

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022620\
 Data File : VX015030.D
 Acq On : 26 Feb 2020 18:45
 Operator : JC/SP
 Sample : L1683-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:48:23 AM

Quant Time: Feb 27 03:59:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	396666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	607498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	583916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	217469	48.58	ug/l	0.00
Spiked Amount						
			Recovery	=	97.16%	
35) Dibromofluoromethane	5.49	113	183616	49.16	ug/l	0.00
Spiked Amount						
			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	695580	48.79	ug/l	0.00
Spiked Amount						
			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	11.13	95	256189	49.89	ug/l	0.00
Spiked Amount						
			Recovery	=	99.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	177566	47.269	ug/l	99
3) Chloromethane	1.32	50	216392	50.810	ug/l	100
4) Vinyl Chloride	1.40	62	227053	49.489	ug/l	99
5) Bromomethane	1.63	94	131802	44.382	ug/l	98
6) Chloroethane	1.72	64	138709	47.251	ug/l	98
7) Trichlorofluoromethane	1.92	101	288016	44.932	ug/l	100
8) Diethyl Ether	2.18	74	129190	48.602	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	184215	49.510	ug/l	97
10) Methyl Iodide	2.50	142	205019	49.476	ug/l	99
11) Tert butyl alcohol	3.03	59	223675	282.982	ug/l	99
12) 1,1-Dichloroethene	2.37	96	179093	49.258	ug/l	96
13) Acrolein	2.28	56	136418	226.446	ug/l	96
14) Allyl chloride	2.72	41	317937	49.322	ug/l	97
15) Acrylonitrile	3.13	53	572385	285.652	ug/l	99
16) Acetone	2.44	43	474879	195.074	ug/l	97
17) Carbon Disulfide	2.56	76	451524	44.447	ug/l	99
18) Methyl Acetate	2.76	43	266796	59.174	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	617700	52.202	ug/l	99
20) Methylene Chloride	2.85	84	209127	48.562	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	198545	49.490	ug/l	99
22) Diisopropyl ether	3.84	45	665660	54.067	ug/l	94
23) Vinyl Acetate	3.81	43	2724943	268.489	ug/l	99
24) 1,1-Dichloroethane	3.69	63	362653	52.192	ug/l	99
25) 2-Butanone	4.66	43	793979	260.516	ug/l	99
26) 2,2-Dichloropropane	4.57	77	253769	42.378	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	369164	82.318	ug/l	95
28) Bromochloromethane	5.01	49	151756	56.346	ug/l	97
29) Tetrahydrofuran	5.11	42	537385	310.174	ug/l	99
30) Chloroform	5.20	83	356460	51.706	ug/l	96
31) Cyclohexane	5.57	56	312905	49.442	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	297717	49.369	ug/l	99
36) 1,1-Dichloropropene	5.79	75	266131	48.973	ug/l	99
37) Ethyl Acetate	4.82	43	294956	52.040	ug/l	100
38) Carbon Tetrachloride	5.78	117	259208	48.945	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	317186	46.670	ug/l	99
40) Benzene	6.14	78	809542	49.859	ug/l	99
41) Methacrylonitrile	5.03	41	171678	56.226	ug/l	98
42) 1,2-Dichloroethane	6.19	62	282266	48.100	ug/l	97
43) Isopropyl Acetate	6.43	43	486461	52.029	ug/l	99
44) Trichloroethene	7.21	130	236374	50.149	ug/l	96
45) 1,2-Dichloropropane	7.51	63	216366	52.252	ug/l	99
46) Dibromomethane	7.65	93	142327	50.284	ug/l	98
47) Bromodichloromethane	7.89	83	281605	50.177	ug/l	97
48) Methyl methacrylate	7.76	41	248659	54.040	ug/l	98
49) 1,4-Dioxane	7.73	88	96598	1122.826	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1603054	283.945	ug/l	100
52) Toluene	8.78	92	517511	50.183	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	306009	49.752	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	333743	49.118	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	214344	51.374	ug/l	99
56) Ethyl methacrylate	9.17	69	340304	54.264	ug/l	98
57) 1,3-Dichloropropane	9.37	76	363175	51.710	ug/l	99
59) 2-Hexanone	9.48	43	1206535	271.892	ug/l	98
60) Dibromochloromethane	9.57	129	231287	51.511	ug/l	99
61) 1,2-Dibromoethane	9.67	107	227396	50.513	ug/l	100
64) Tetrachloroethene	9.33	164	222910	40.831	ug/l	98
65) Chlorobenzene	10.14	112	565812	47.775	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	209715	48.775	ug/l	99
67) Ethyl Benzene	10.25	91	986119	48.959	ug/l	99
68) m/p-Xylenes	10.36	106	757033	97.564	ug/l	98
69) o-Xylene	10.70	106	362778	48.637	ug/l	100
70) Stvrene	10.71	104	637341	50.509	ug/l	99
71) Bromoform	10.85	173	179292	49.957	ug/l #	100
73) Isopropylbenzene	11.01	105	980269	50.553	ug/l	100
74) N-amyl acetate	10.89	43	418173	51.901	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	332869	52.513	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	272958m	48.816	ug/l	
77) Bromobenzene	11.25	156	262416	48.486	ug/l	100
78) n-propylbenzene	11.35	91	1118307	49.863	ug/l	100
79) 2-Chlorotoluene	11.42	91	653726	49.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	814009	50.240	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	107775	49.337	ug/l	100
82) 4-Chlorotoluene	11.51	91	755584	48.391	ug/l	100
83) tert-Butylbenzene	11.76	119	814293	53.073	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	820030	50.222	ug/l	100
85) sec-Butylbenzene	11.94	105	956680	50.192	ug/l	99
86) p-Isopropyltoluene	12.06	119	877744	49.211	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	464700	47.861	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	462942	46.690	ug/l	100
89) n-Butylbenzene	12.39	91	781284	48.909	ug/l	99
90) Hexachloroethane	12.59	117	156881	50.366	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	464745	48.809	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73011	49.096	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	325682	46.340	ug/l	100

