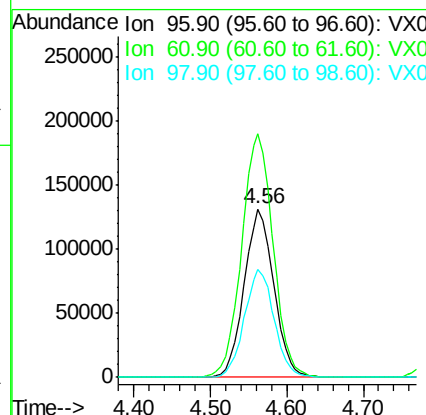
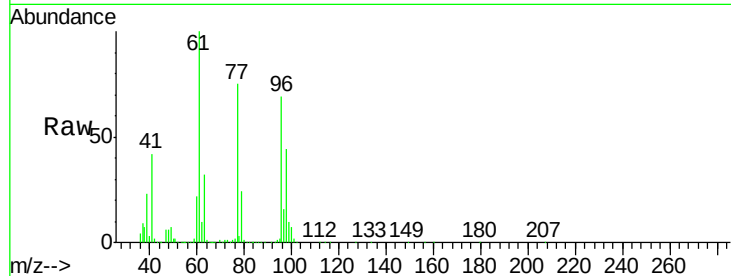
#27
 cis-1,2-Dichloroethene
 Concen: 141.709 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	354834		
61	152.6	0.0	312.2	
98	64.4	0.0	130.6	

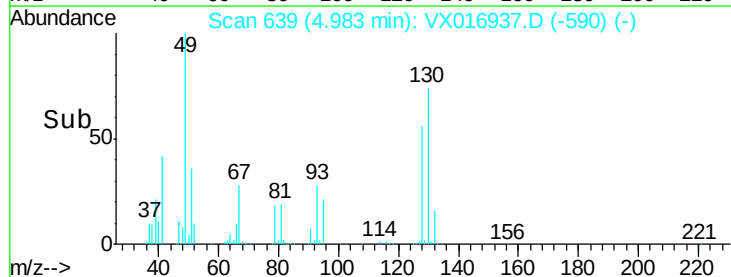
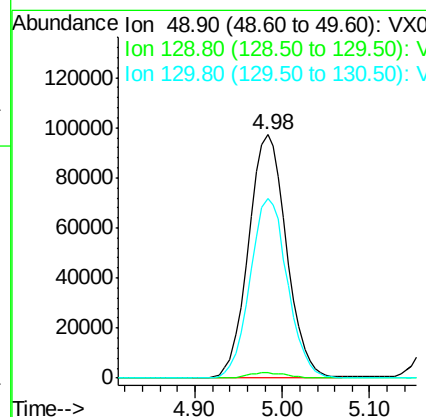
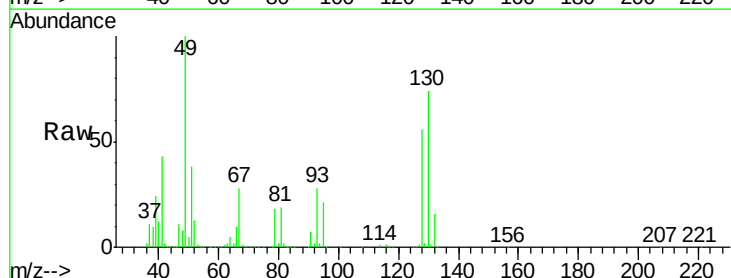
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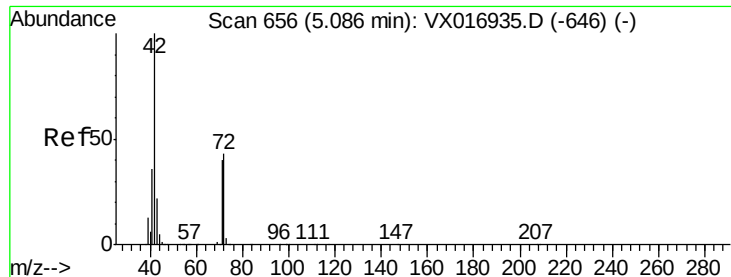
MMDadoda
 6/24/2020 10:54:40 AM



#28
 Bromochloromethane
 Concen: 136.702 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	293840		
129	2.2	0.0	4.0	
130	72.9	58.7	88.1	





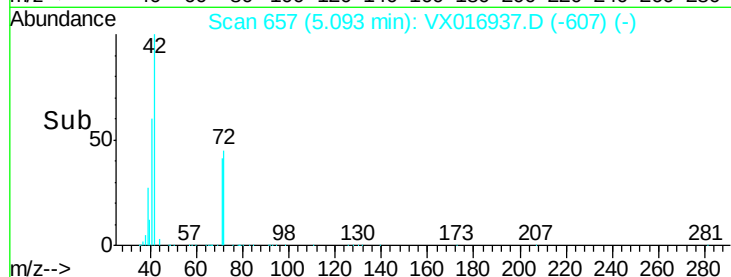
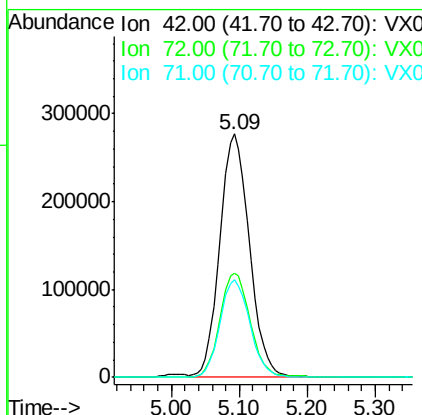
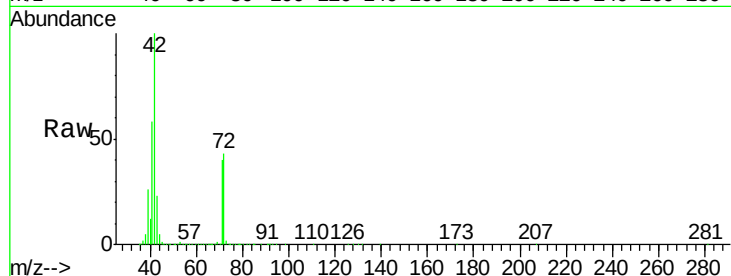
#29
Tetrahydrofuran
Concen: 818.237 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.9	52.3
71	40.3	32.2	48.4

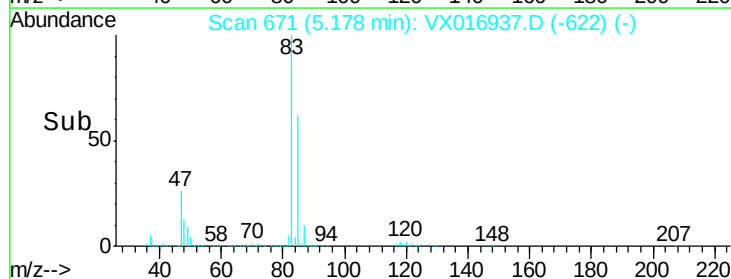
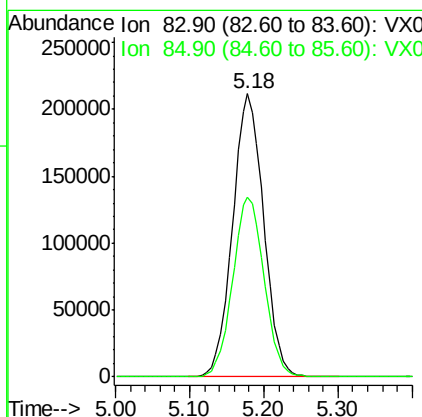
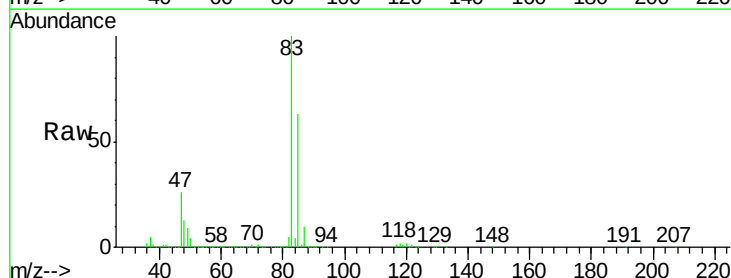
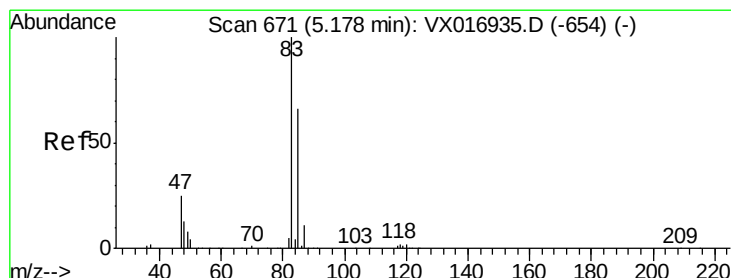
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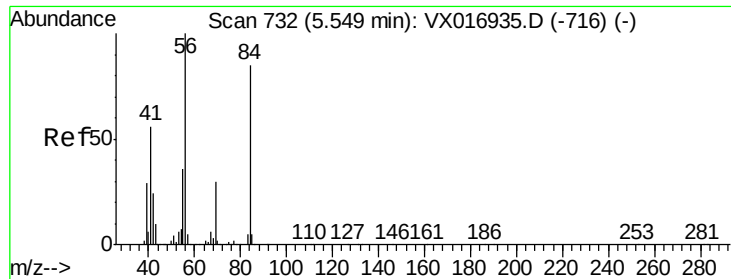
MMDadoda
6/24/2020 10:54:40 AM



#30
Chloroform
Concen: 141.451 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.8	79.2





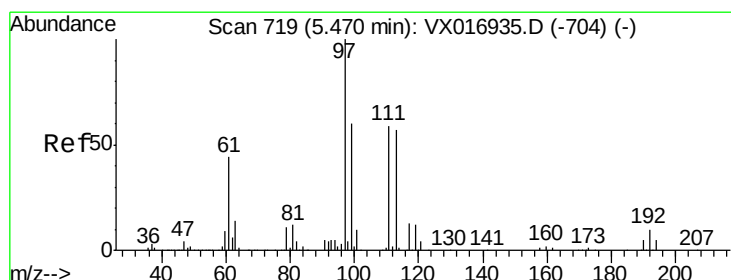
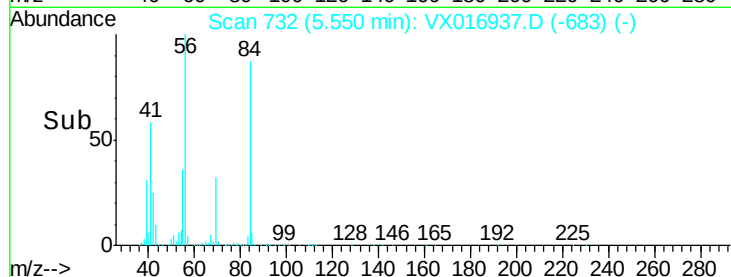
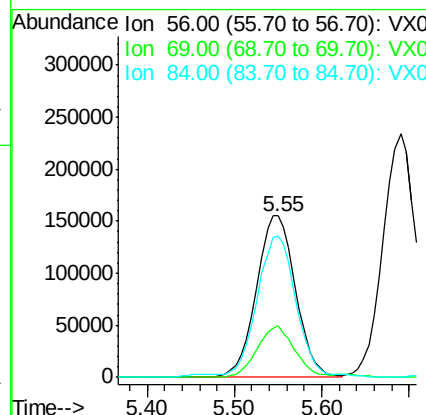
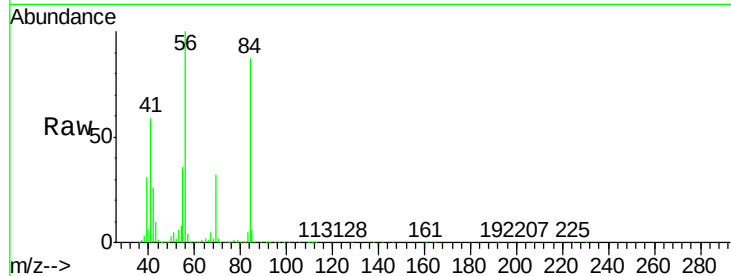
#31
Cyclohexane
Concen: 146.696 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.4	36.6
84	86.0	67.0	100.6

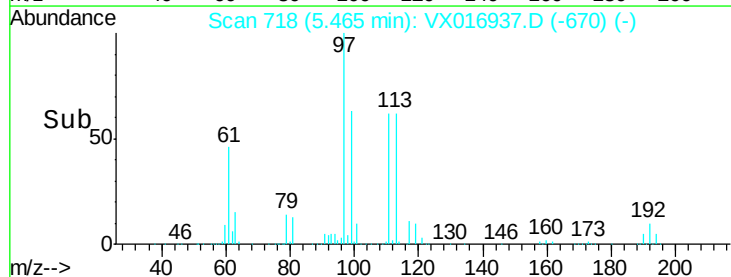
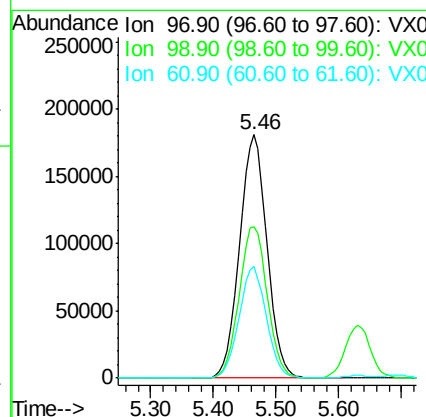
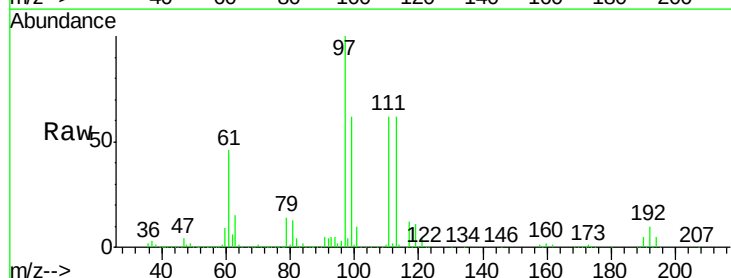
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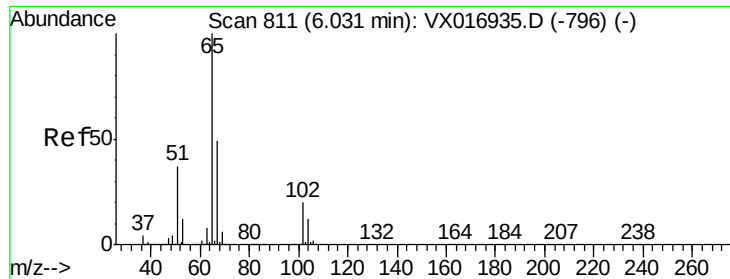
MMDadoda
6/24/2020 10:54:40 AM



#32
1,1,1-Trichloroethane
Concen: 143.159 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	76.0
61	45.8	36.1	54.1





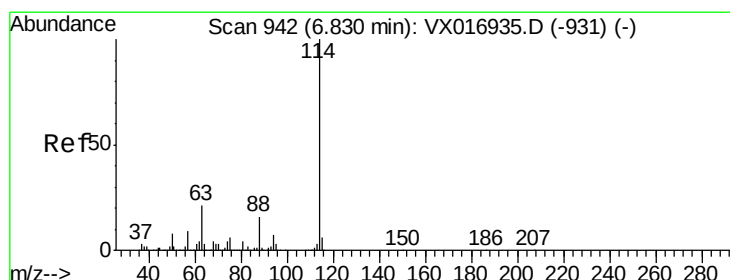
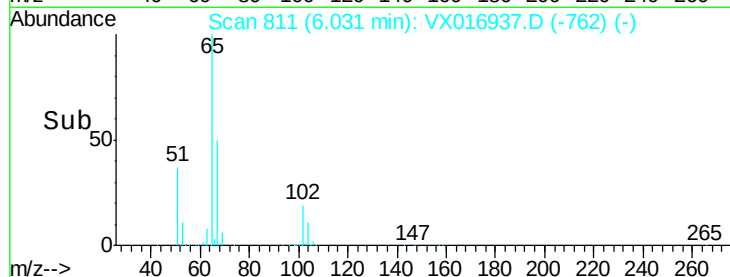
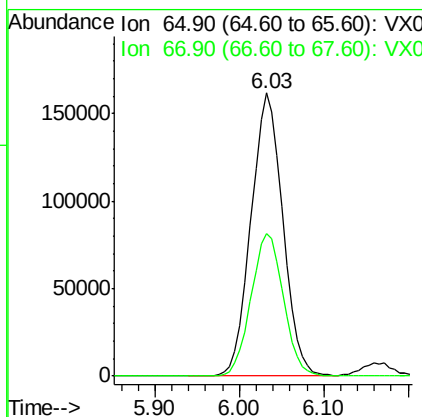
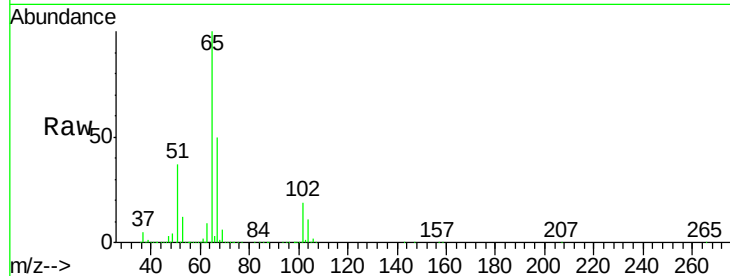
#33
 1,2-Dichloroethane-d4
 Concen: 150.042 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6

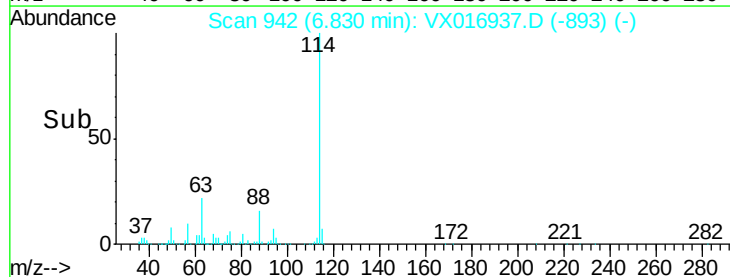
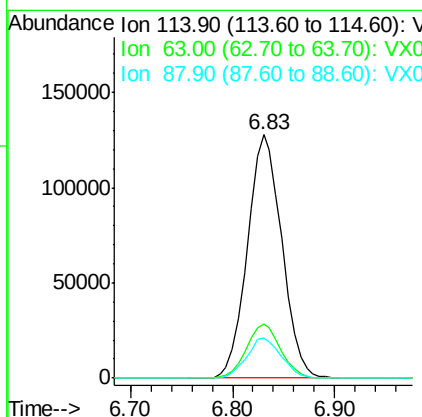
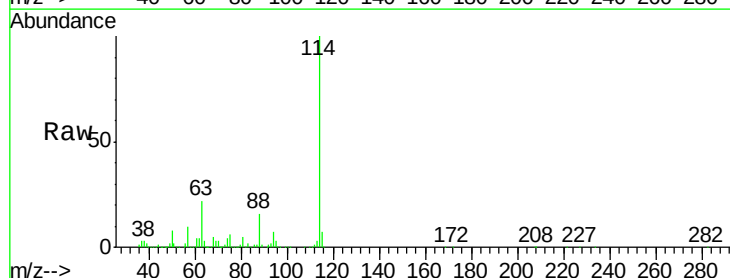
Manual Integrations
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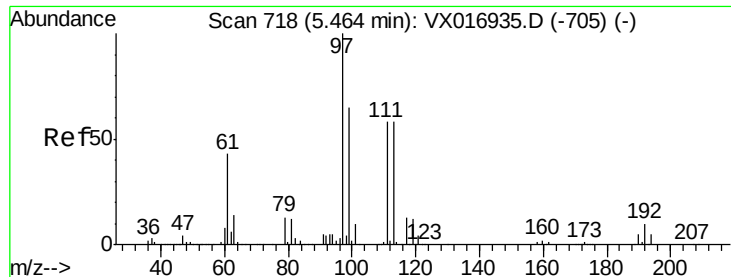
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	41.4
88	16.4	0.0	32.4





#35

Dibromofluoromethane

Concen: 153.844 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

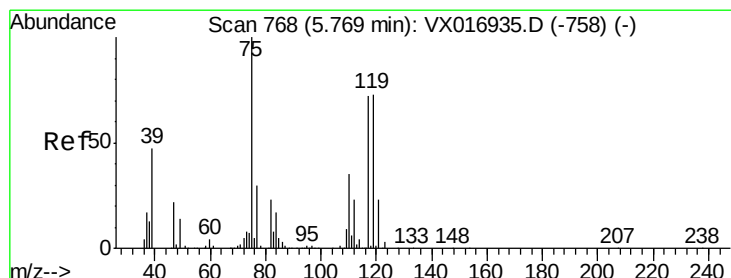
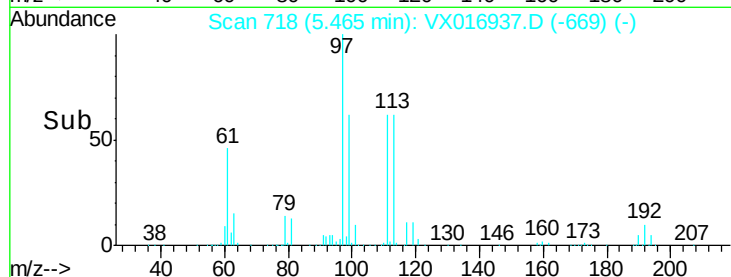
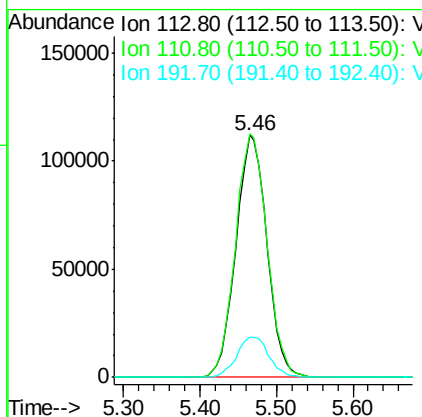
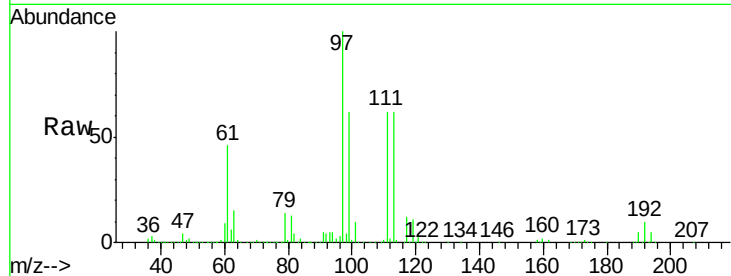
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	315071
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.4	125.0
192	17.3	14.6	22.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 149.897 ug/l