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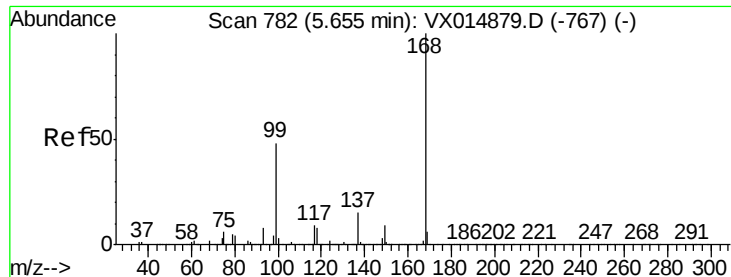
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	160581	47.239	ug/l	99
95) Naphthalene	13.83	128	1001903	53.617	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	332871	49.023	ug/l	99

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



#1

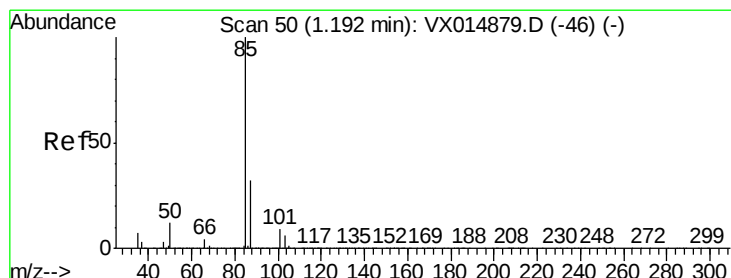
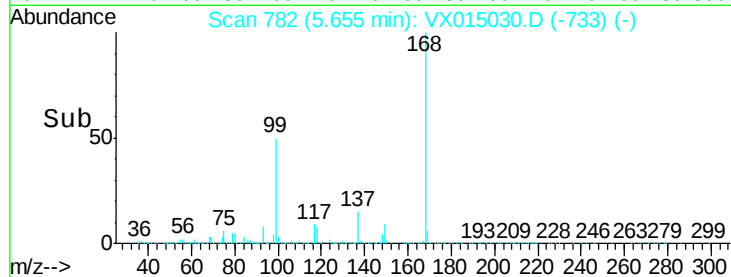
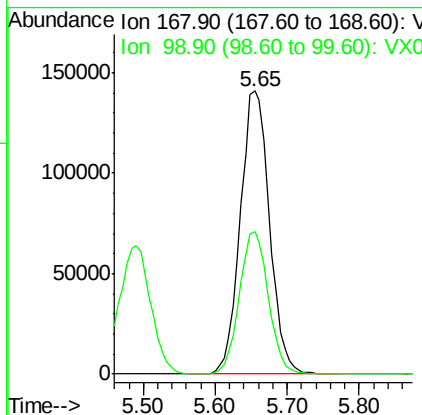
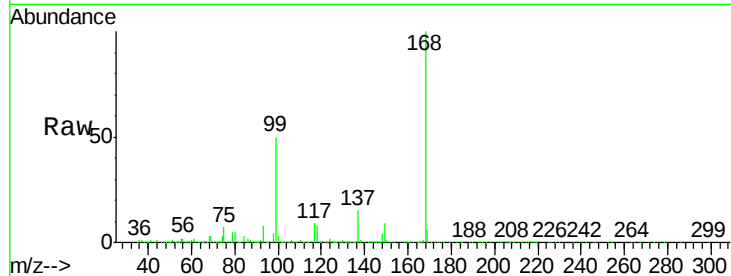
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.4	38.7	58.1

Manual Integrations
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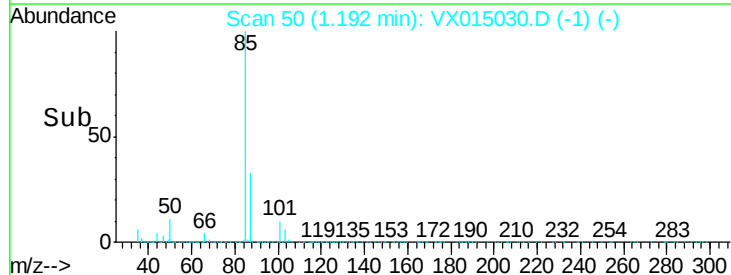
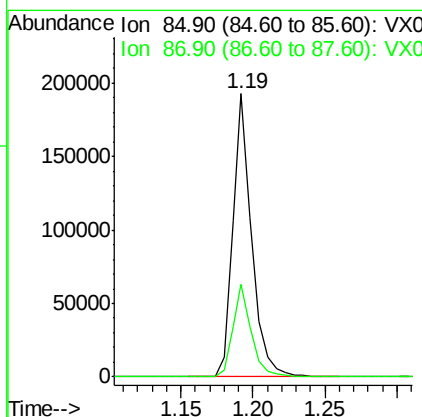
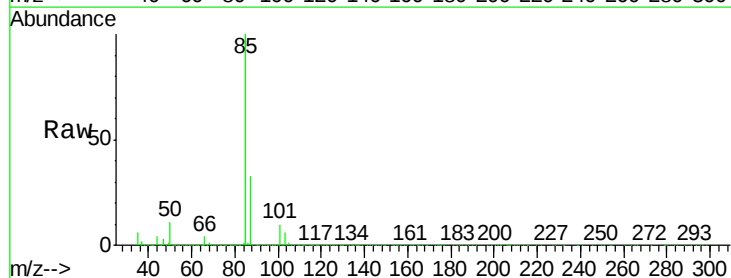
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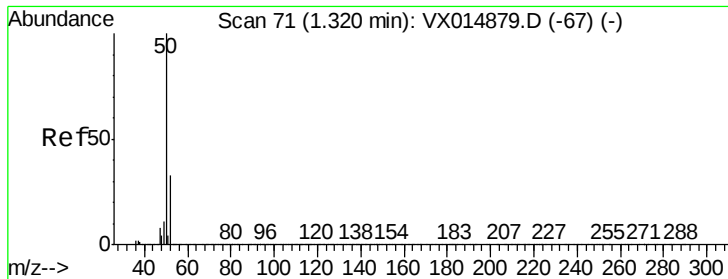


#2

Dichlorodifluoromethane
 Concen: 47.269 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.1	48.2





#3

Chloromethane

Concen: 50.810 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

Tot Ion: 50 Resp: 216392

Ion Ratio Lower Upper

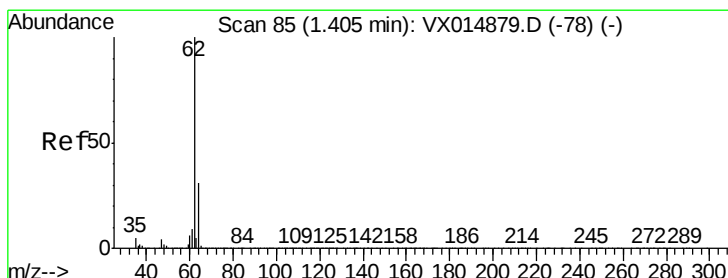
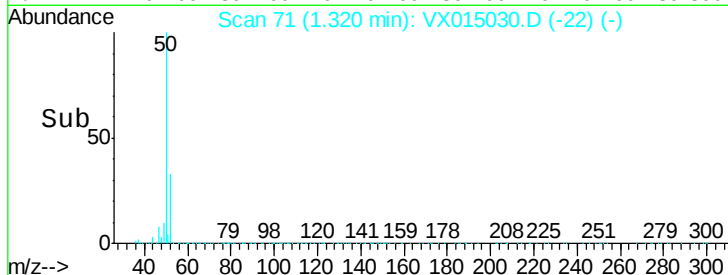
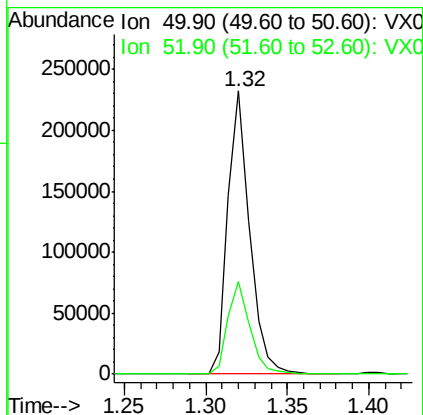
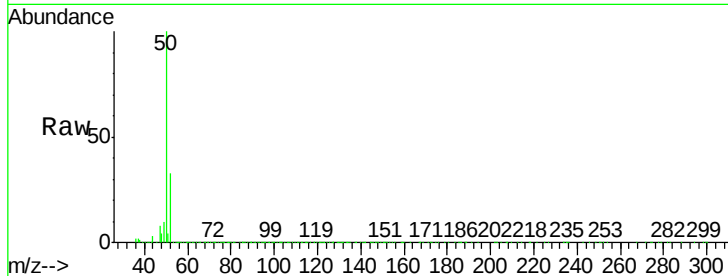
50 100