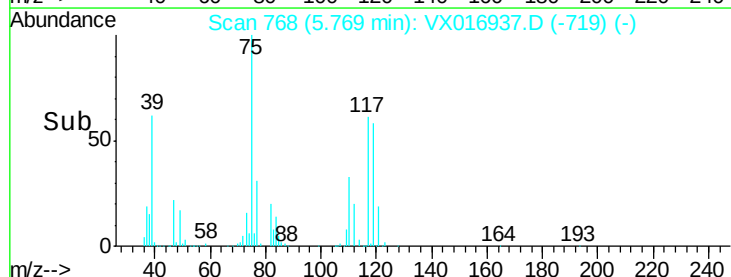
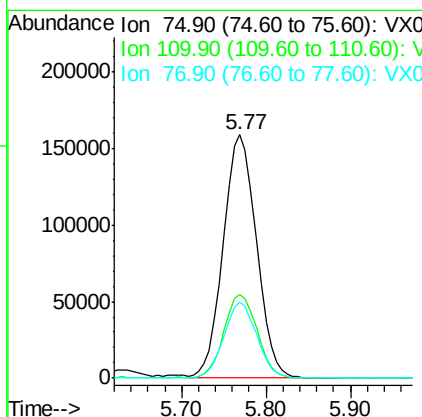
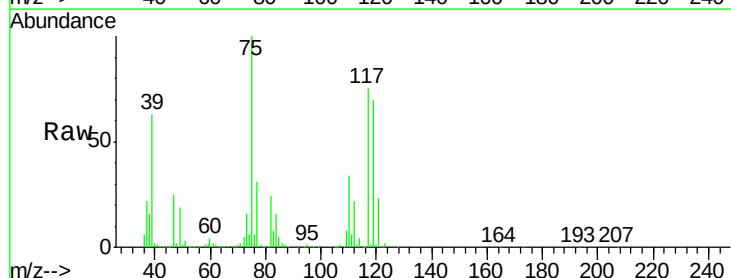
RT: 5.77 min Scan# 768

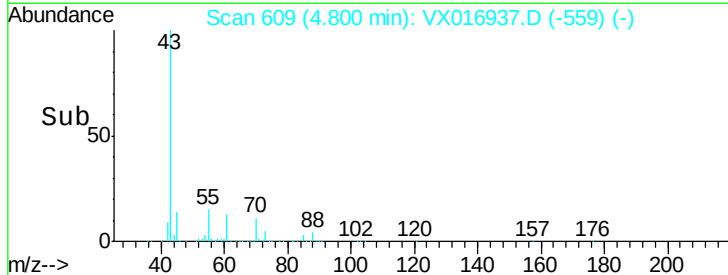
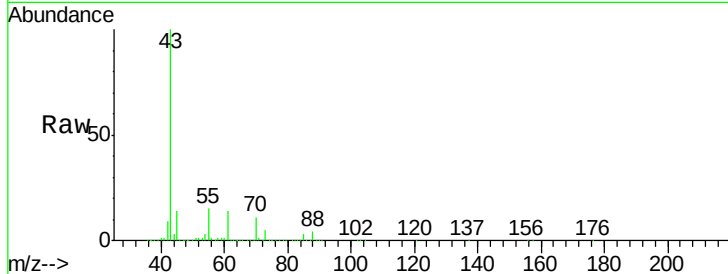
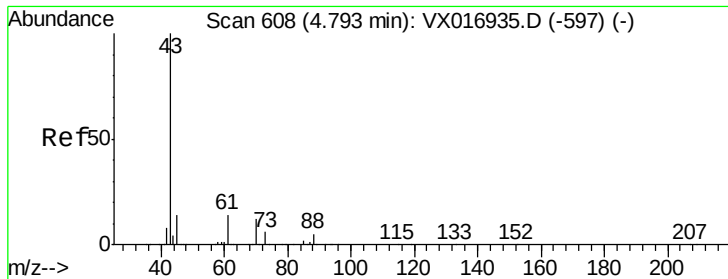
Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Tgt Ion:	75	Resp:	427851
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.1	51.3
77	30.9	24.9	37.3





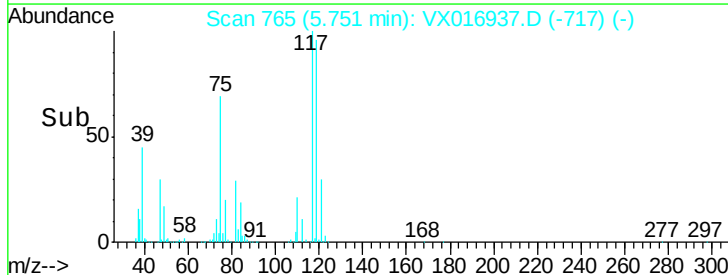
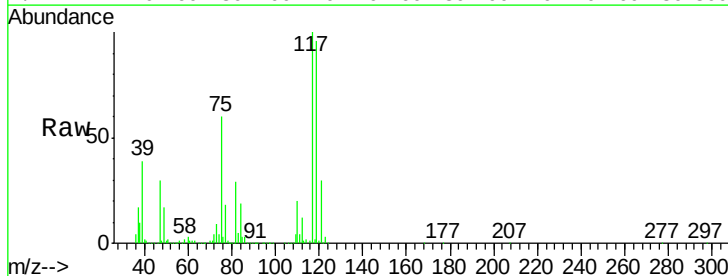
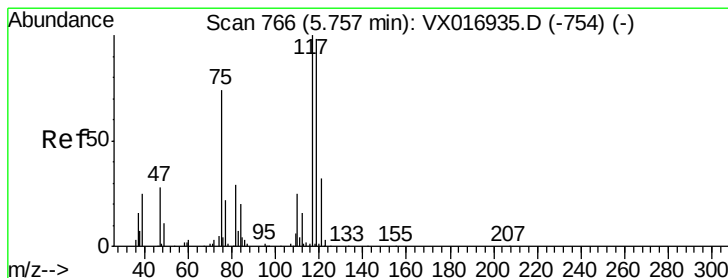
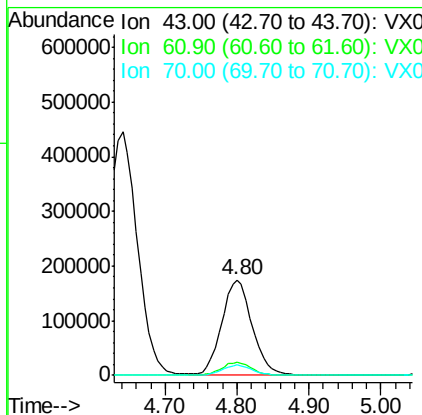
#37
Ethyl Acetate
Concen: 162.860 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.4
70	10.6	8.9	13.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

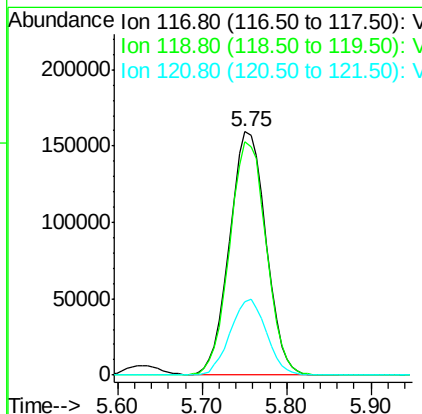
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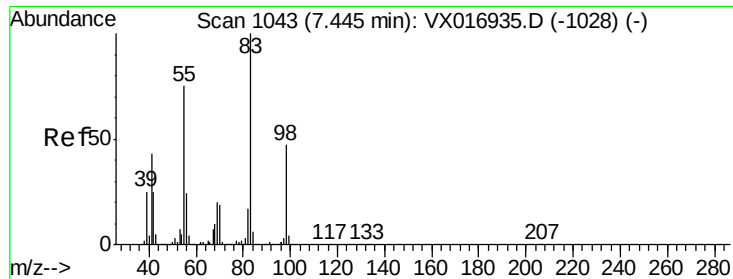
MMDadoda
6/24/2020 10:54:40 AM



#38
Carbon Tetrachloride
Concen: 153.142 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.2	117.2
121	30.3	25.0	37.6





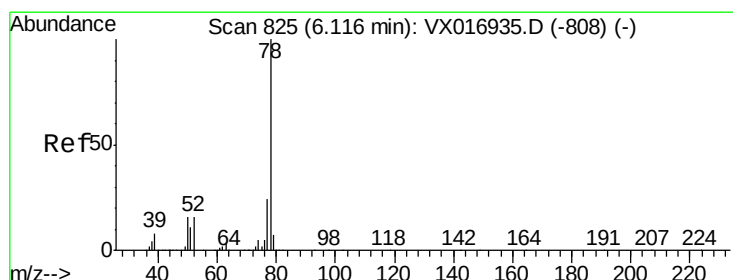
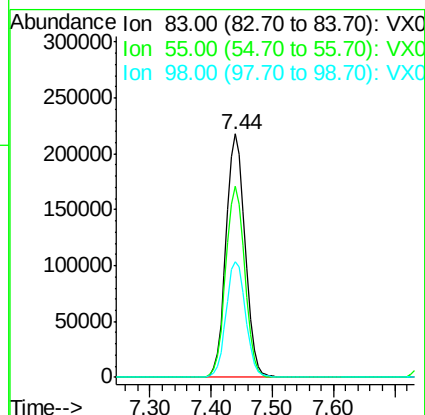
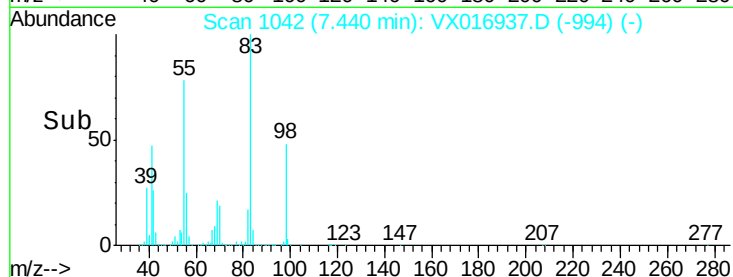
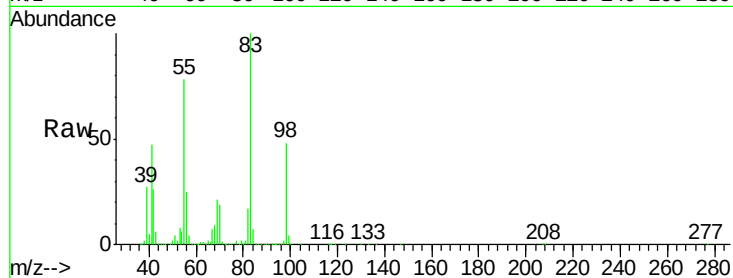
#39
Methylvlcyclohexane
Concen: 148.990 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	59.9	89.9
98	47.7	37.3	55.9

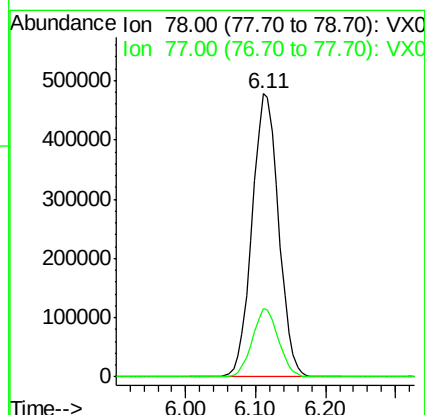
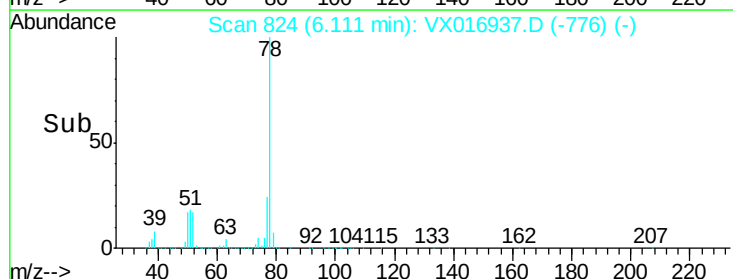
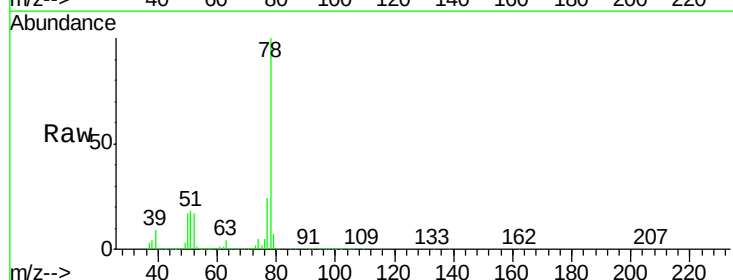
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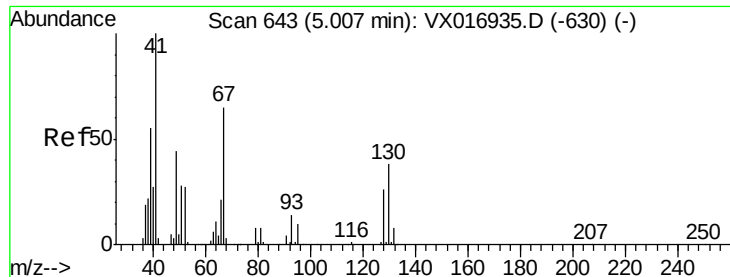
MMDadoda
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#40
Benzene
Concen: 153.614 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





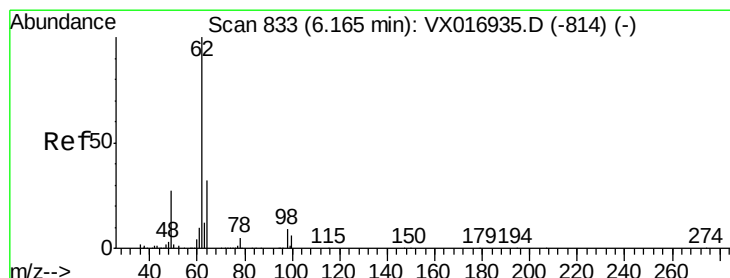
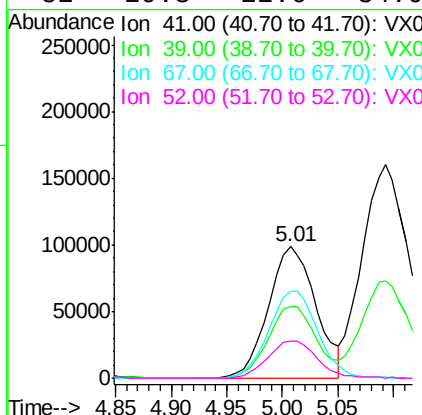
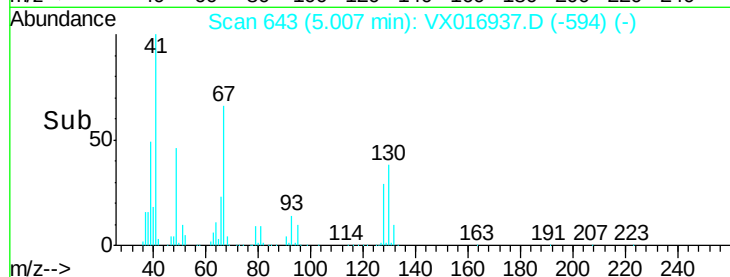
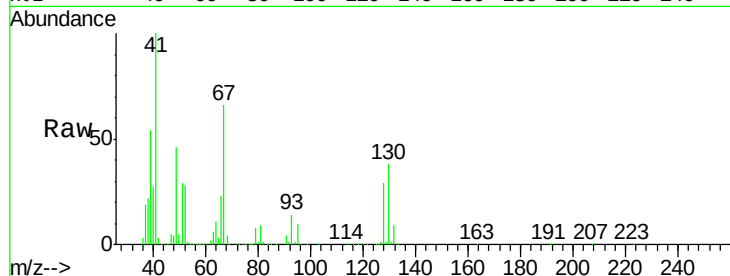
#41
Methacrylonitrile
Concen: 160.173 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	44.2	66.2	
67	68.4	55.1	82.7	
52	29.3	22.6	34.0	

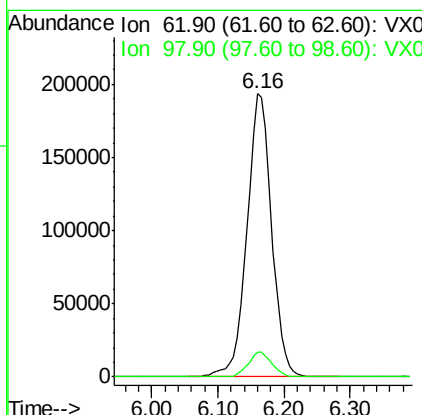
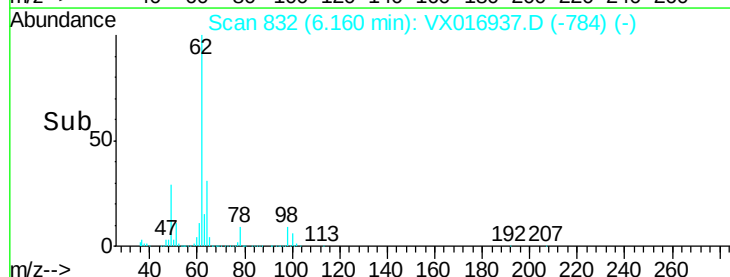
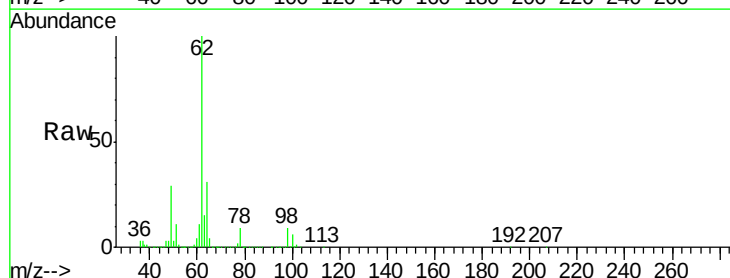
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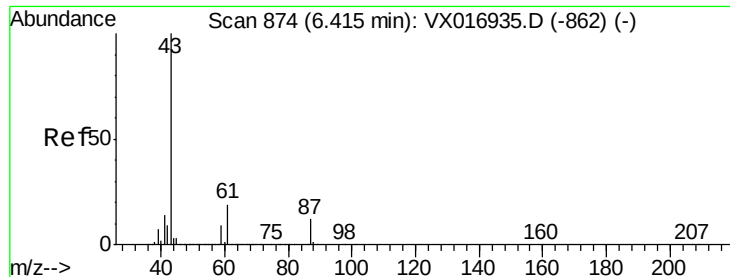
MMDadoda
6/24/2020 10:54:40 AM



#42
1,2-Dichloroethane
Concen: 150.073 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.0	





#43

Isopropyl Acetate

Concen: 159.399 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

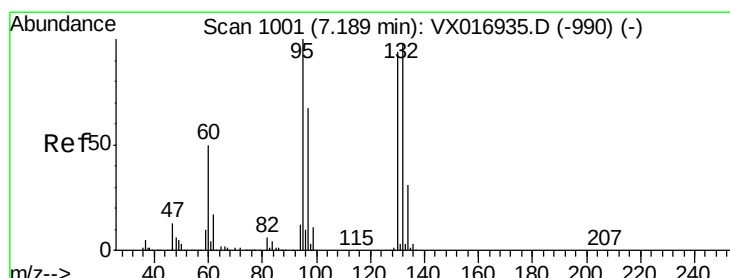
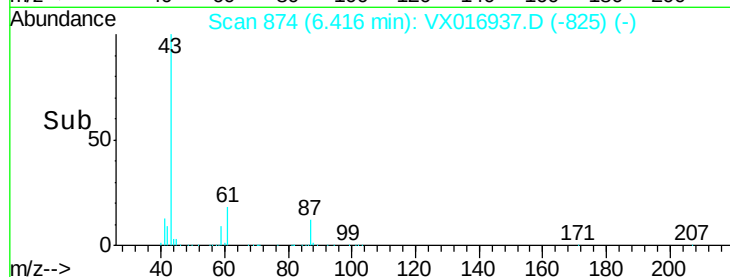
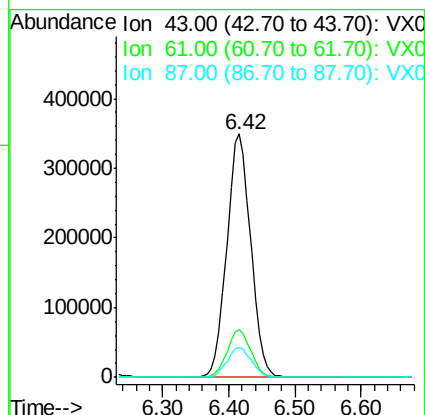
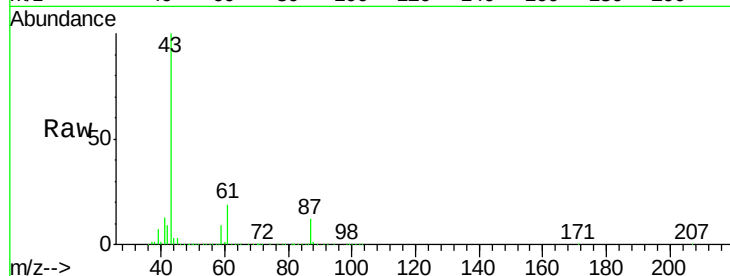
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	870986
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	12.6	10.2	15.2

Manual Integrations
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6/24/2020 10:54:40 AM



#44

Trichloroethene

Concen: 144.123 ug/l

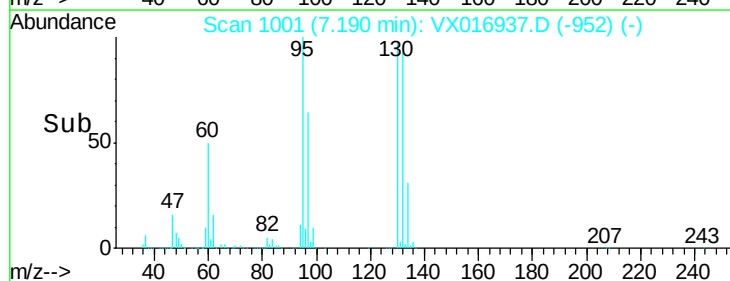
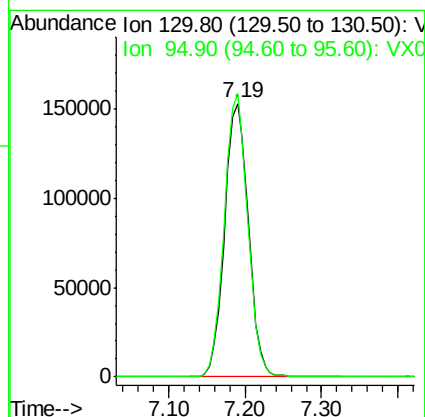
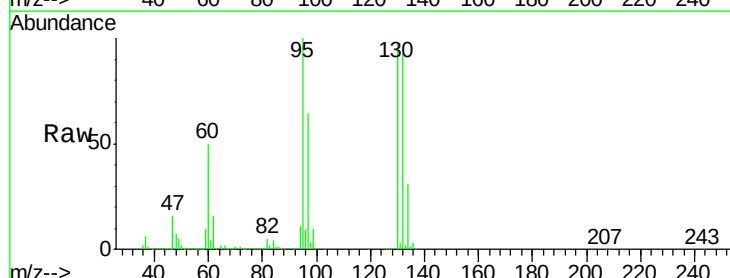
RT: 7.19 min Scan# 1001