52 32.5 26.2 39.2

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#4

Vinyl Chloride

Concen: 49.489 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015030.D

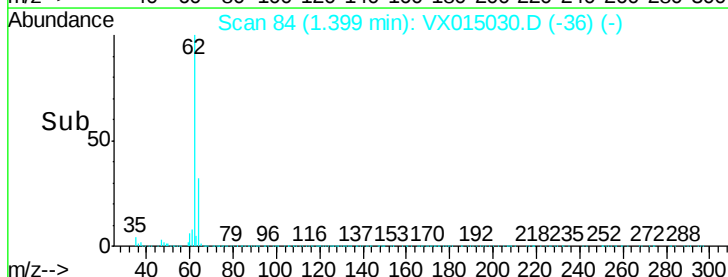
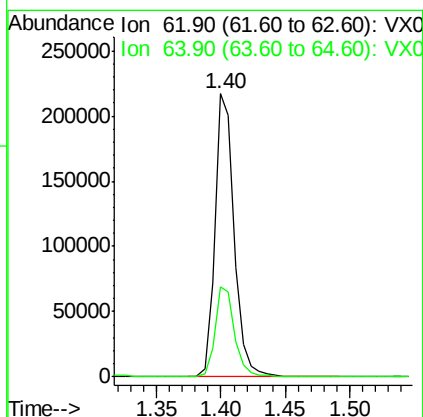
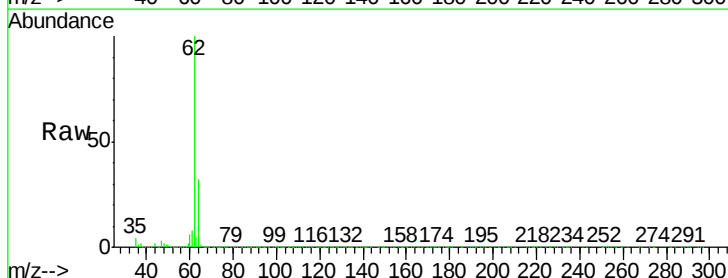
Acq: 26 Feb 2020 18:45

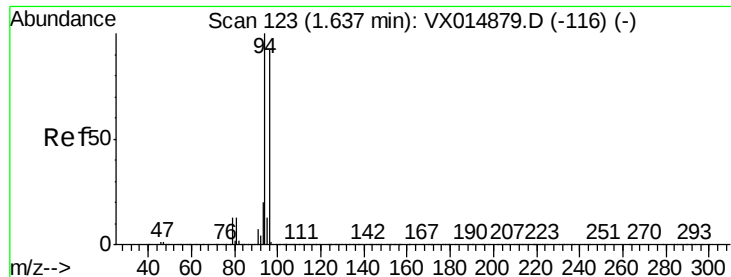
Tgt Ion: 62 Resp: 227053

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 44.382 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

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ClientSampleId :

GR-OF-20200225MSD

Tot Ion: 94 Resp: 131802

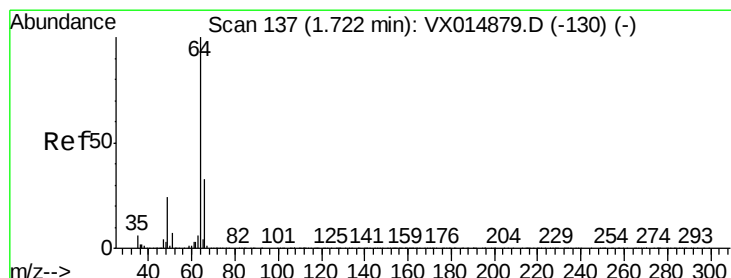
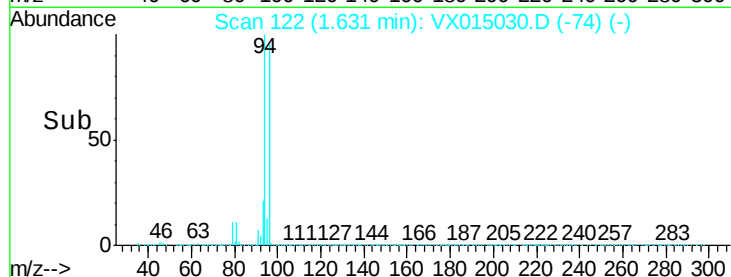
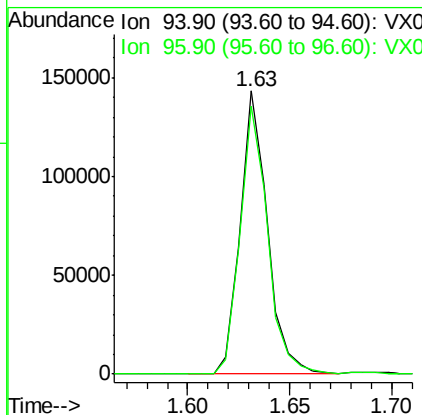
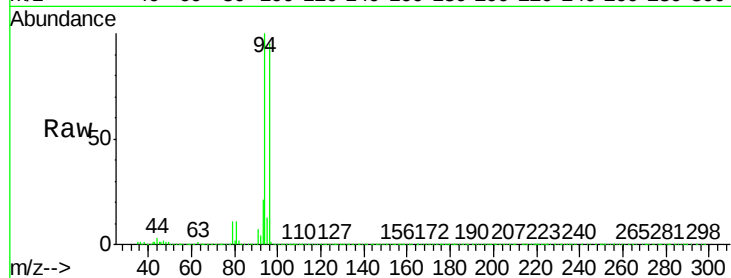
Ion Ratio Lower Upper

94 100

96 94.4 73.7 110.5

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#6

Chloroethane

Concen: 47.251 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015030.D

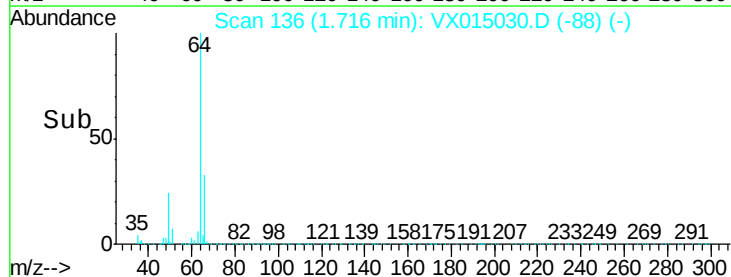
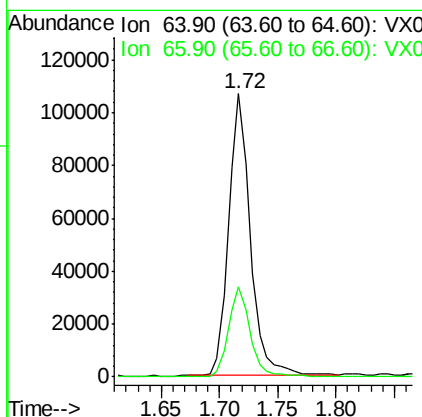
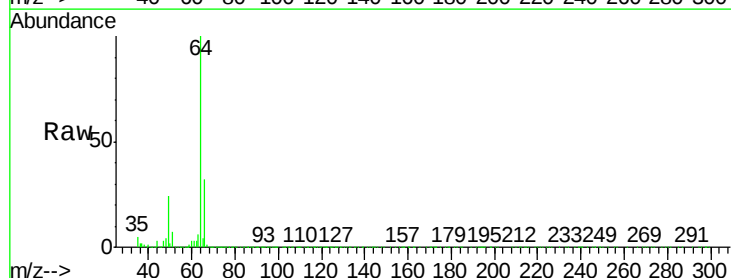
Acq: 26 Feb 2020 18:45