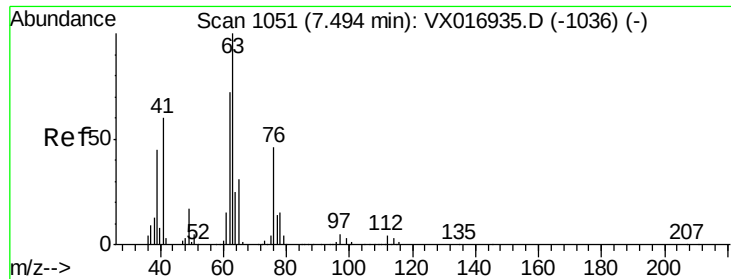
Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Tgt Ion:	130	Resp:	329911
Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	213.2





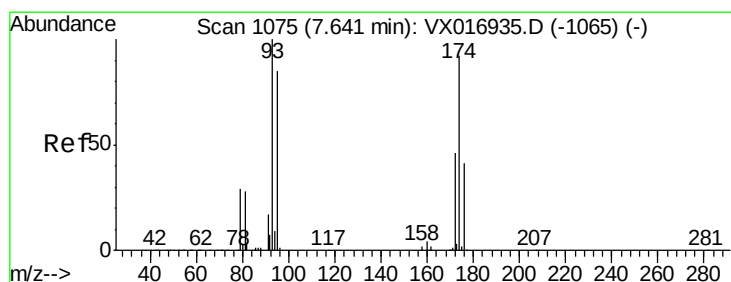
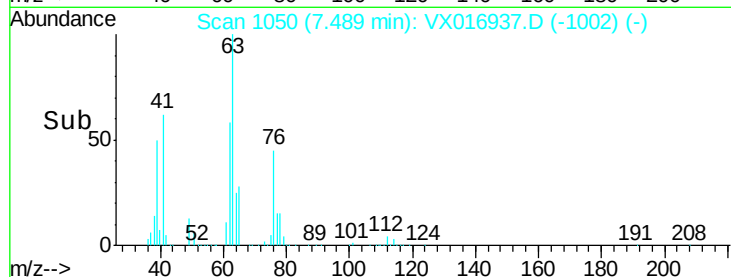
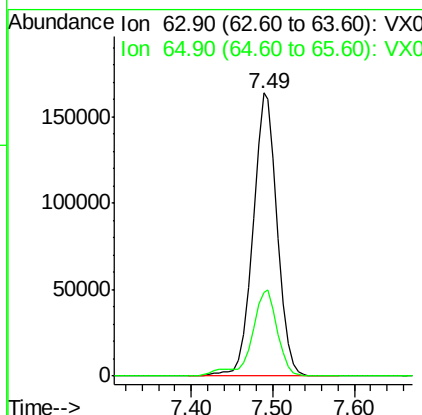
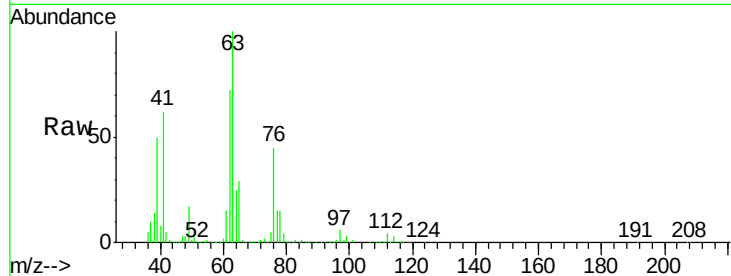
#45
1,2-Dichloropropane
Concen: 149.651 ug/l
RT: 7.49 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.4	36.6

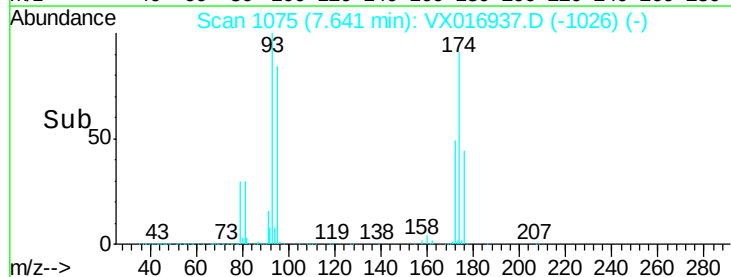
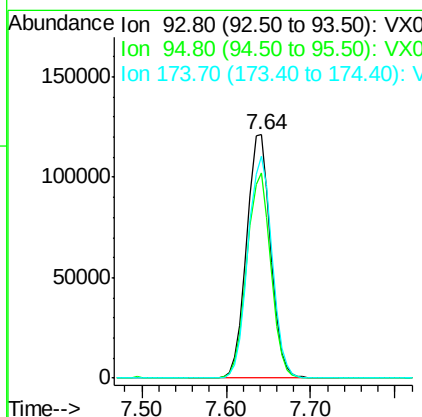
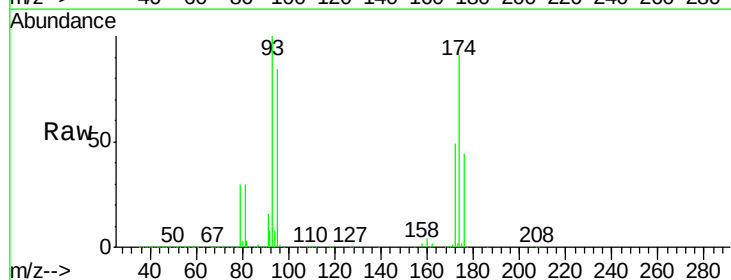
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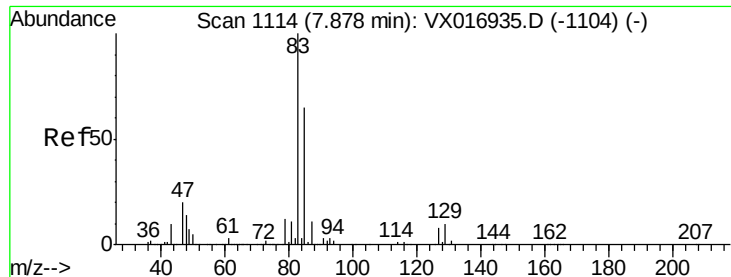
MMDadoda
6/24/2020 10:54:40 AM



#46
Dibromomethane
Concen: 148.441 ug/l
RT: 7.64 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.3	99.5
174	91.7	71.1	106.7





#47

Bromodichloromethane

Concen: 156.851 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

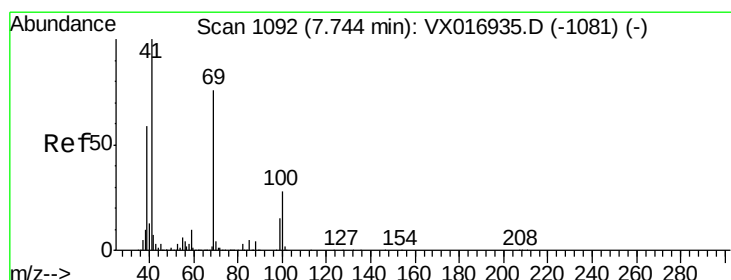
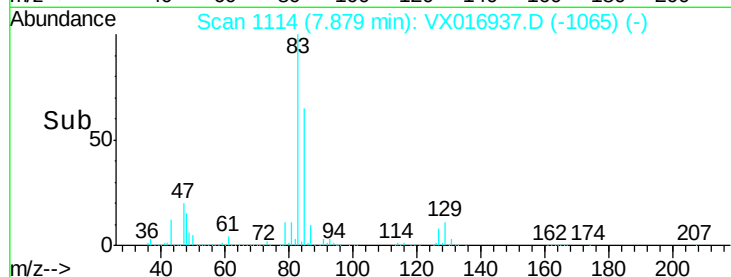
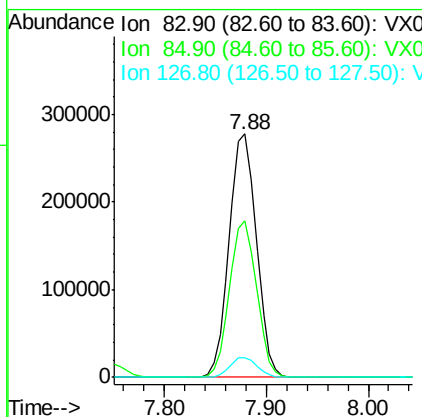
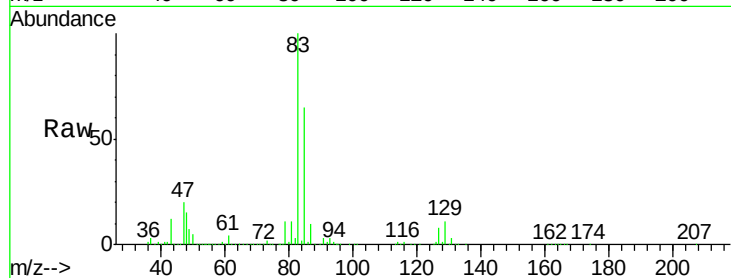
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	515158
Ion Ratio	Lower	Upper	
83	100		
85	64.5	52.4	78.6
127	8.2	6.7	10.1

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MMDadoda
6/24/2020 10:54:40 AM



#48

Methyl methacrylate

Concen: 167.408 ug/l

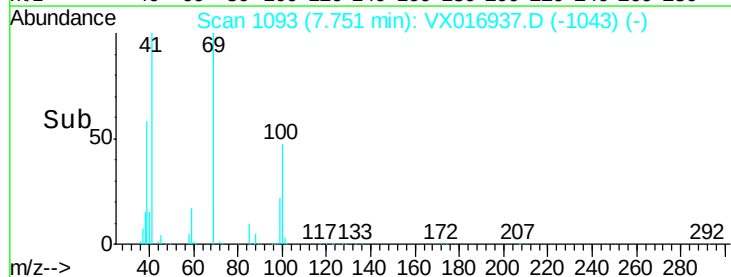
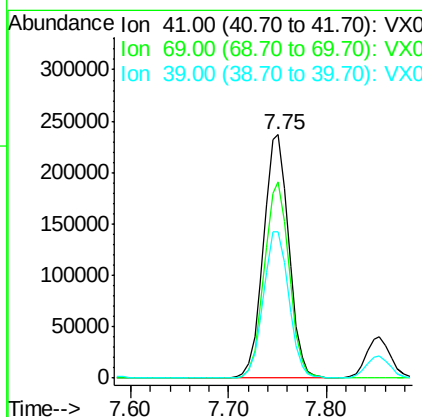
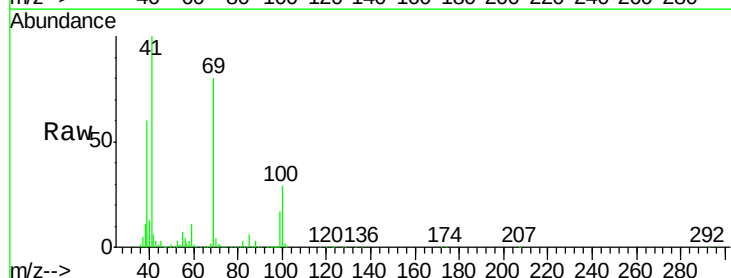
RT: 7.75 min Scan# 1093

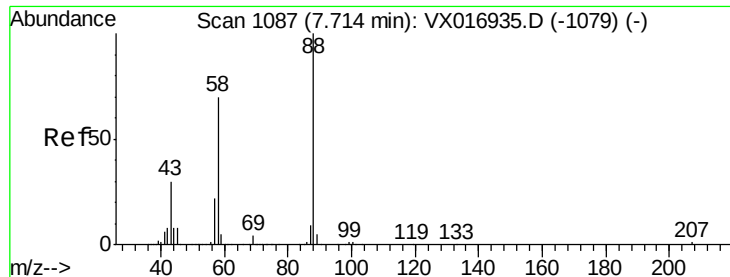
Delta R.T. 0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Tgt Ion:	41	Resp:	425344
Ion Ratio	Lower	Upper	
41	100		
69	79.2	62.5	93.7
39	60.5	49.1	73.7





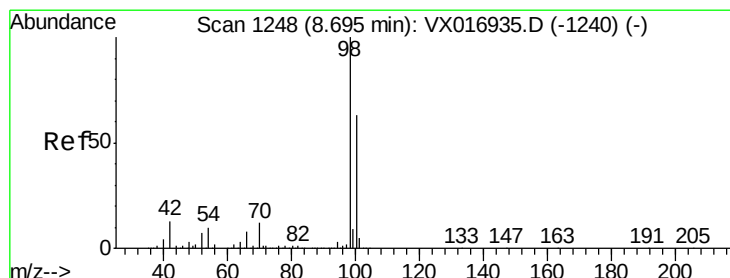
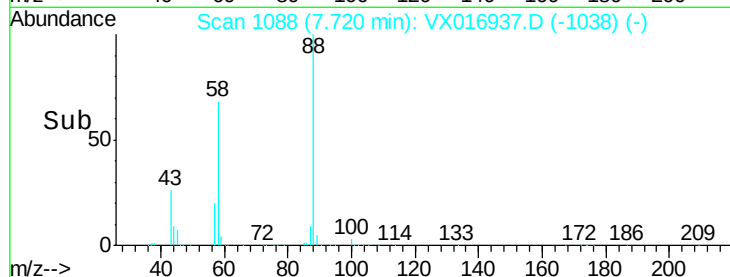
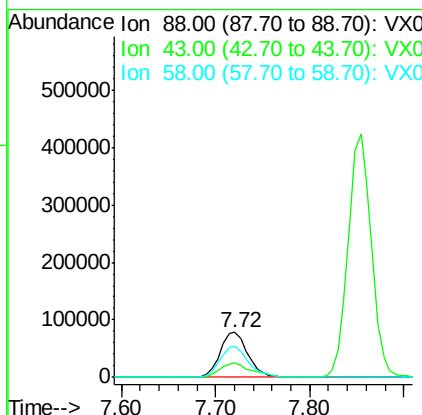
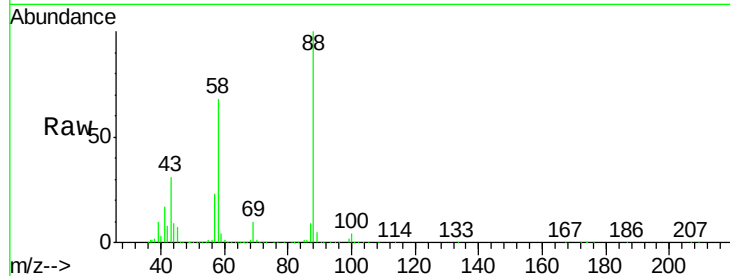
#49
1,4-Dioxane
Concen: 2926.227 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.3	40.9
58	71.9	57.4	86.0

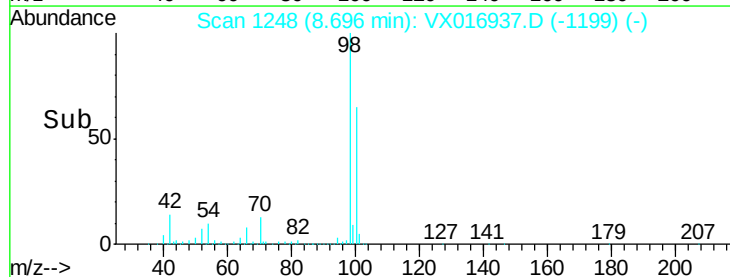
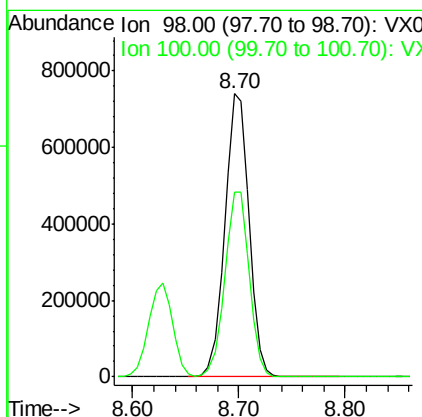
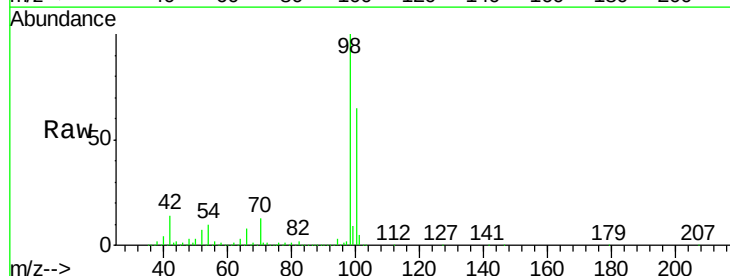
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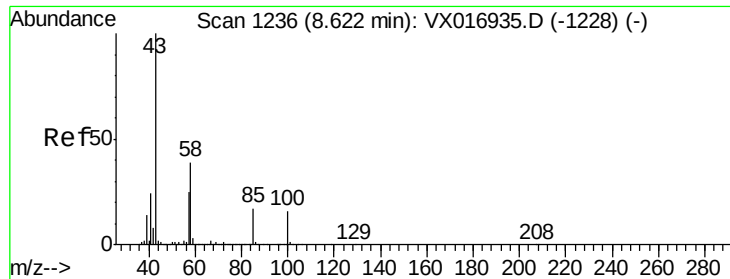
MMDadoda
6/24/2020 10:54:40 AM



#50
Toluene-d8
Concen: 162.293 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.3	78.5





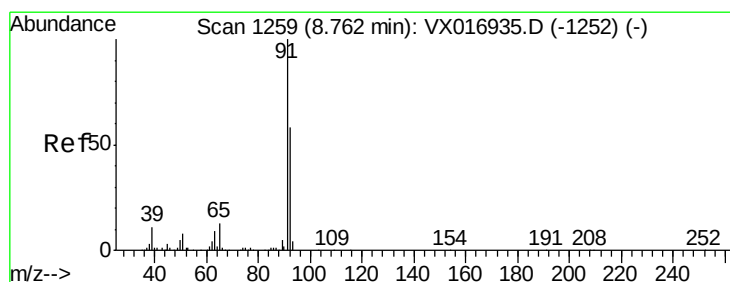
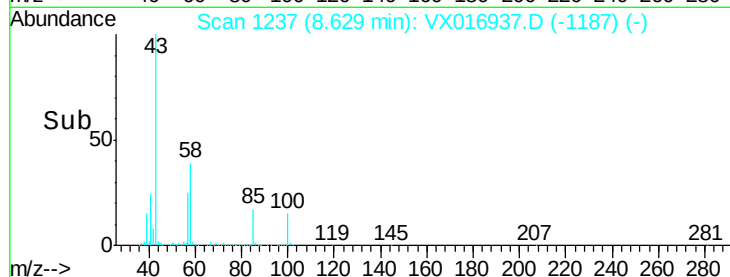
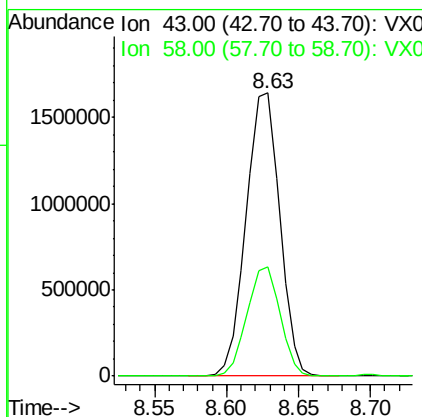
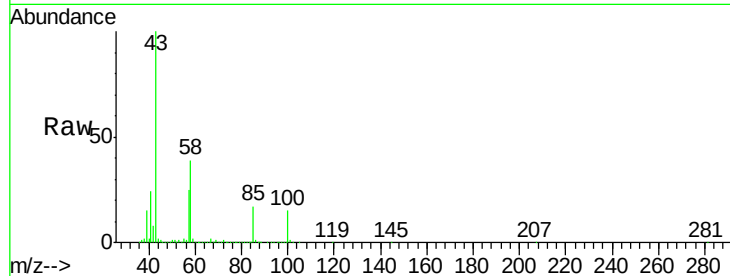
#51
 4-Methyl-2-Pentanone
 Concen: 836.820 ug/l
 RT: 8.63 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 2663416
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.6 46.0

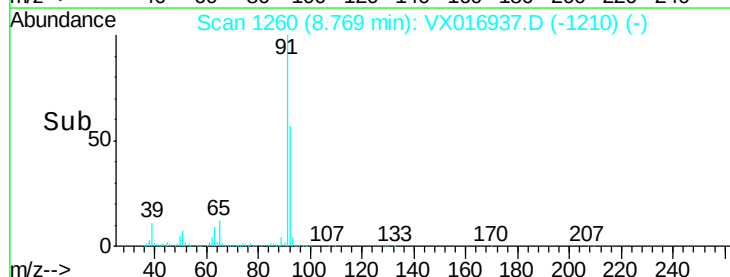
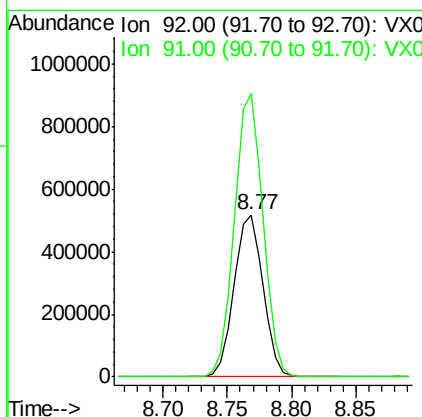
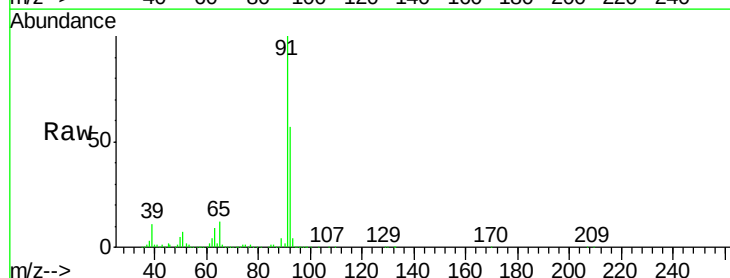
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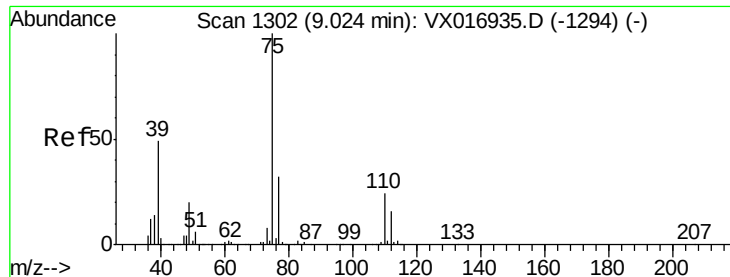
MMDadoda
 6/24/2020 10:54:40 AM



#52
 Toluene
 Concen: 160.966 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion: 92 Resp: 808610
 Ion Ratio Lower Upper
 92 100
 91 172.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 156.911 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 593196

Ion Ratio Lower Upper

75 100

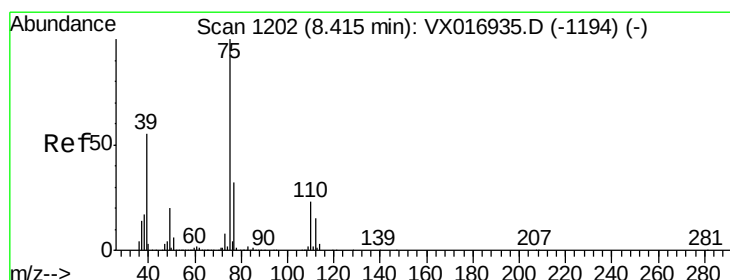
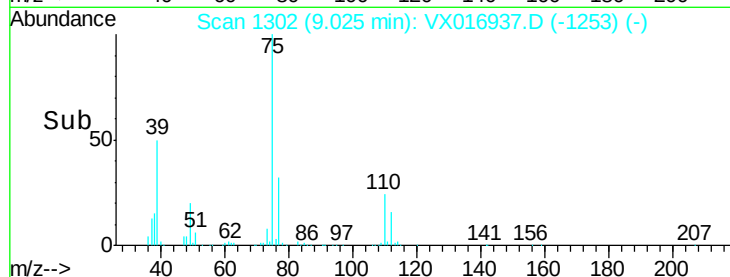
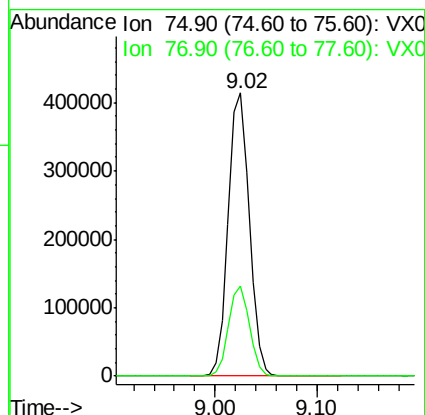
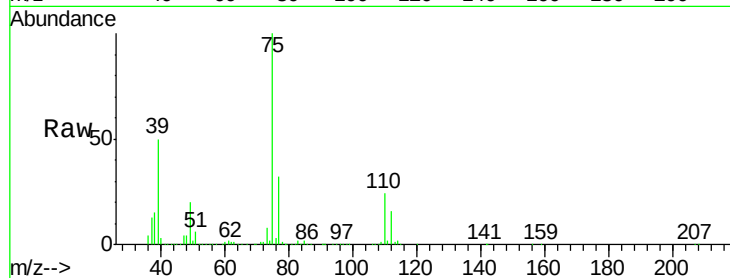
77 32.0 25.7 38.5

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6/24/2020 10:54:40 AM



#54

cis-1,3-Dichloropropene

Concen: 162.378 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

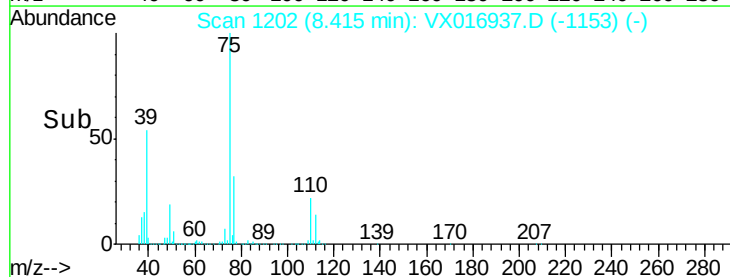
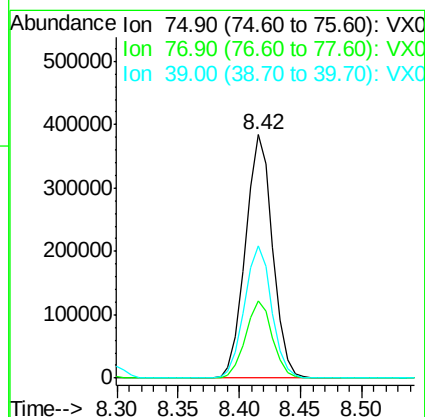
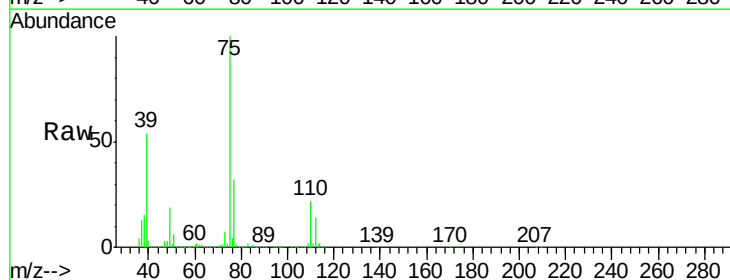
Tgt Ion: 75 Resp: 592348

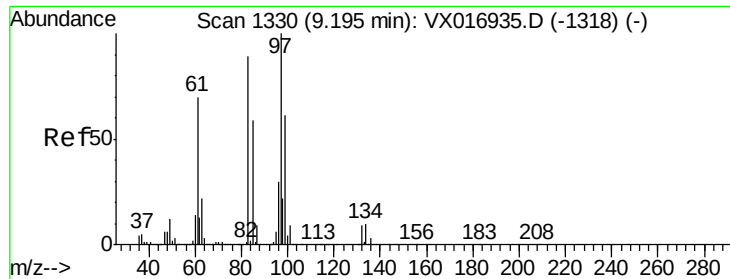
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 54.3 44.4 66.6





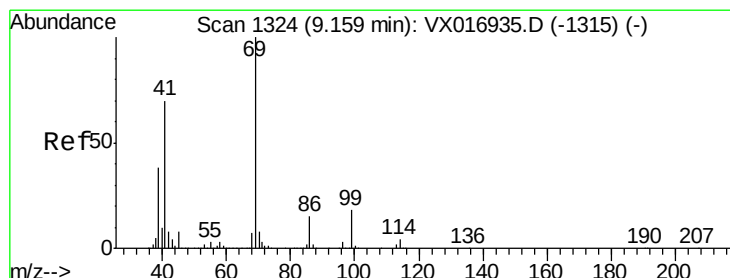
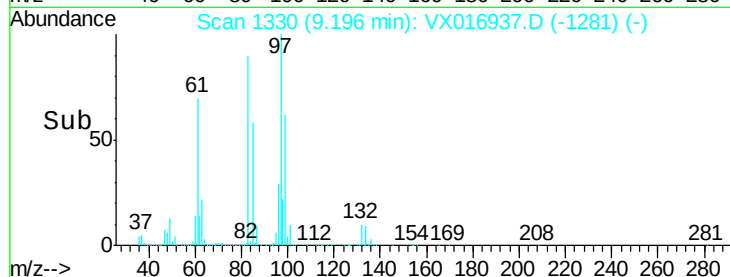
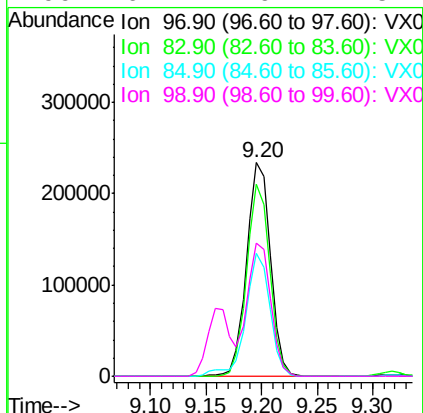
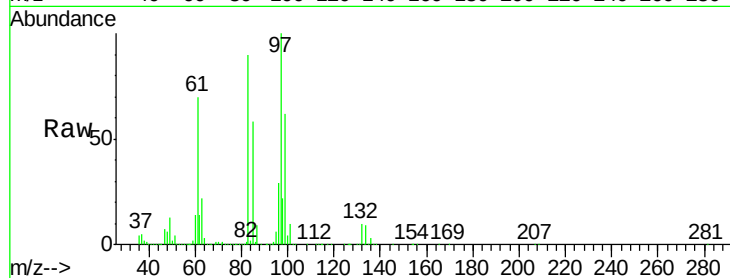
#55
 1,1,2-Trichloroethane
 Concen: 153.790 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		349896		
83	89.7	71.3	106.9		
85	57.6	47.4	71.2		
99	62.1	49.1	73.7		

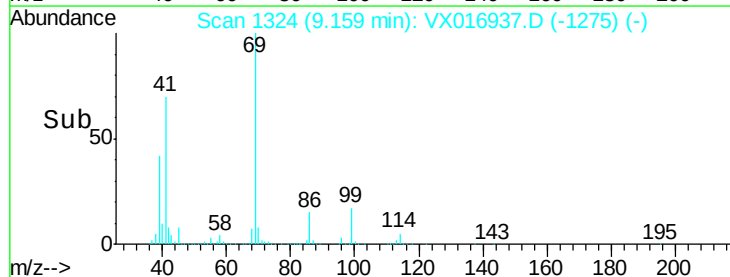
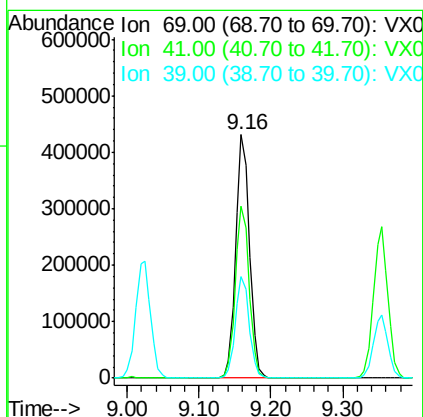
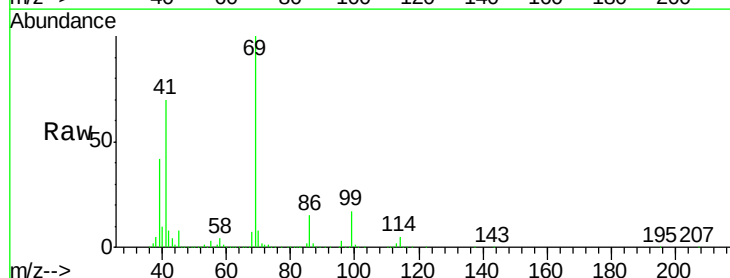
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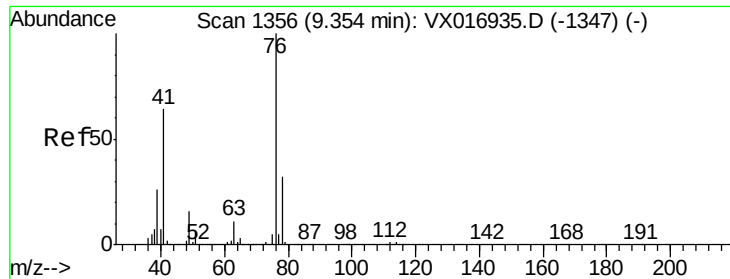
MMDadoda
 6/24/2020 10:54:40 AM



#56
 Ethyl methacrylate
 Concen: 164.328 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		579101		
41	70.9	56.6	84.8		
39	42.0	31.8	47.8		





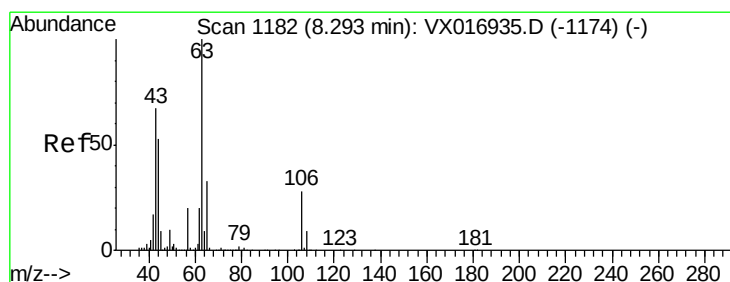
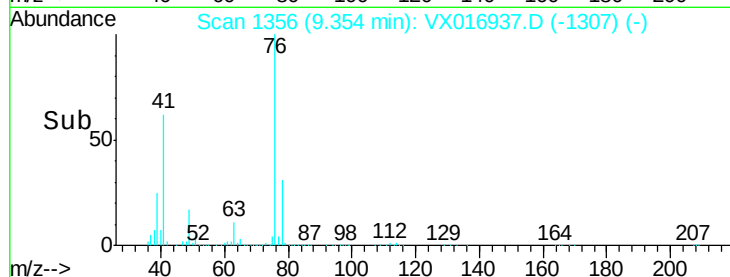
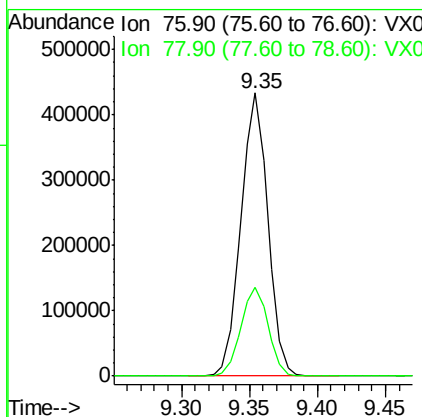
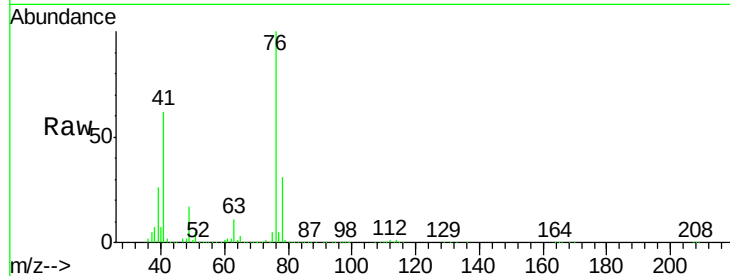
#57
 1,3-Dichloropropane
 Concen: 157.013 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

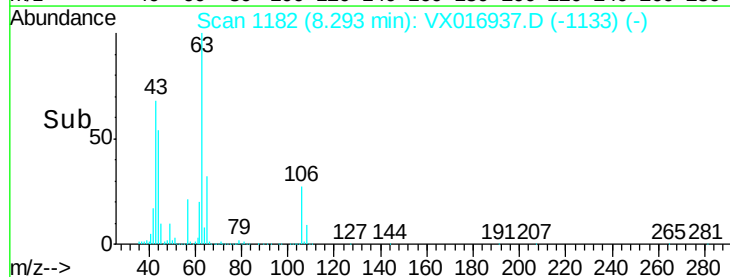
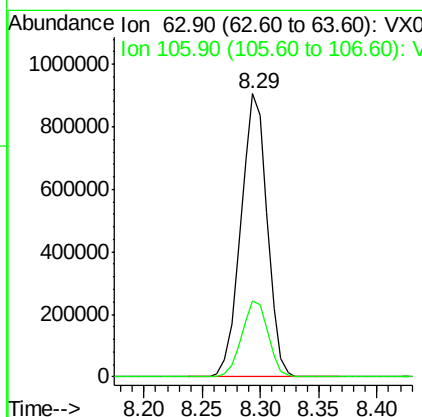
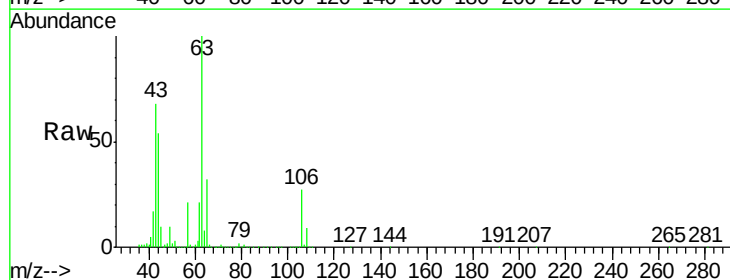
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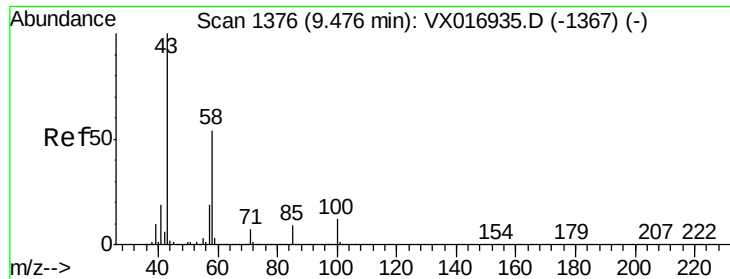
MMDadoda
 6/24/2020 10:54:40 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 987.650 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	22.4	33.6





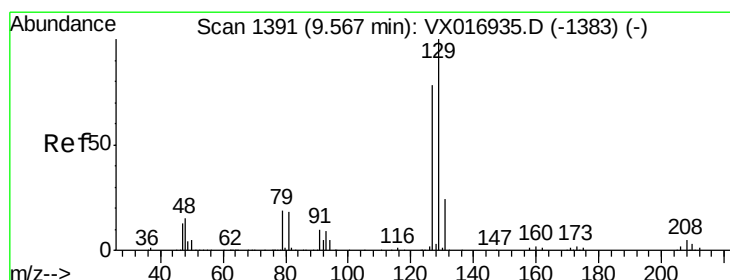
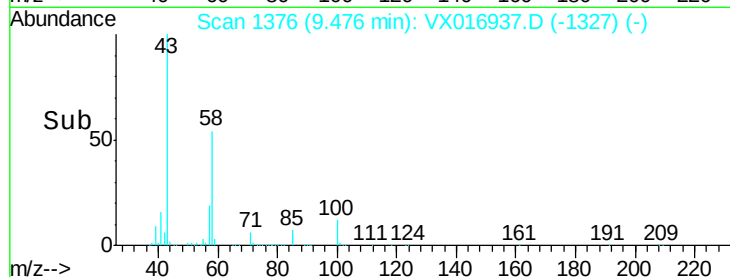
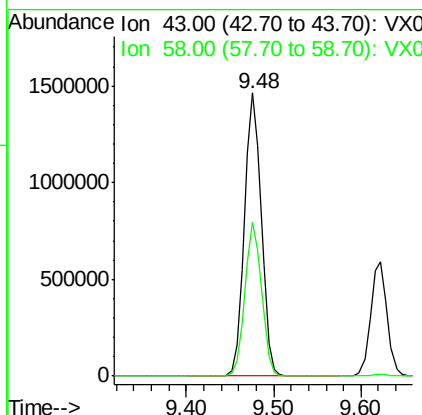
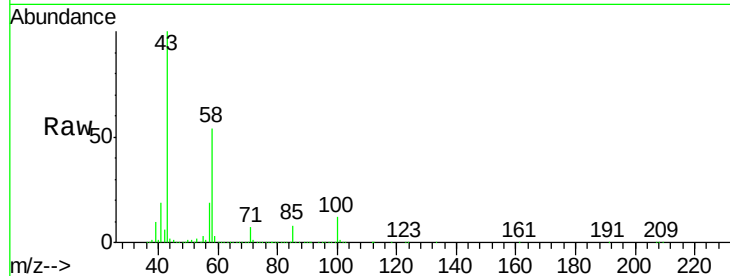
#59
2-Hexanone
Concen: 804.900 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1961710
Ion Ratio Lower Upper
43 100
58 53.3 26.8 80.4

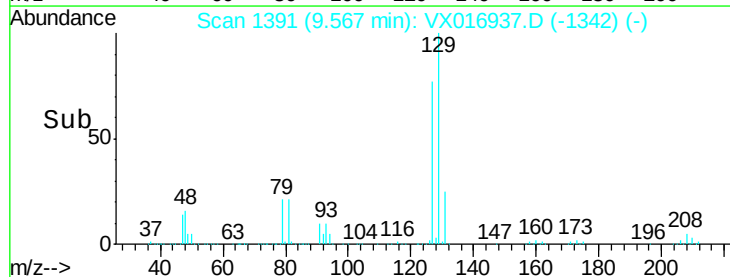
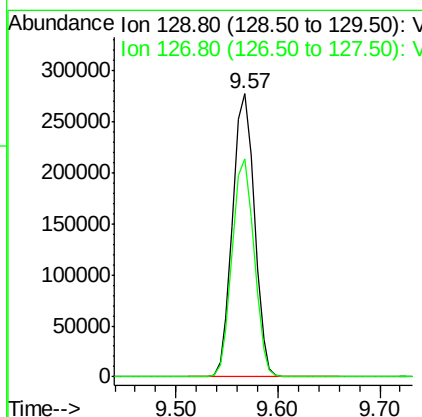
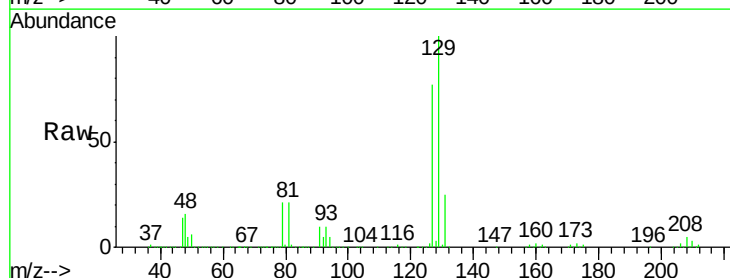
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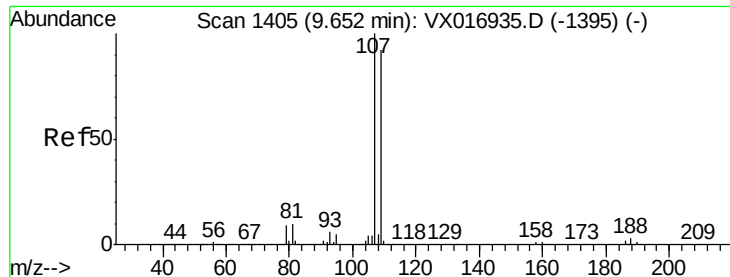
MMDadoda
6/24/2020 10:54:40 AM



#60
Dibromochloromethane
Concen: 164.717 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 129 Resp: 409949
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