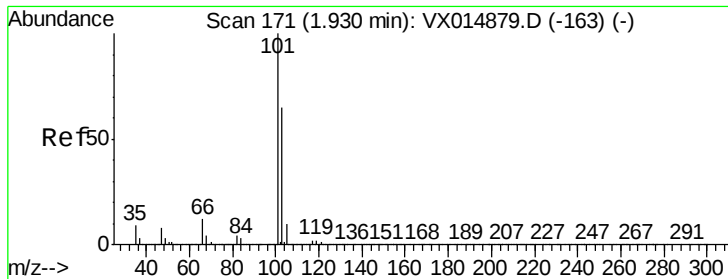
Tgt Ion: 64 Resp: 138709

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.4





#7

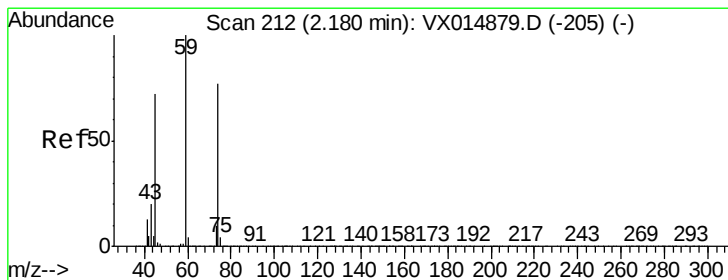
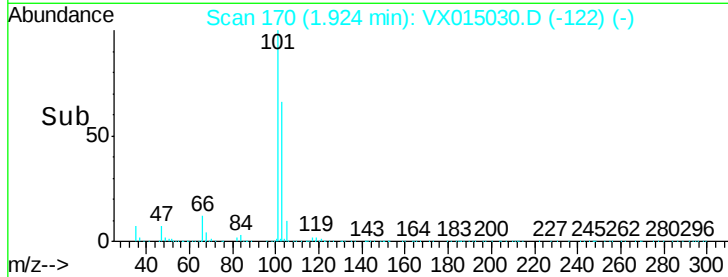
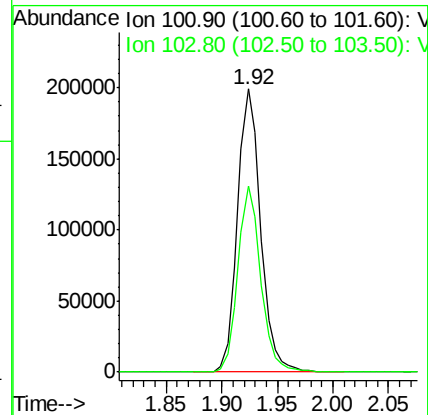
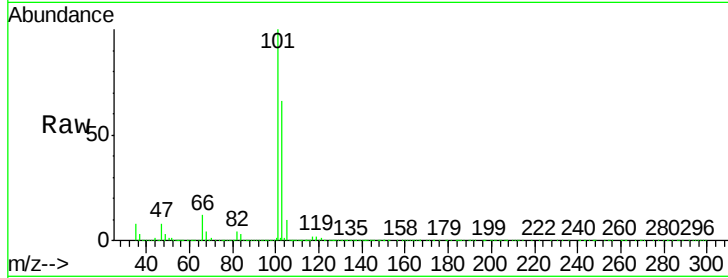
Trichlorofluoromethane
Concen: 44.932 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	288016		
103	65.7	52.2	78.4	

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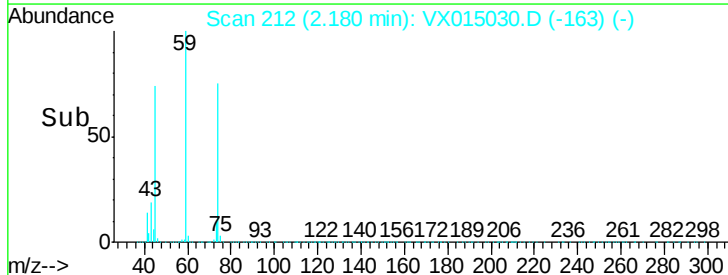
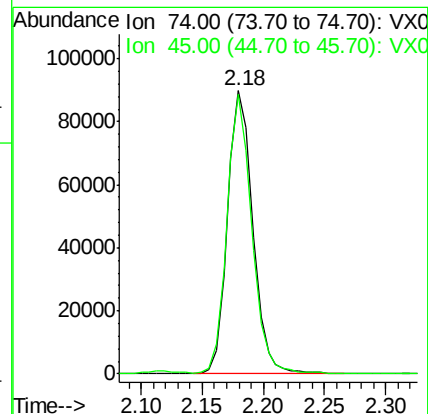
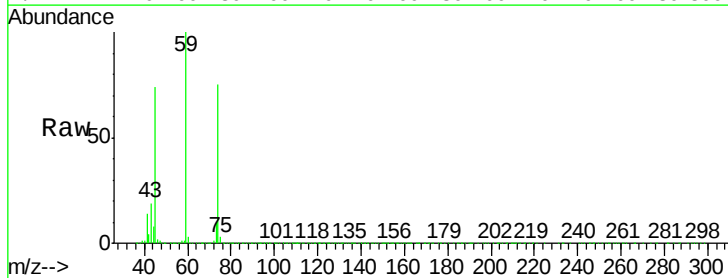
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2/27/2020 10:48:23 AM

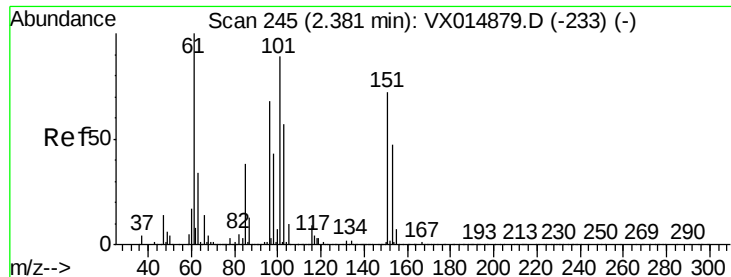


#8

Diethyl Ether
Concen: 48.602 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	129190		
45	96.0	46.6	139.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.510 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