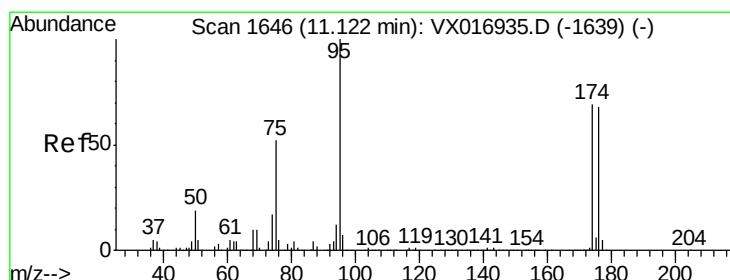
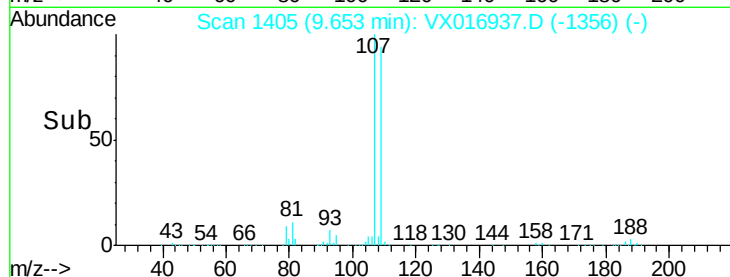
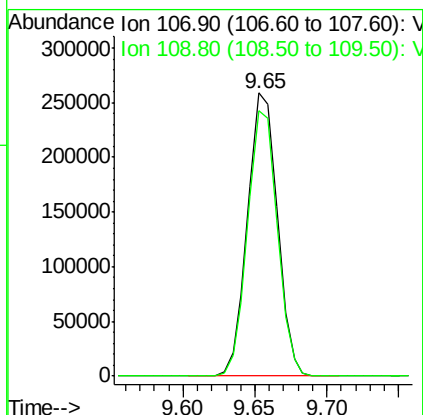
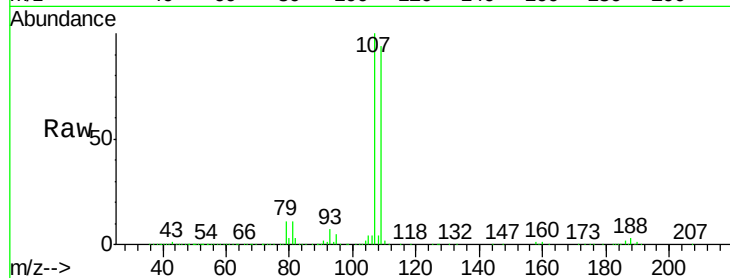
#61
 1,2-Dibromoethane
 Concen: 158.207 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	73.8	110.8

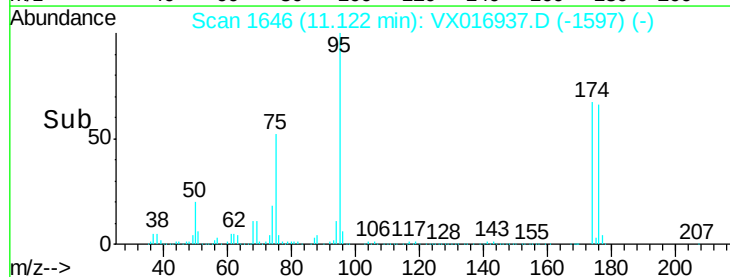
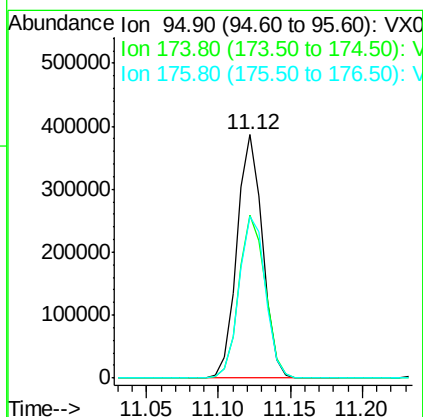
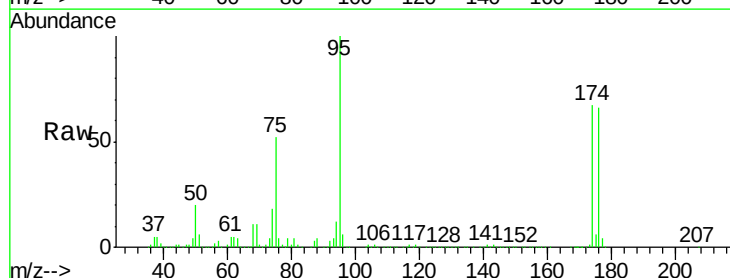
Manual Integrations
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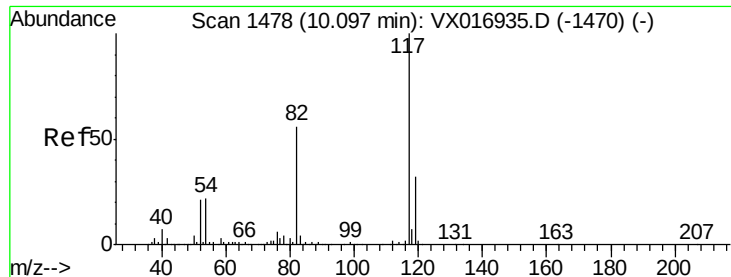
MMDadoda
 6/24/2020 10:54:40 AM



#62
 4-Bromofluorobenzene
 Concen: 164.804 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.8	0.0	138.0
176	68.3	0.0	135.4





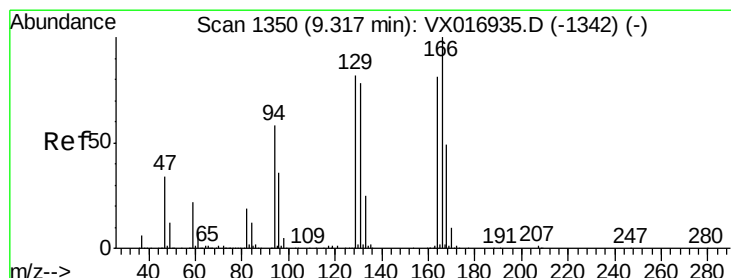
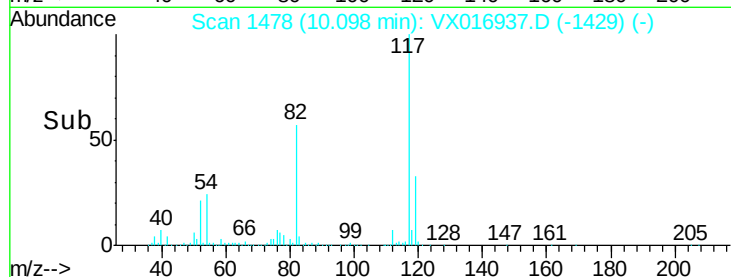
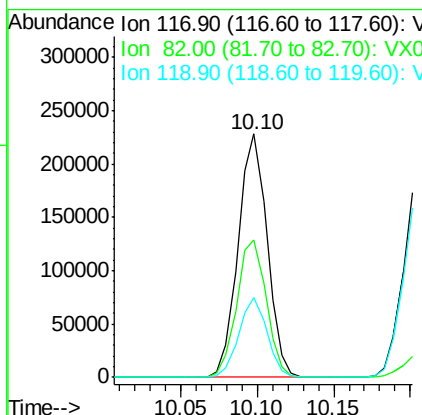
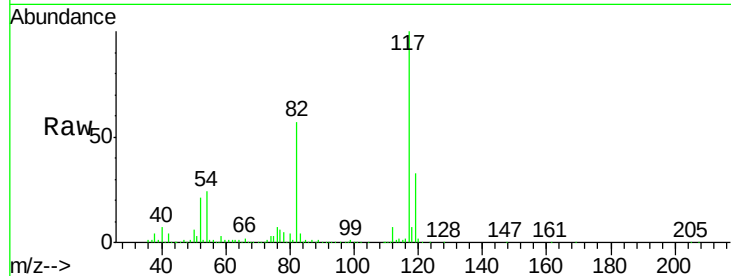
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.7	67.1
119	32.6	25.4	38.0

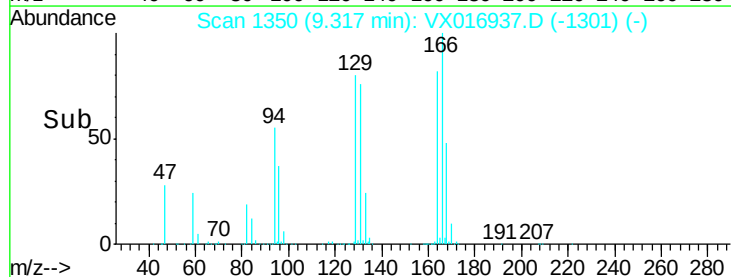
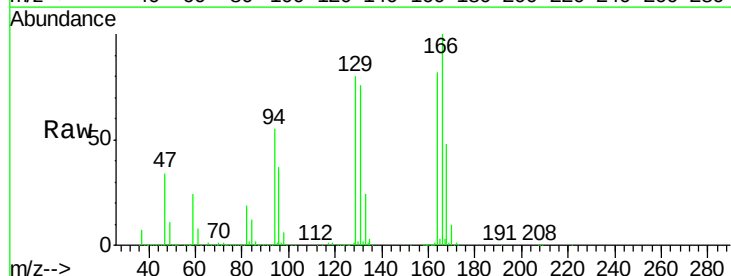
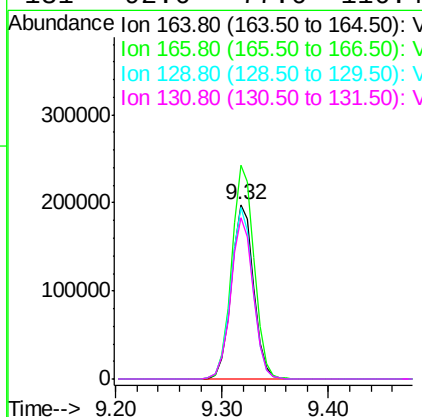
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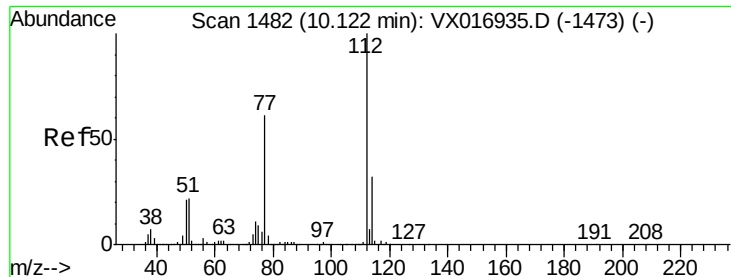
MMDadoda
6/24/2020 10:54:40 AM



#64
Tetrachloroethene
Concen: 141.482 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.4	99.3	148.9
129	98.4	81.4	122.0
131	92.6	77.6	116.4





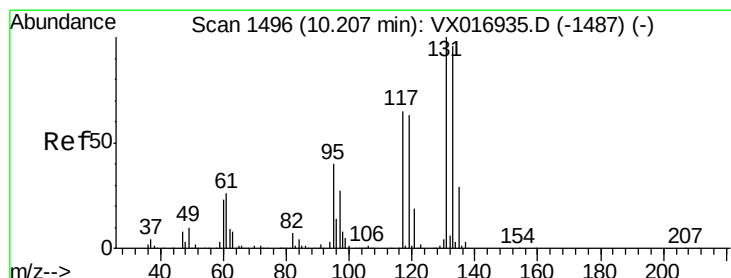
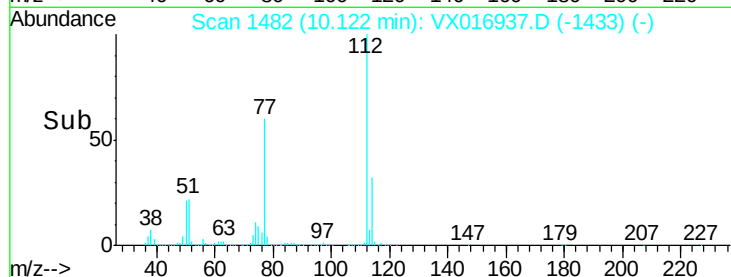
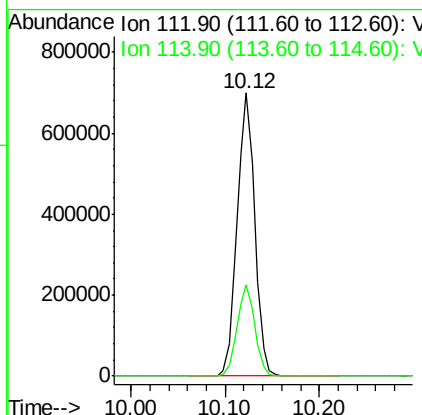
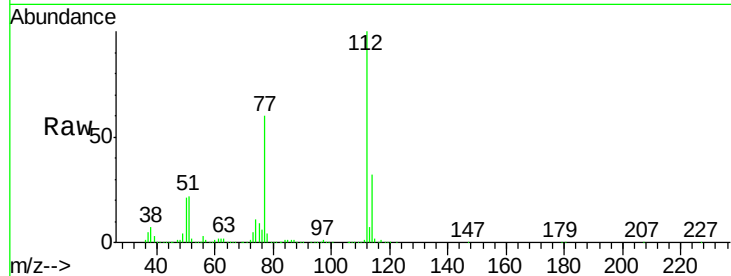
#65
Chlorobenzene
Concen: 147.260 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.5	38.3

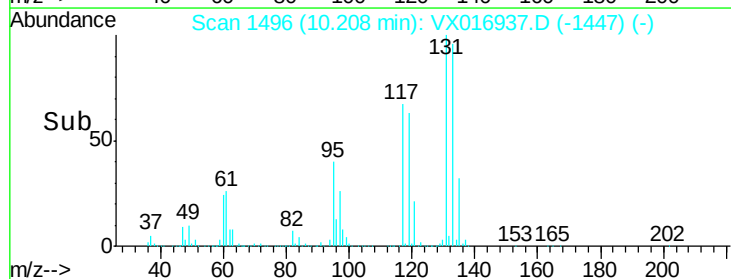
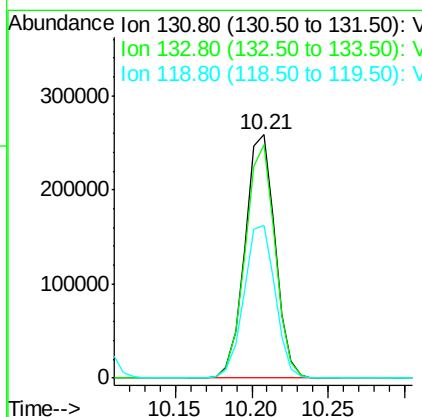
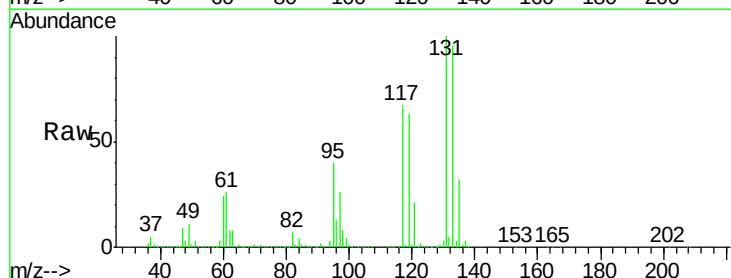
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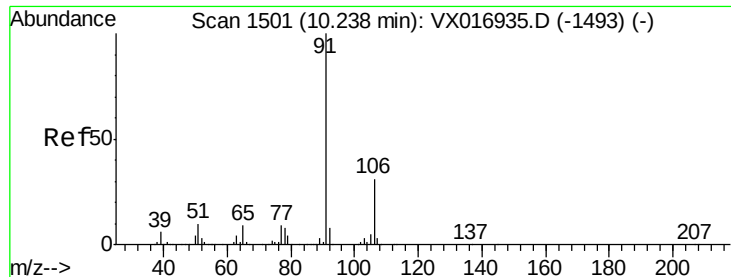
MMDadoda
6/24/2020 10:54:40 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 148.499 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.3	144.9
119	64.8	32.7	98.1





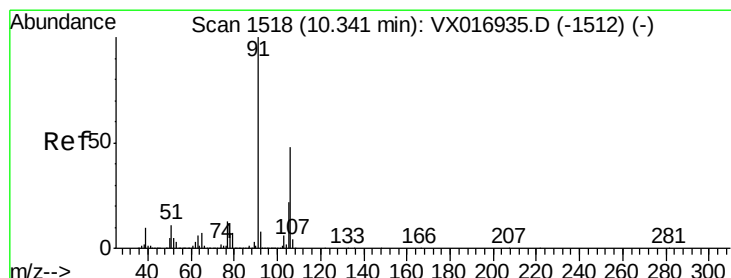
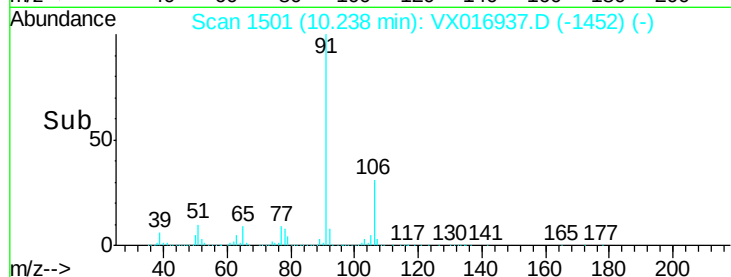
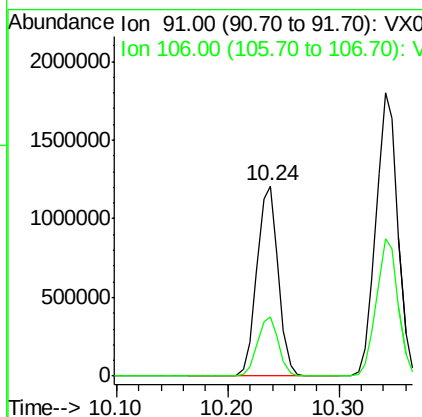
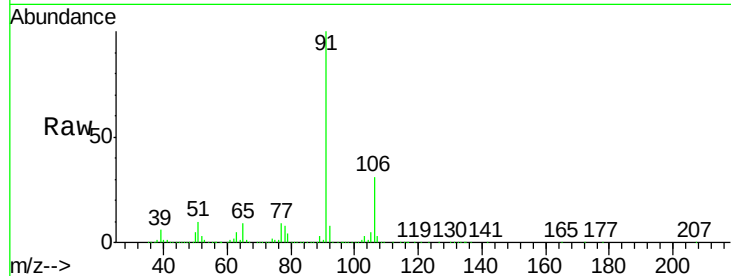
#67
Ethyl Benzene
Concen: 147.184 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1616226
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

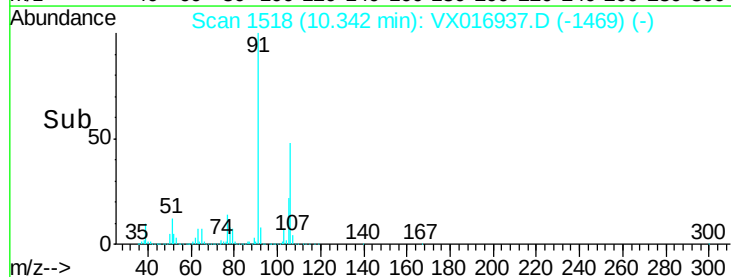
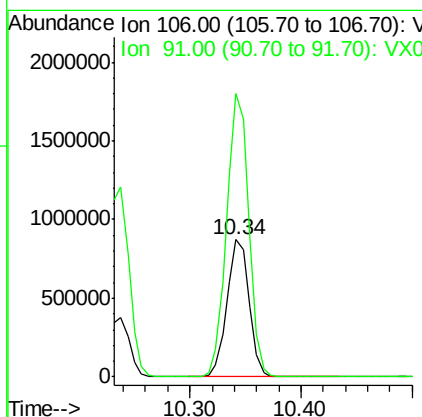
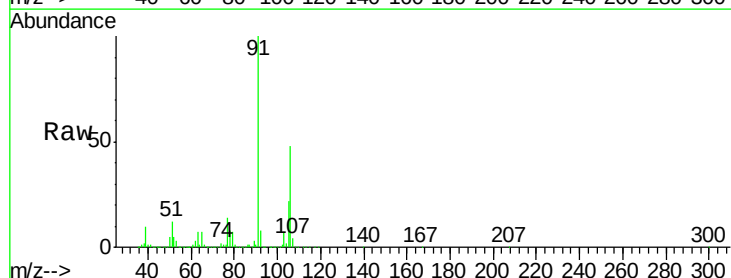
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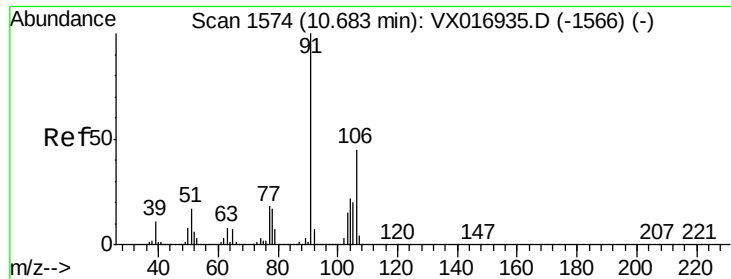
MMDadoda
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#68
m/p-Xylenes
Concen: 297.602 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 106 Resp: 1200165
Ion Ratio Lower Upper
106 100
91 206.1 166.2 249.2





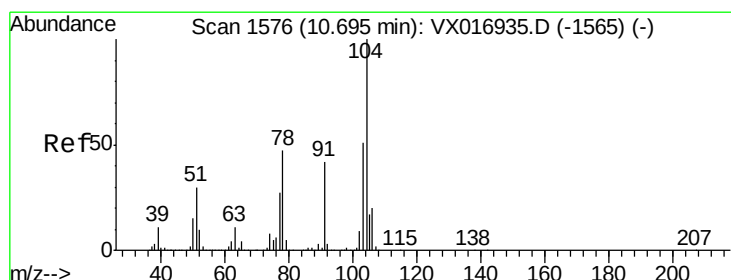
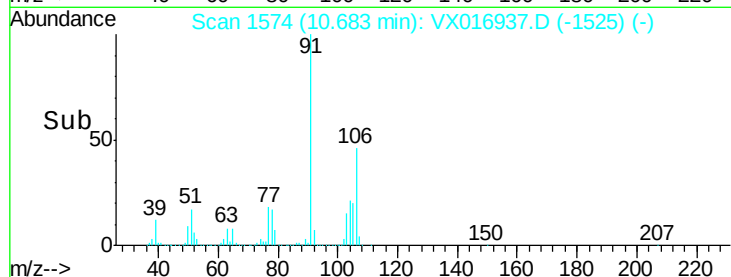
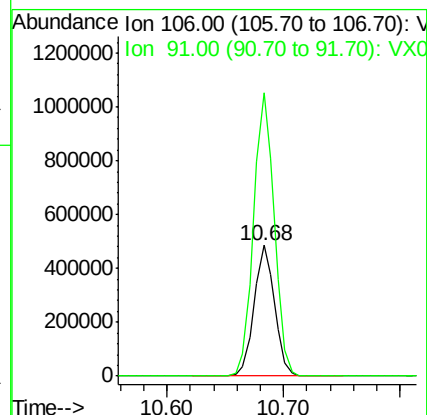
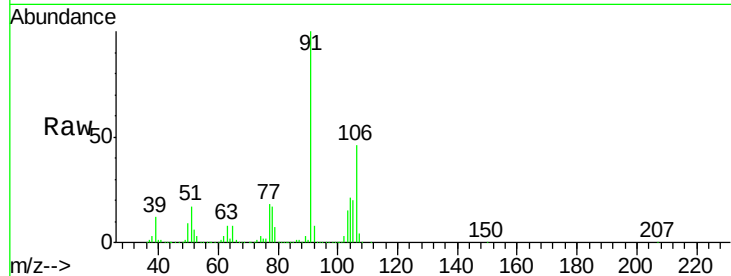
#69
o-Xylene
Concen: 154.344 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		594579		
91	219.8	109.8	329.4		

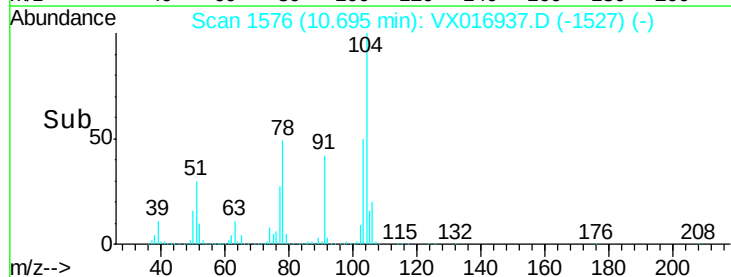
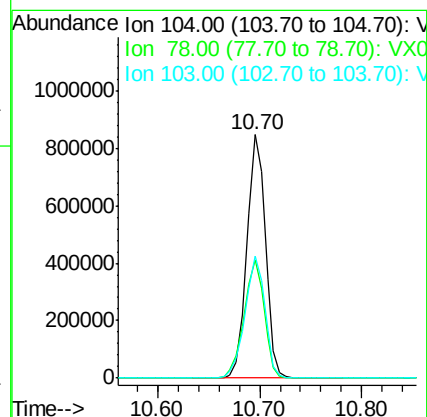
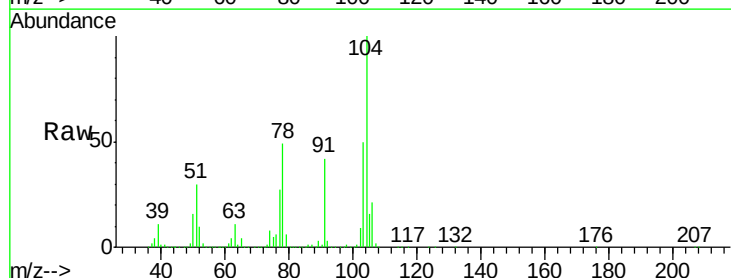
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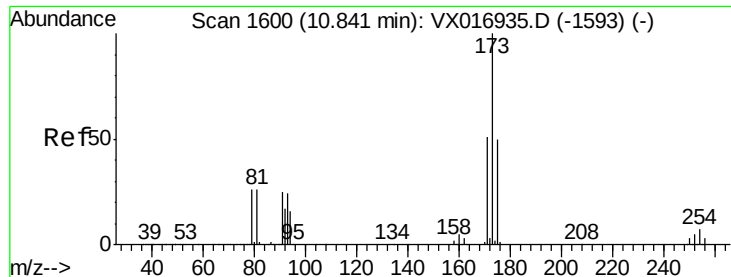
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6/24/2020 10:54:40 AM



#70
Styrene
Concen: 161.604 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		1059510		
78	52.8	41.6	62.4		
103	53.8	42.7	64.1		





#71

Bromoform

Concen: 158.210 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion:173 Resp: 279807

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

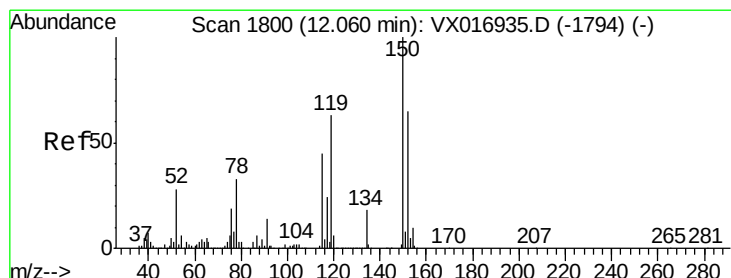
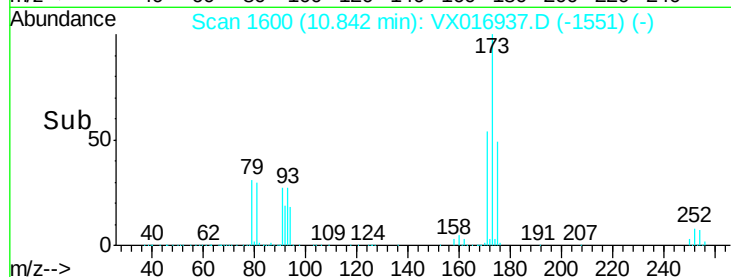
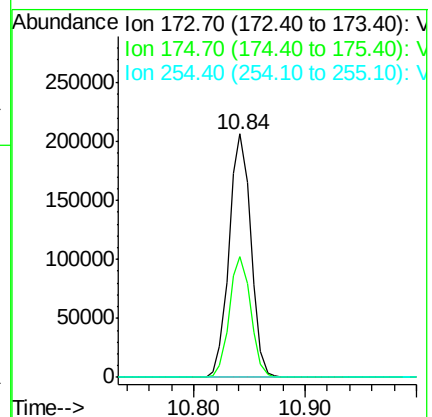
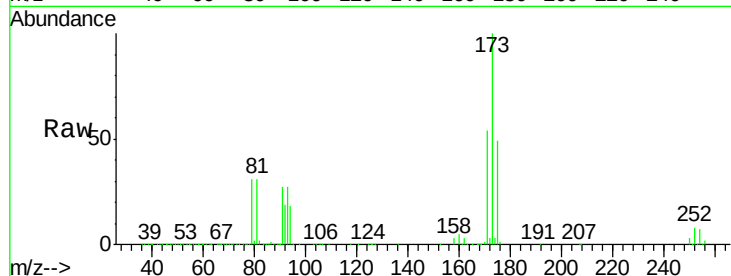
254 0.1 0.1 0.1#

Manual Integrations

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6/24/2020 10:54:40 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

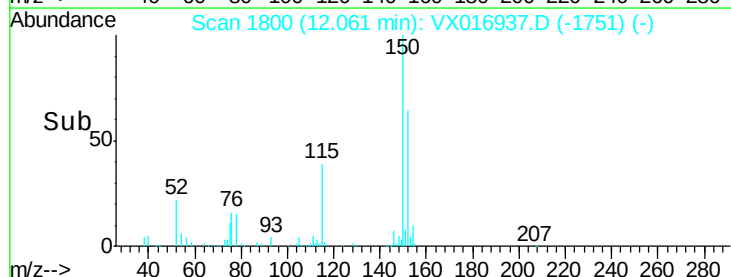
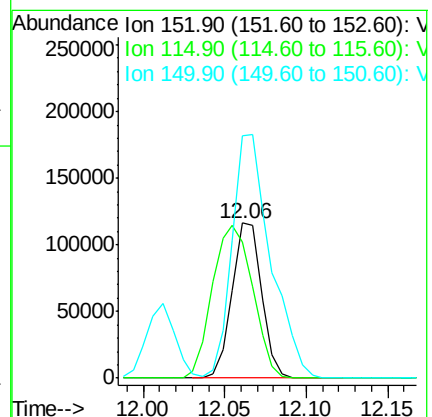
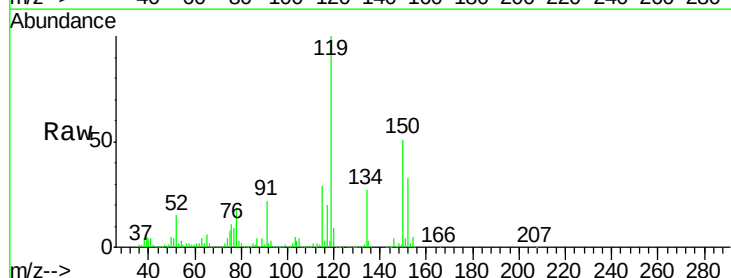
Tgt Ion:152 Resp: 146818

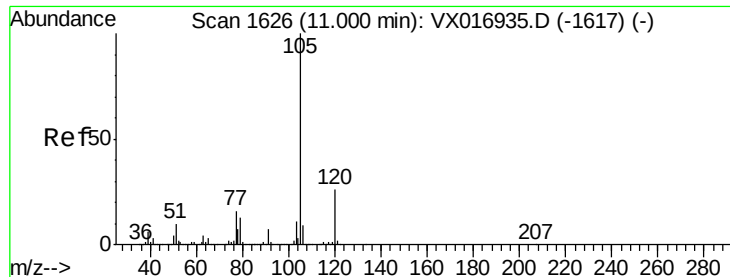
Ion Ratio Lower Upper

152 100

115 134.7 43.1 129.4#

150 204.2 0.0 346.0





#73

Isopropylbenzene

Concen: 149.547 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1629194

Ion Ratio Lower Upper

105 100

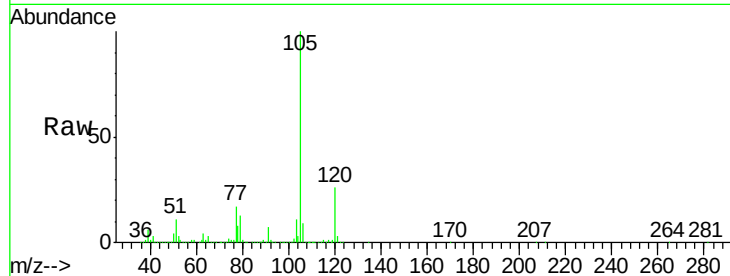
120 26.1 13.1 39.3

Manual Integrations

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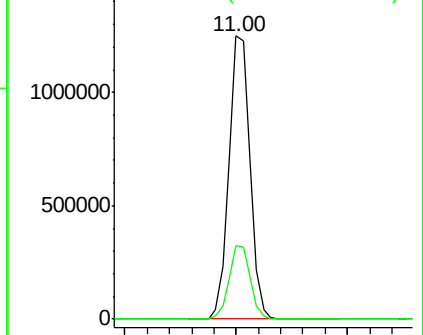
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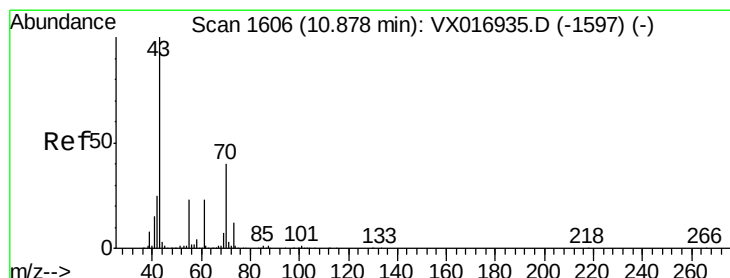
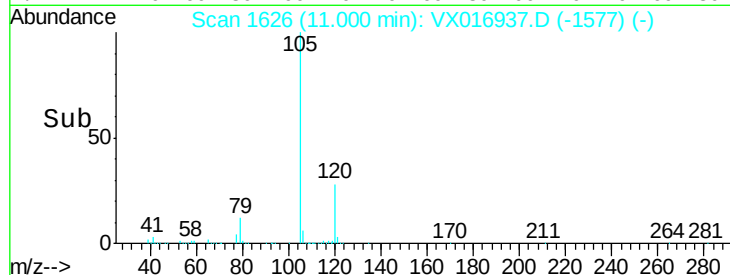


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 149.265 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Tgt Ion: 43 Resp: 813822

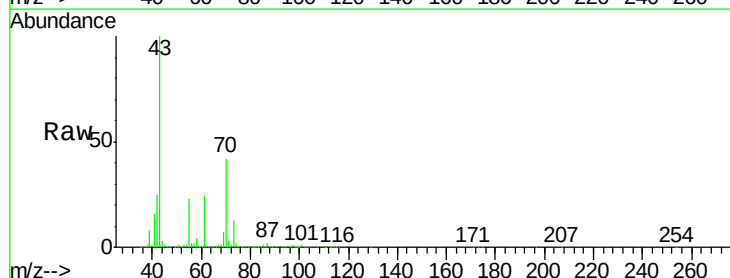
Ion Ratio Lower Upper

43 100

70 41.0 32.6 49.0

55 22.8 18.8 28.2

61 23.7 18.9 28.3

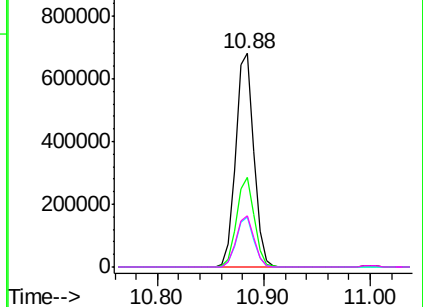


Abundance Ion 43.00 (42.70 to 43.70): VX0

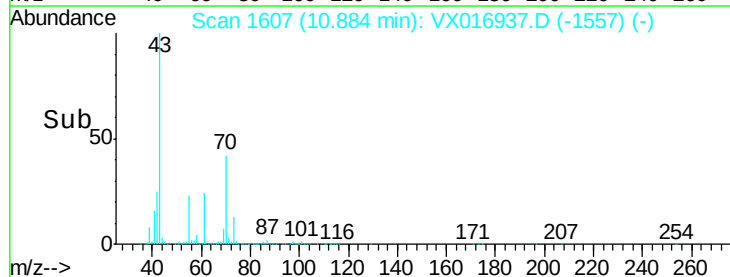
Ion 70.00 (69.70 to 70.70): VX0

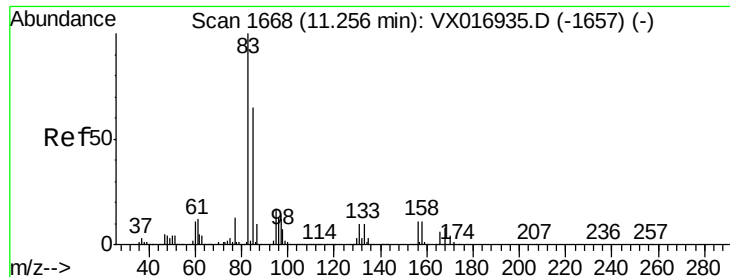
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 142.863 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 520794

Ion Ratio Lower Upper

83 100

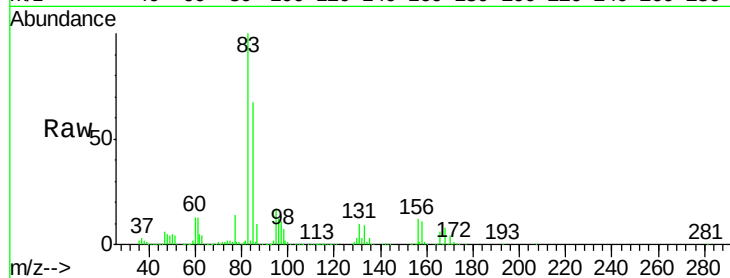
131 9.6 5.1 15.2

85 64.7 32.3 96.8

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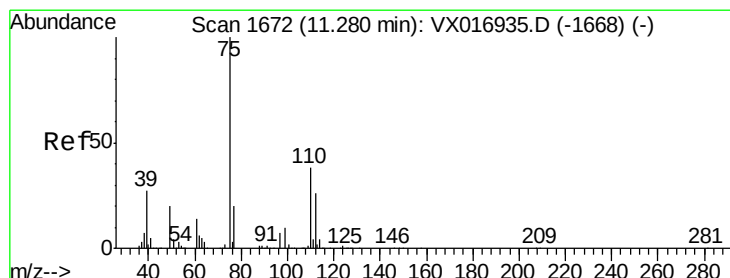
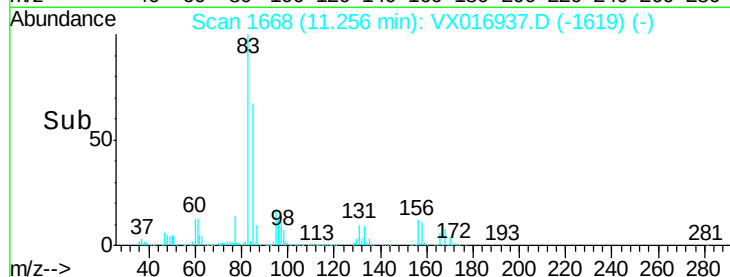
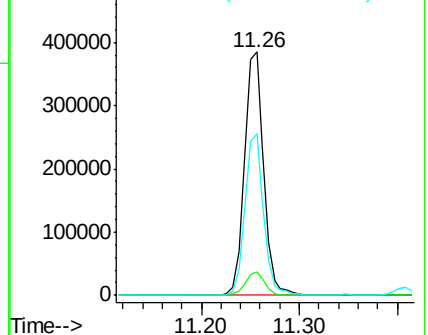
6/24/2020 10:54:40 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 114.470 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016937.D

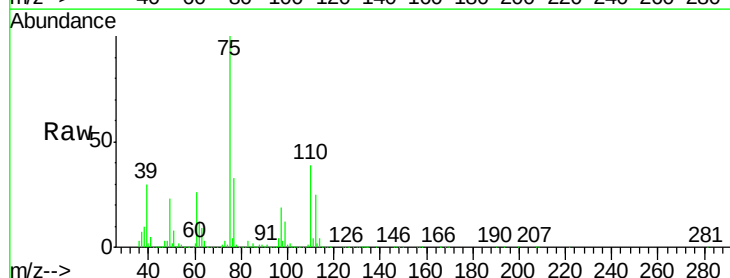
Acq: 23 Jun 2020 18:01

Tgt Ion: 75 Resp: 481156

Ion Ratio Lower Upper

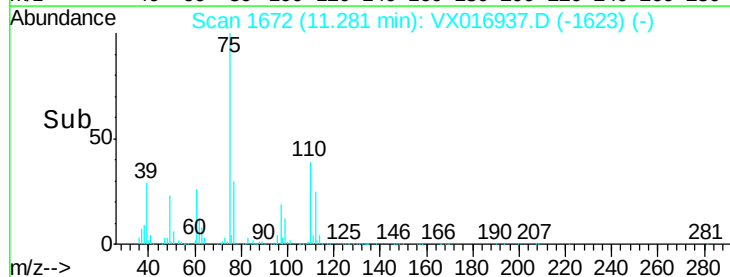
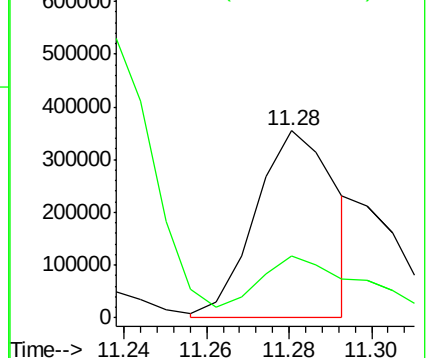
75 100

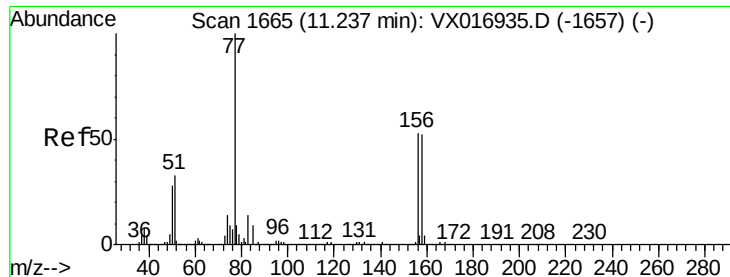
77 43.1 20.1 60.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 140.064 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

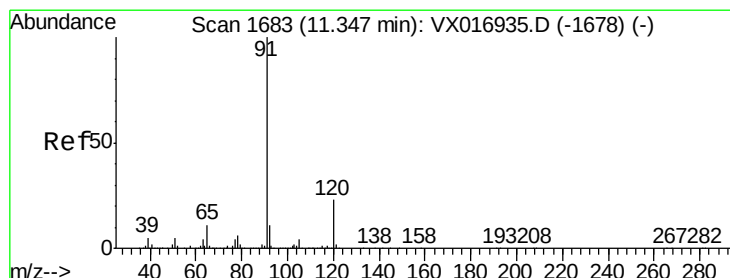
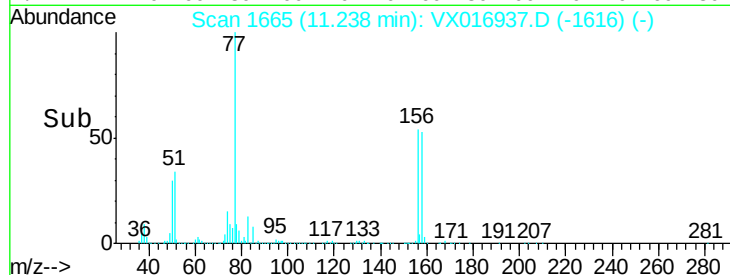
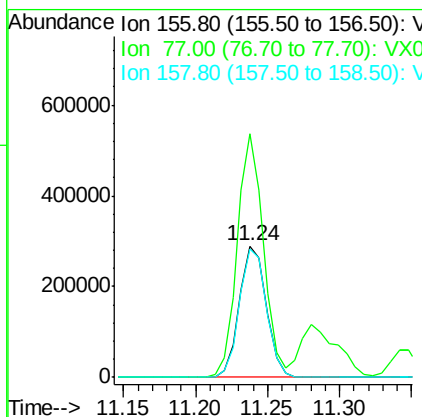
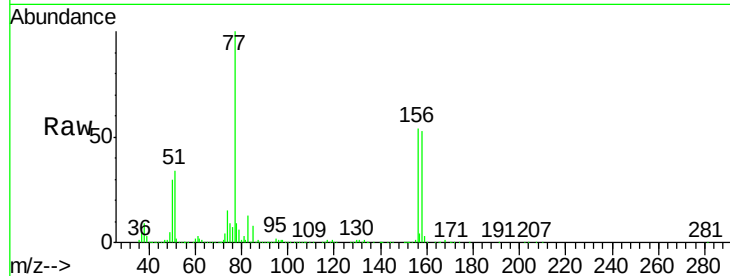
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	374635
Ion Ratio	Lower	Upper	
156	100		
77	179.9	91.0	273.1
158	98.0	48.4	145.3

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#78

n-propylbenzene

Concen: 151.443 ug/l

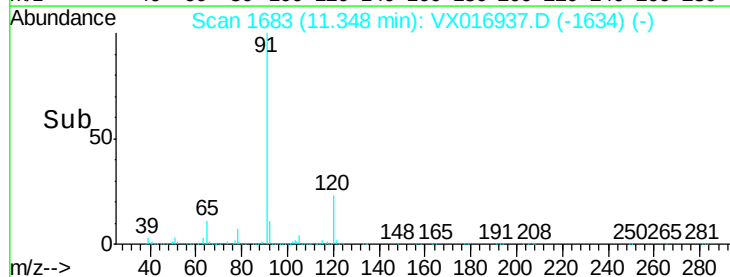
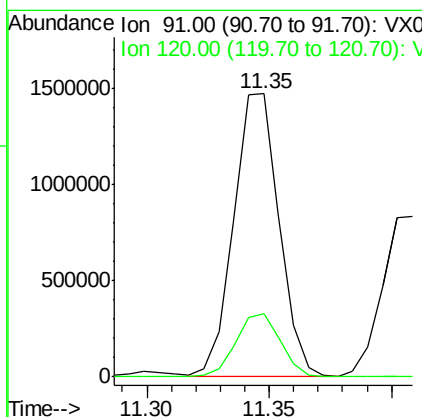
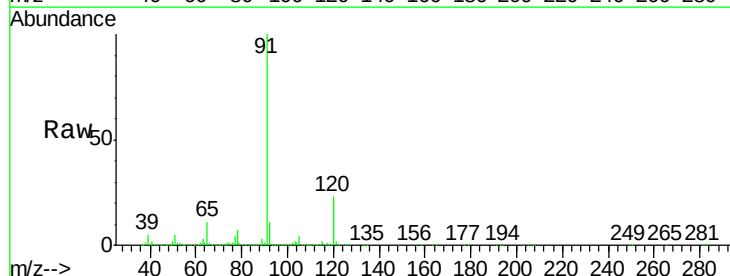
RT: 11.35 min Scan# 1683