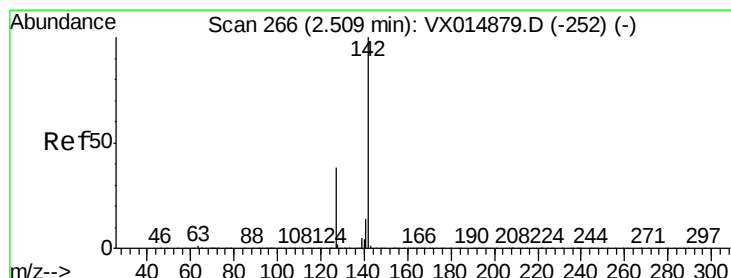
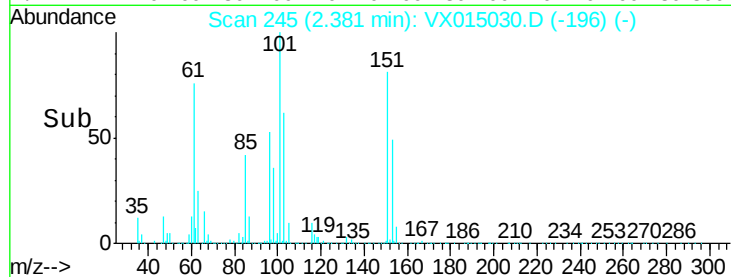
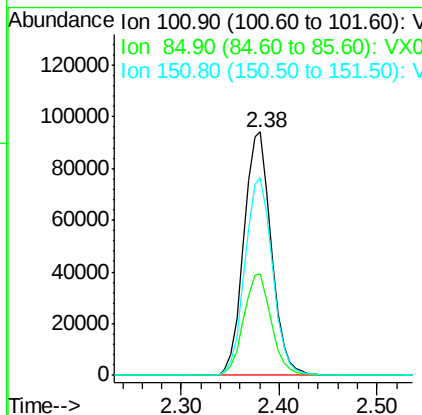
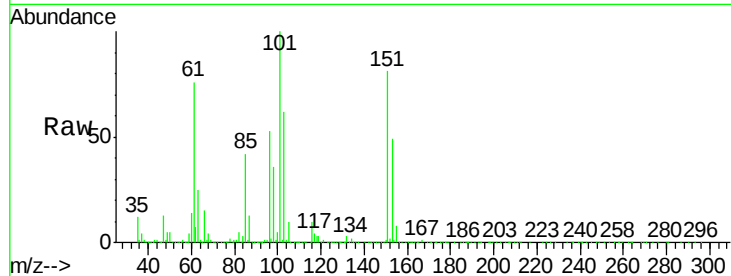
ClientSampleId :

GR-OF-20200225MSD

Tot Ion:	101	Resp:	184215
Ion Ratio	Lower	Upper	
101	100		
85	41.4	34.1	51.1
151	81.1	67.3	100.9

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#10

Methyl Iodide

Concen: 49.476 ug/l

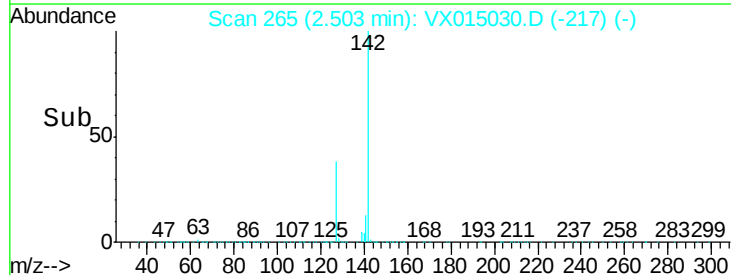
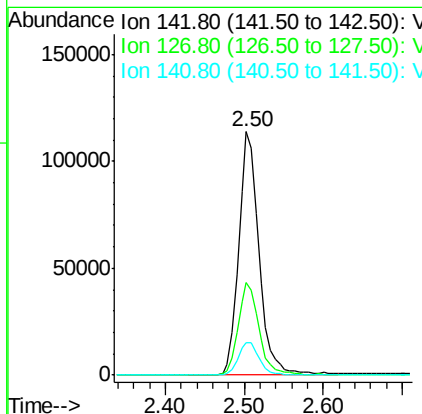
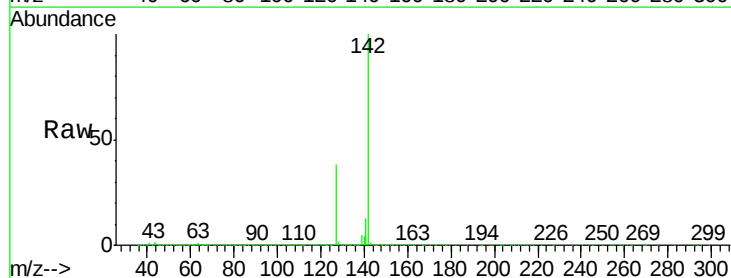
RT: 2.50 min Scan# 265

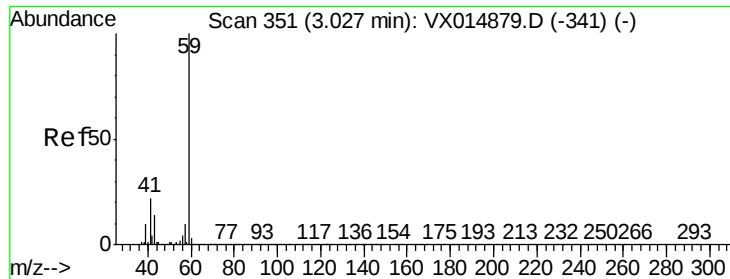
Delta R.T. -0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Tgt Ion:	142	Resp:	205019
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.1	46.7
141	13.8	11.3	16.9