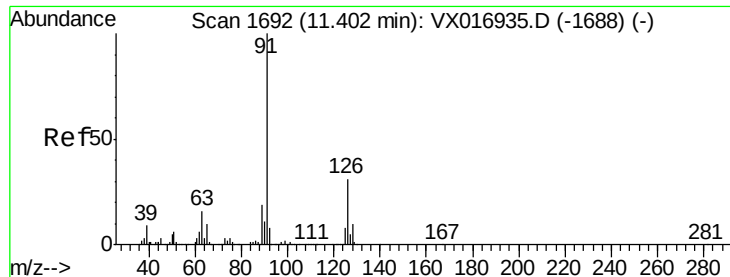
Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Tgt Ion:	91	Resp:	1880932
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.2	33.6





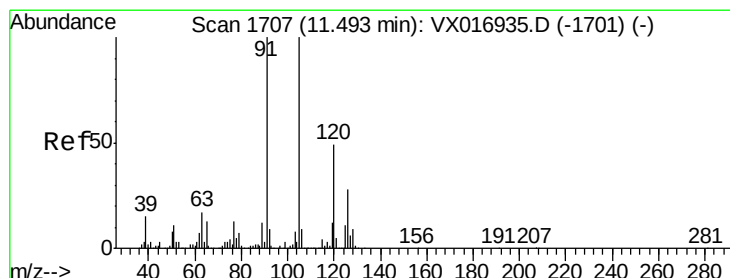
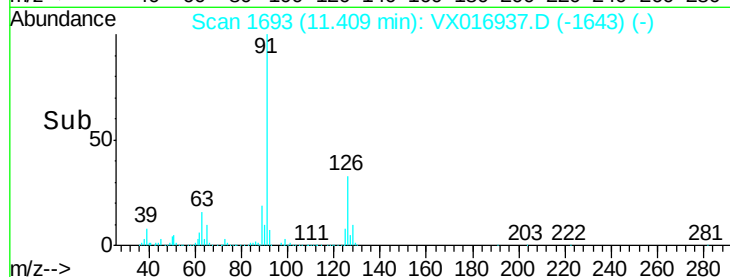
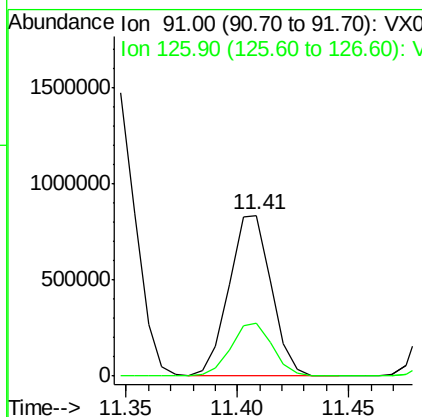
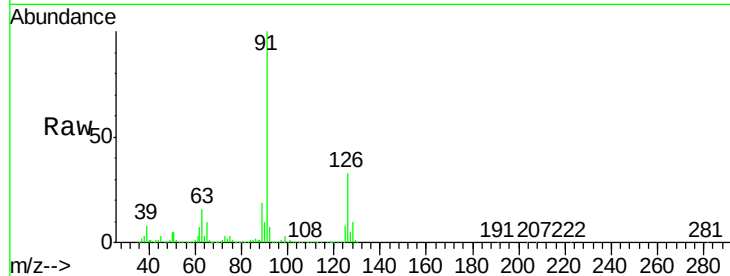
#79
2-Chlorotoluene
Concen: 139.957 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1100620
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6

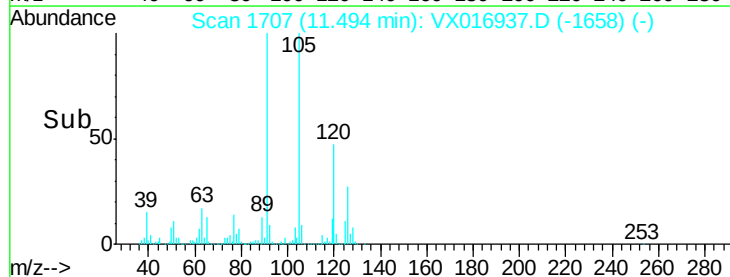
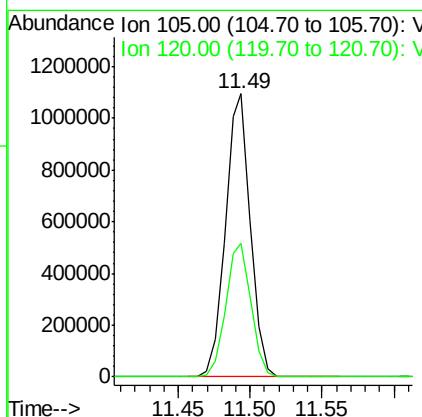
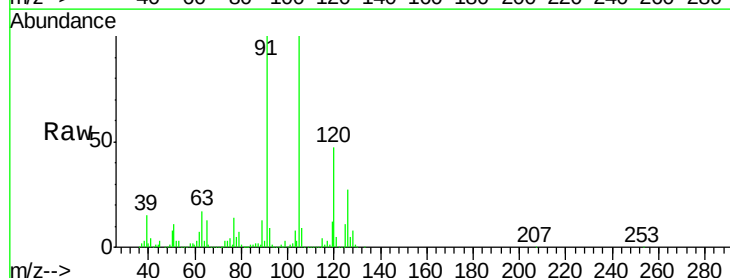
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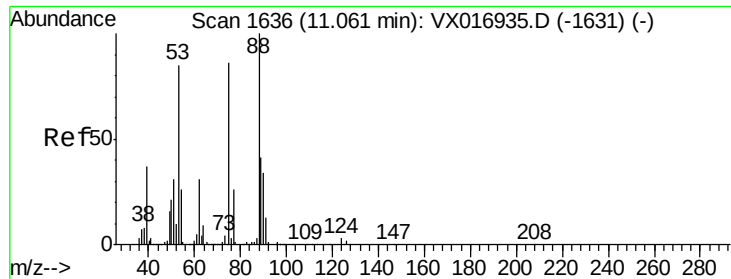
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#80
1,3,5-Trimethylbenzene
Concen: 144.659 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion: 105 Resp: 1327274
Ion Ratio Lower Upper
105 100
120 47.9 24.2 72.6





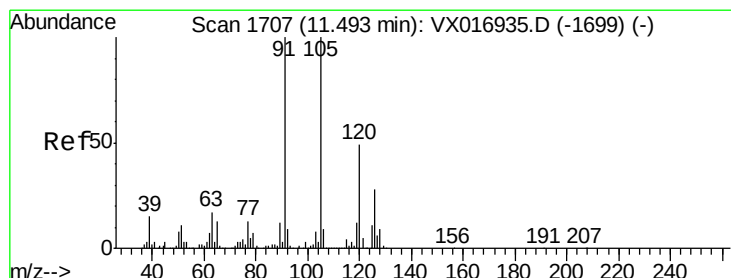
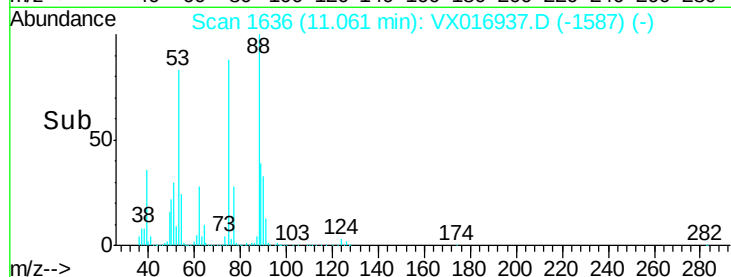
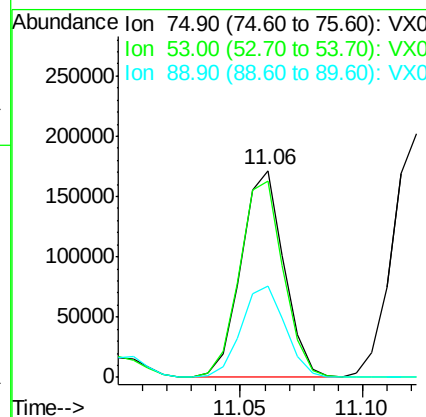
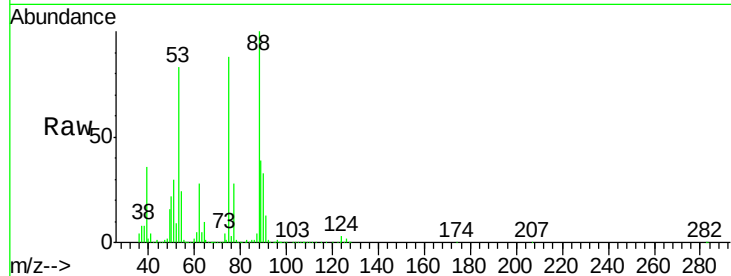
#81
trans-1,4-Dichloro-2-butene
Concen: 147.273 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.0	78.9	118.3
89	45.3	37.0	55.6

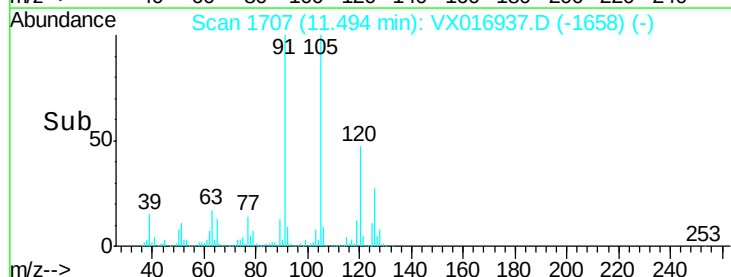
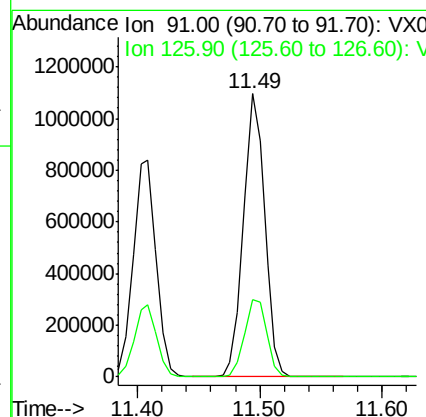
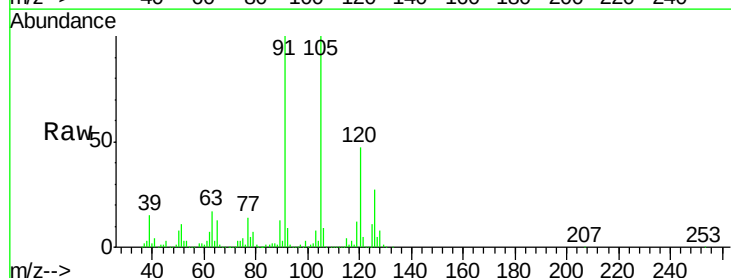
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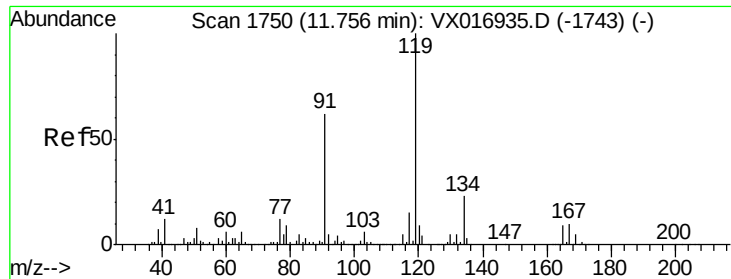
MMDadoda
6/24/2020 10:54:40 AM



#82
4-Chlorotoluene
Concen: 140.037 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.1	42.4





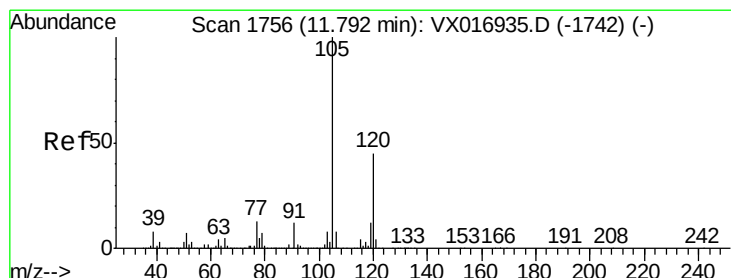
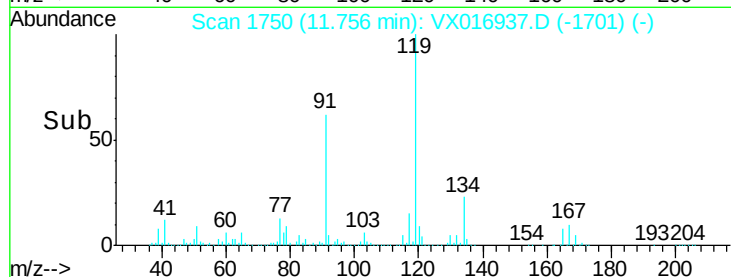
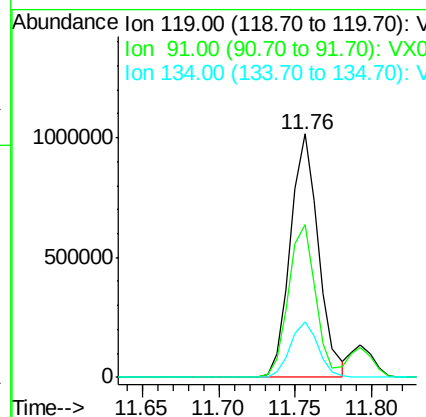
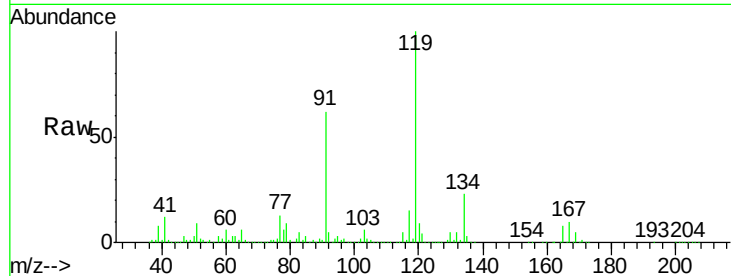
#83
 tert-Butylbenzene
 Concen: 144.521 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.3	90.9
134	22.6	11.4	34.2

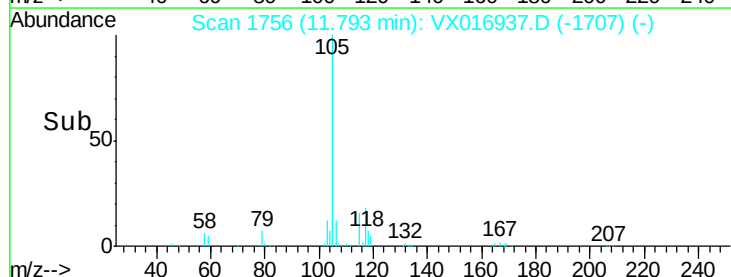
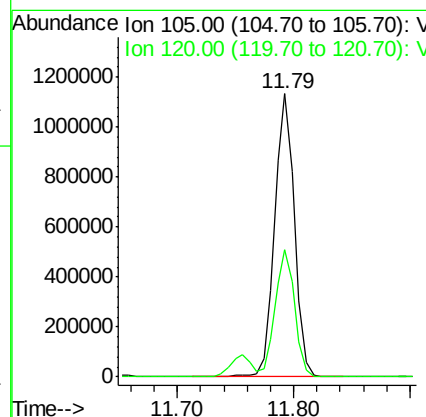
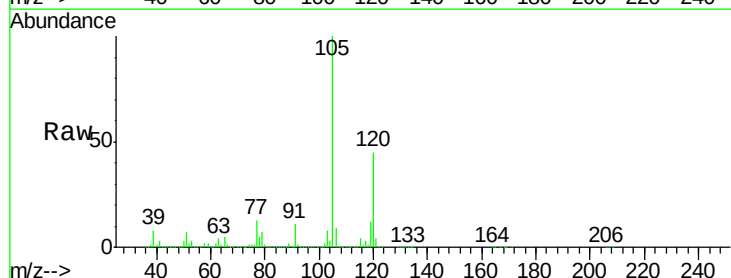
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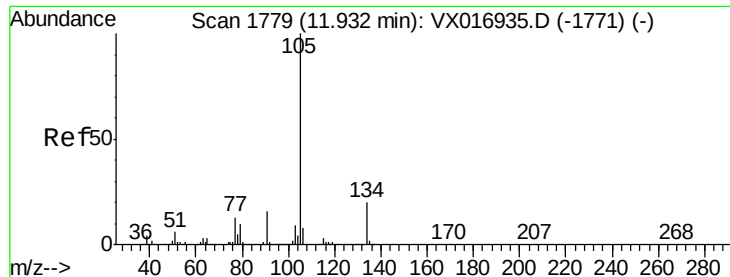
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#84
 1,2,4-Trimethylbenzene
 Concen: 146.466 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.0





#85

sec-Butylbenzene

Concen: 151.864 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

Instrument :

MSVOA_X

ClientSampled :

VSTDICC150

Tot Ion:105 Resp: 1538948

Ion Ratio Lower Upper

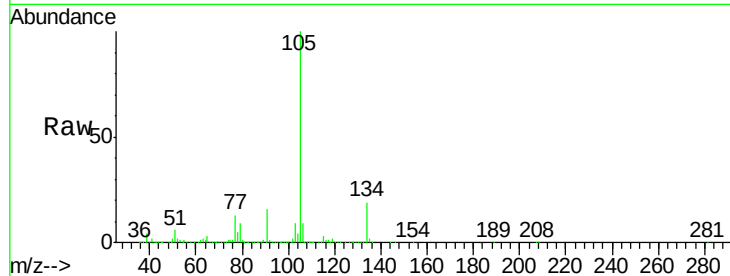
105 100

134 19.4 9.8 29.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

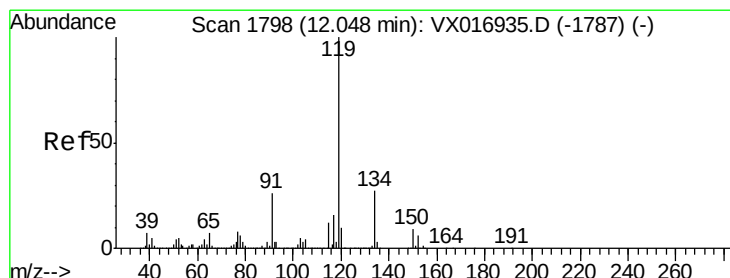
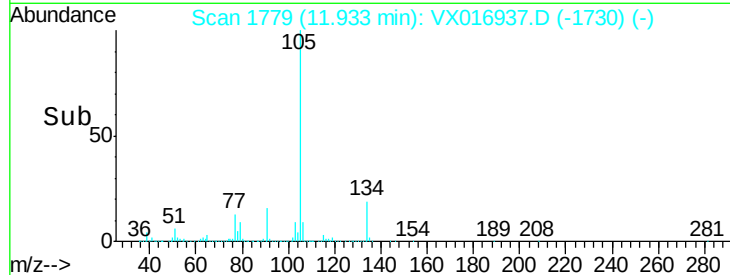
11.93

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 148.054 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016937.D

Acq: 23 Jun 2020 18:01

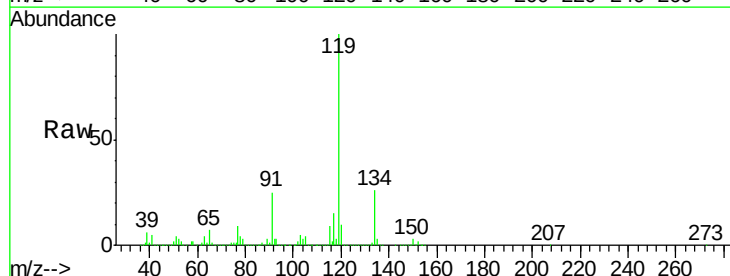
Tgt Ion:119 Resp: 1388629

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 25.5 12.6 37.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

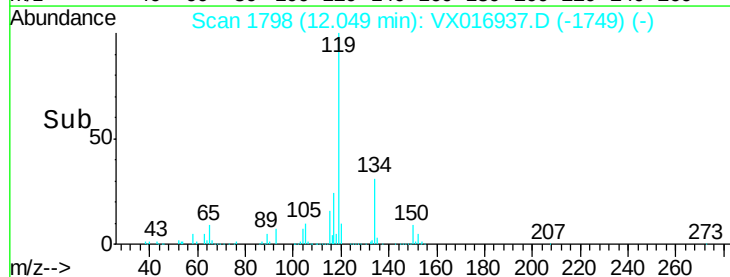
1500000

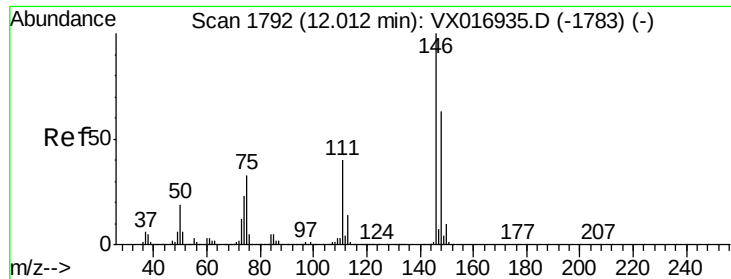
1000000

500000

0

Time-->





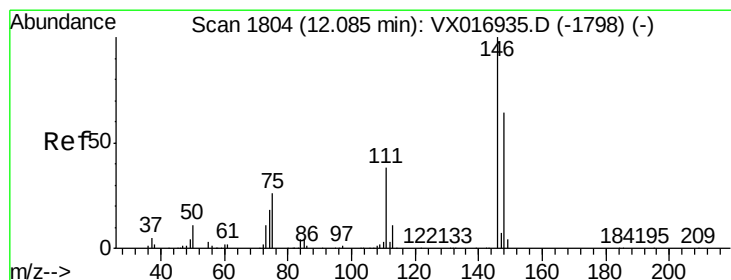
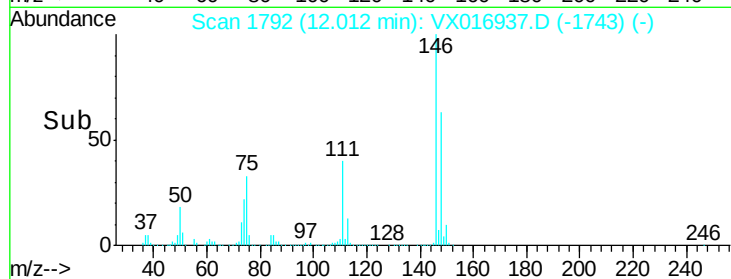
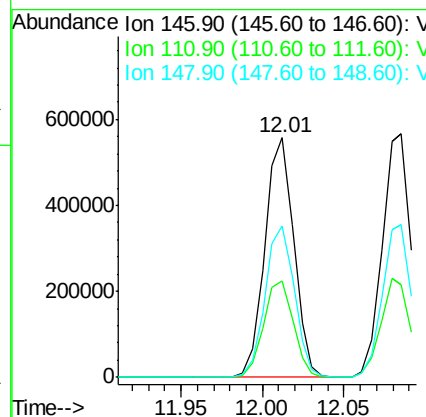
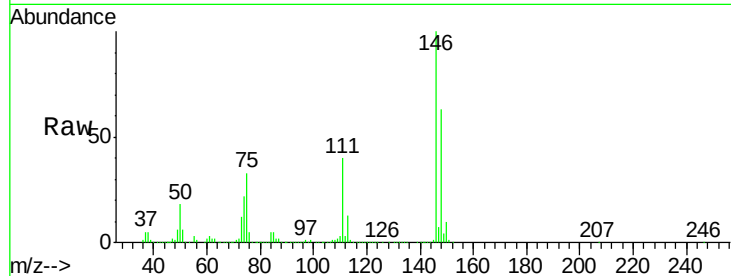
#87
 1,3-Dichlorobenzene
 Concen: 143.957 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	63.5	32.3	96.9

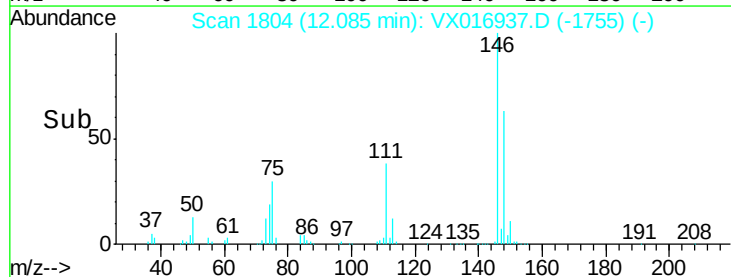
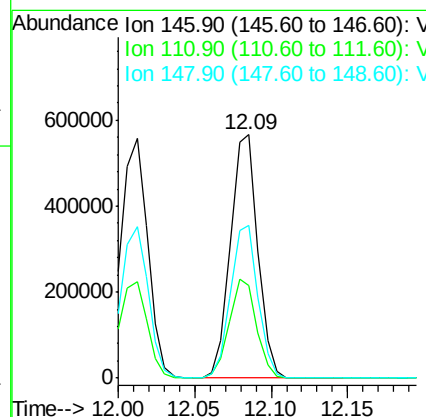
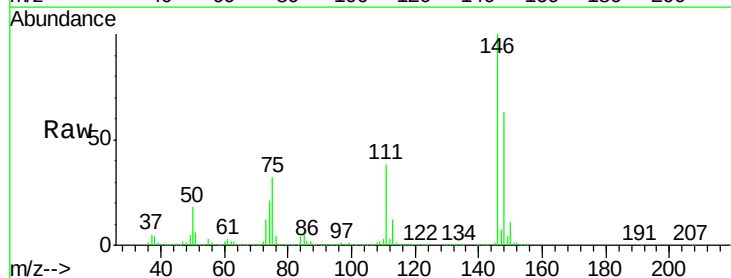
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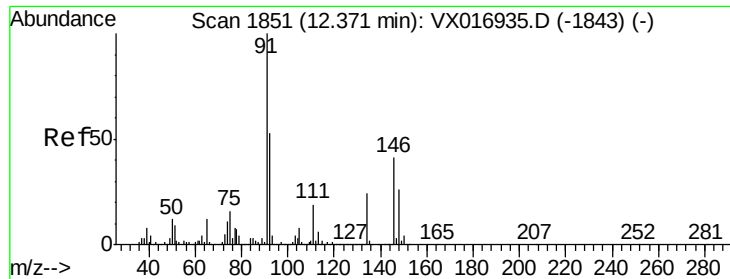
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#88
 1,4-Dichlorobenzene
 Concen: 144.897 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	61.0
148	62.9	31.8	95.3





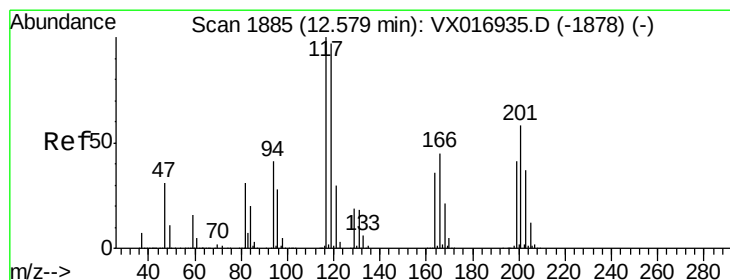
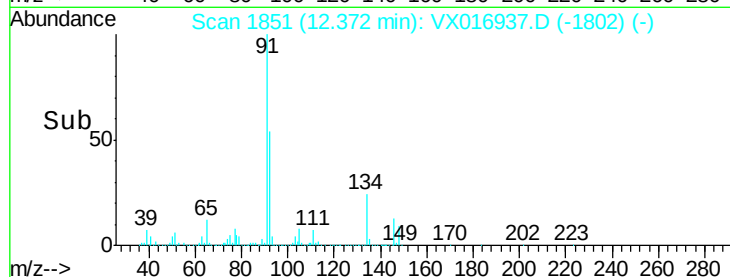
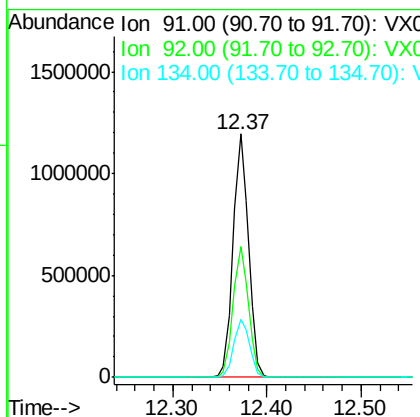
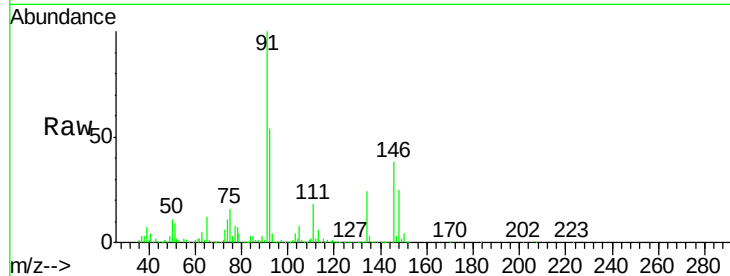
#89
n-Butylbenzene
Concen: 152.070 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.8	80.3
134	24.6	12.3	36.8

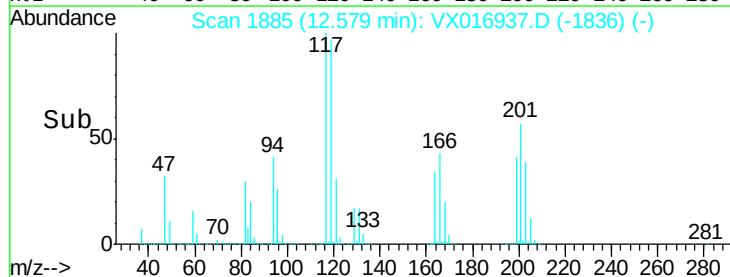
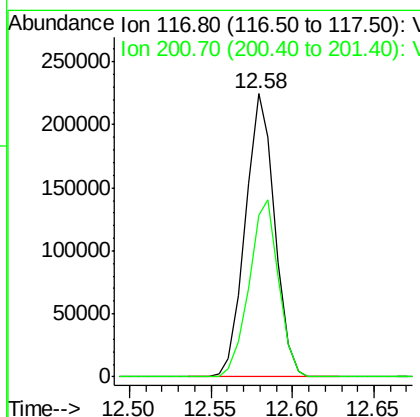
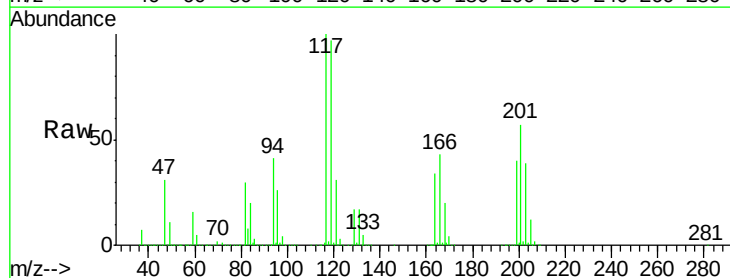
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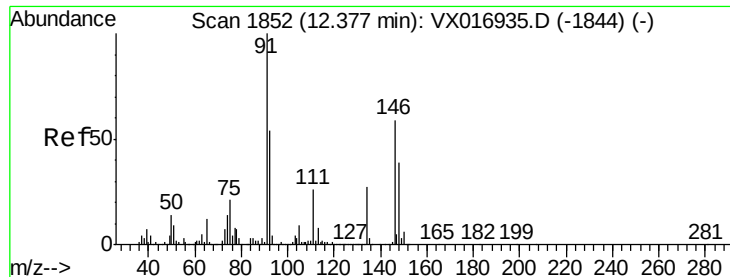
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#90
Hexachloroethane
Concen: 153.442 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.7	31.1	93.5





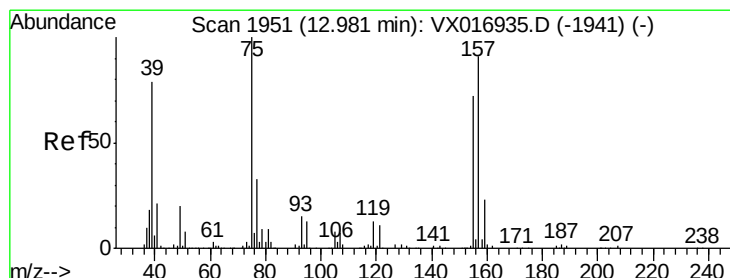
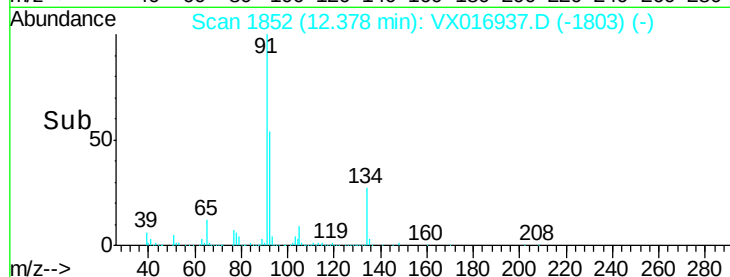
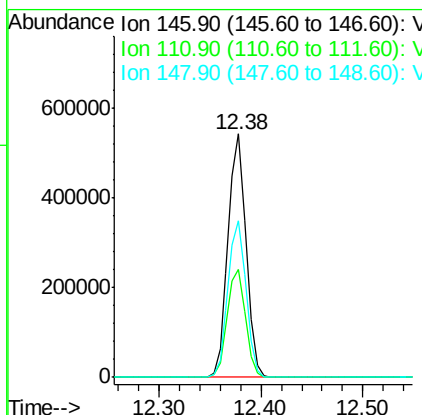
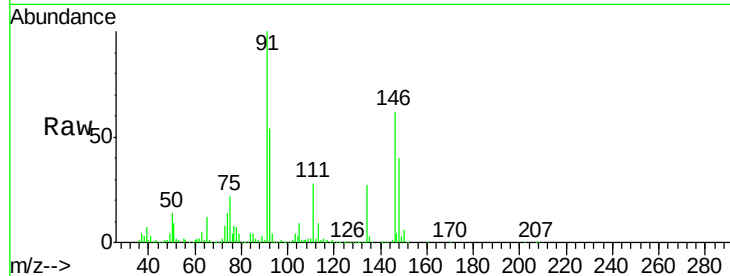
#91
 1,2-Dichlorobenzene
 Concen: 143.042 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	44.7	22.0	66.0	
148	64.7	32.1	96.5	

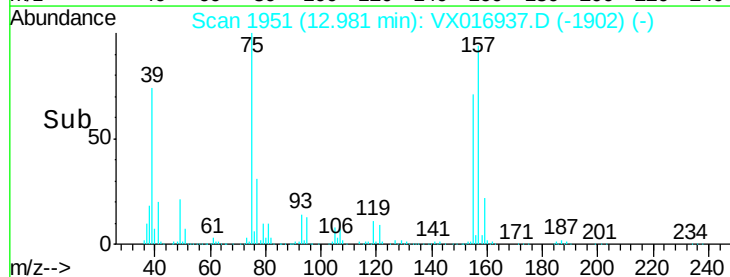
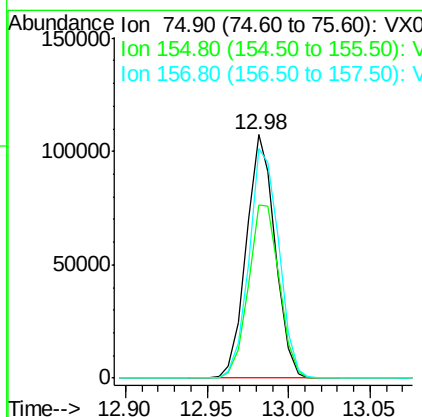
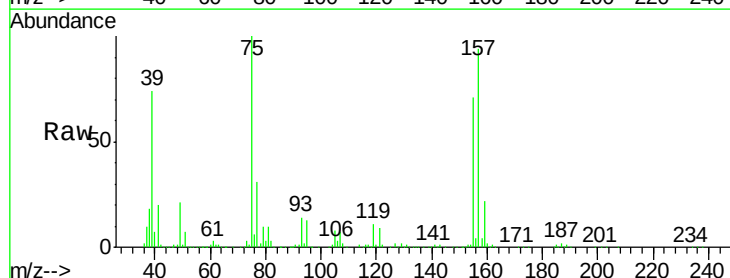
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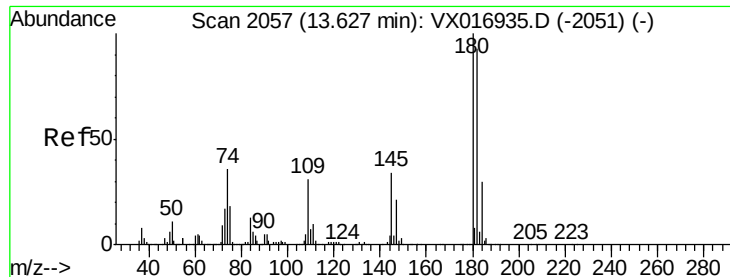
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 141.135 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016937.D
 Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	76.4	36.1	108.5	
157	97.8	46.6	139.8	





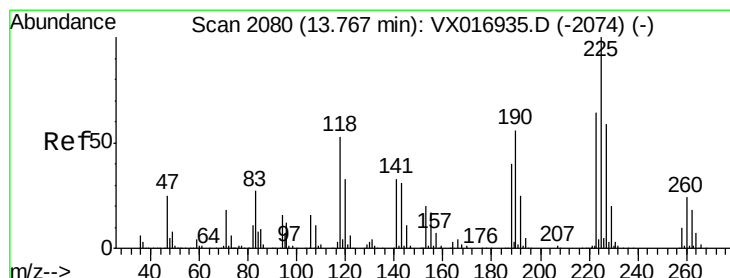
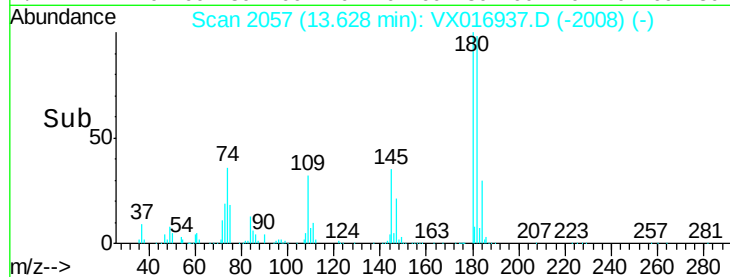
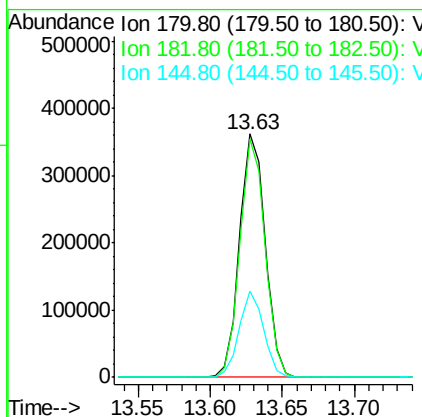
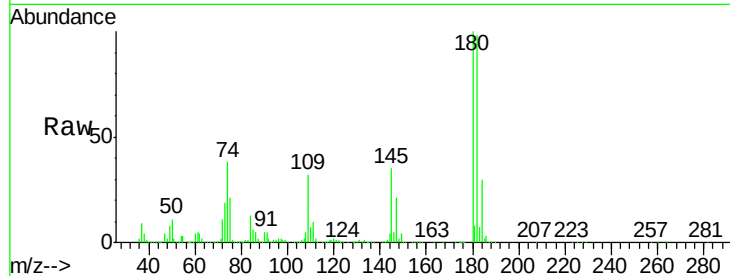
#93
1,2,4-Trichlorobenzene
Concen: 148.126 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	448549		
182	95.7	47.3	142.0	
145	33.8	16.4	49.2	

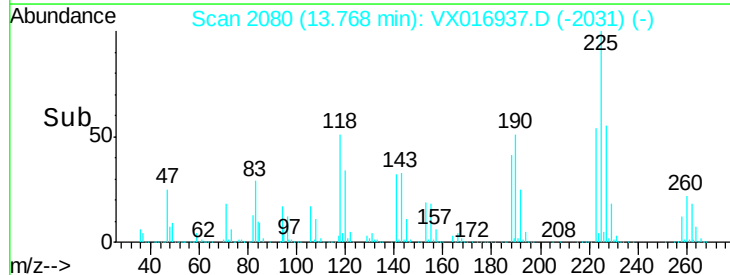
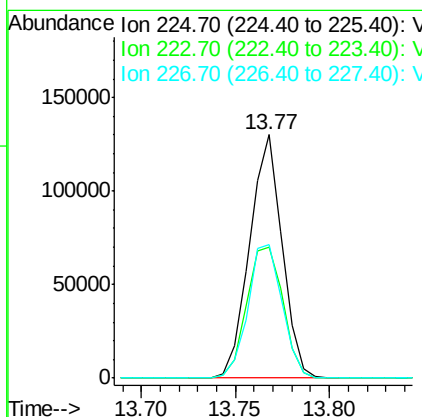
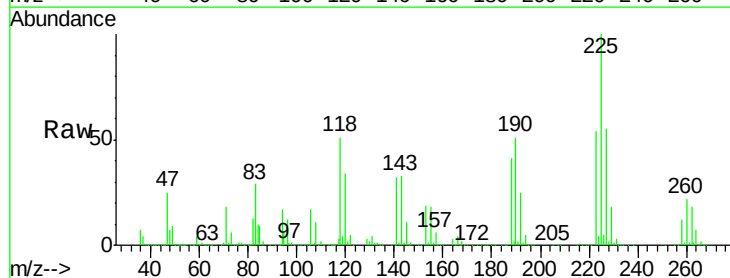
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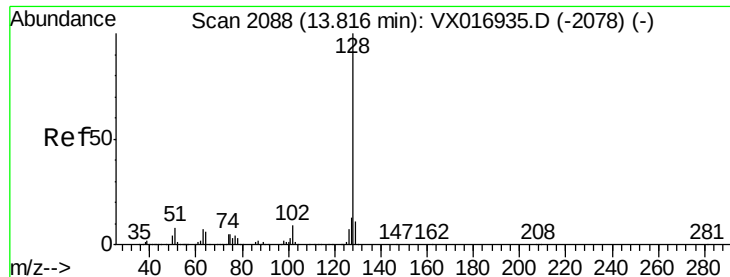
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#94
Hexachlorobutadiene
Concen: 147.224 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155530		
223	60.3	32.5	97.4	
227	58.3	29.3	88.0	





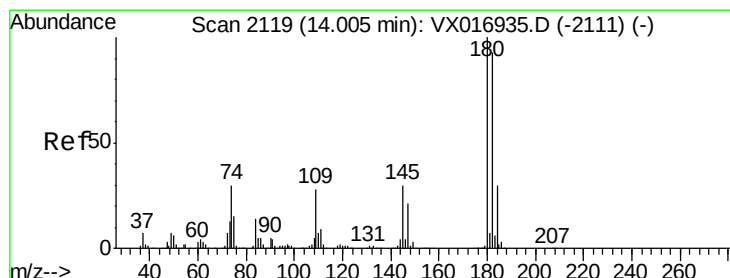
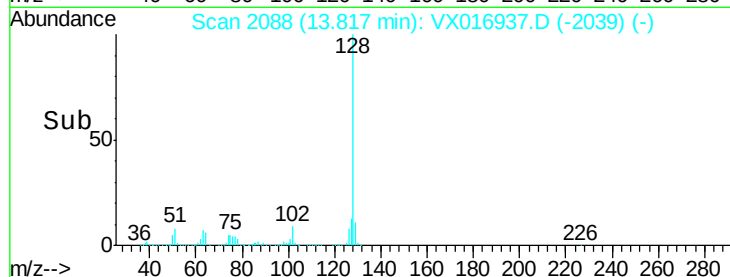
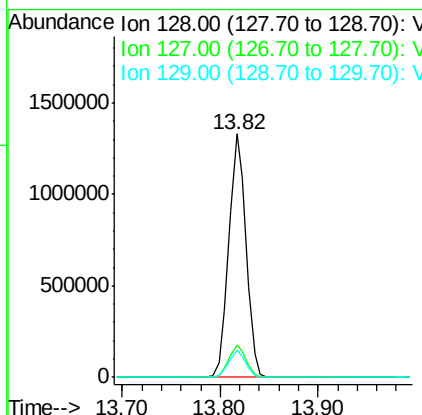
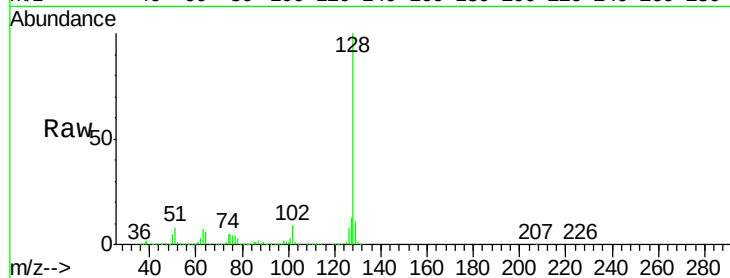
#95
Naphthalene
Concen: 157.801 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/24/2020 10:54:40 AM



#96
1,2,3-Trichlorobenzene
Concen: 151.778 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016937.D
Acq: 23 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.4	142.3
145	34.3	17.1	51.3