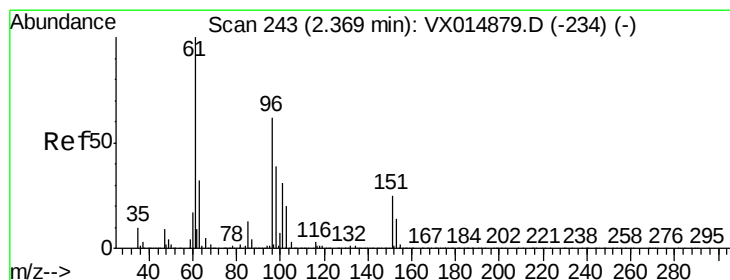
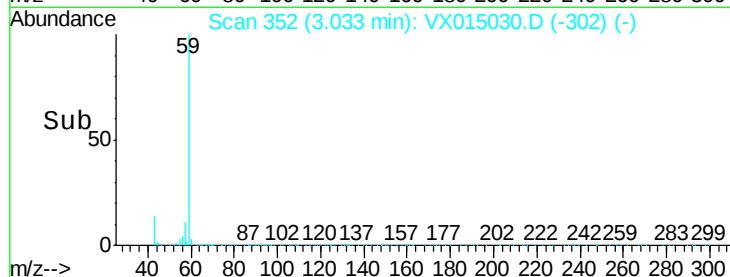
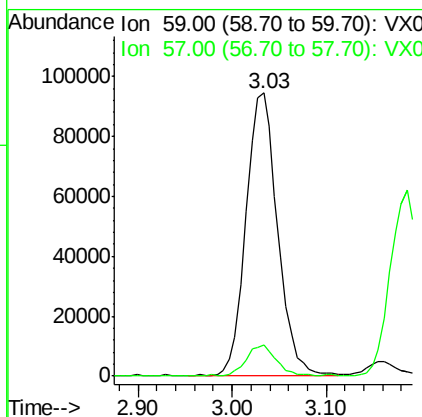
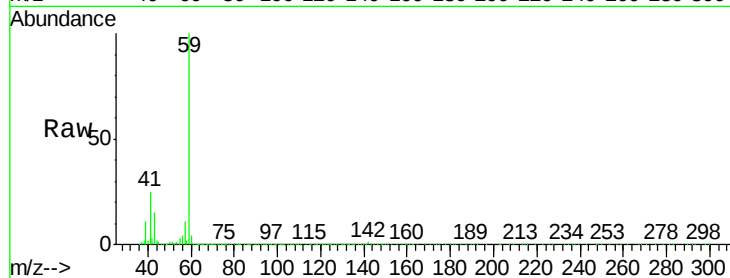
#11
Tert butyl alcohol
Concen: 282.982 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

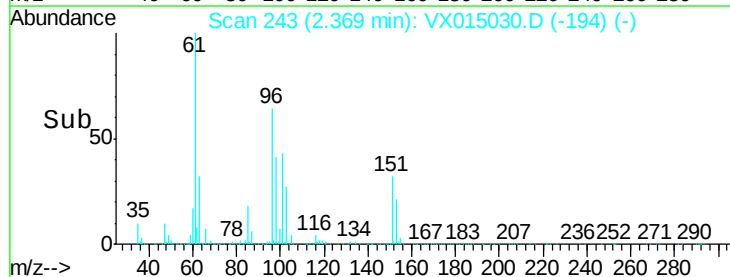
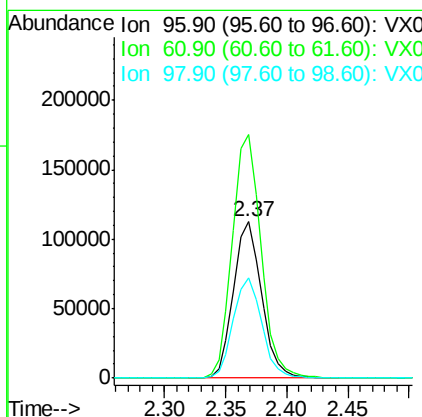
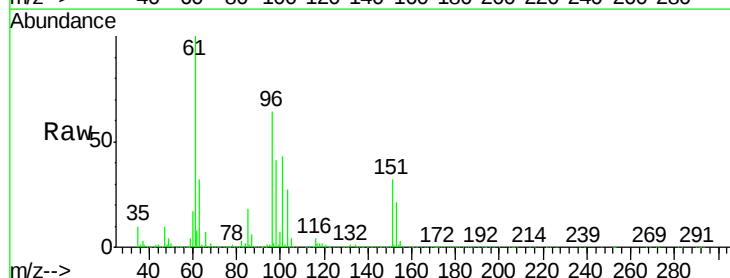
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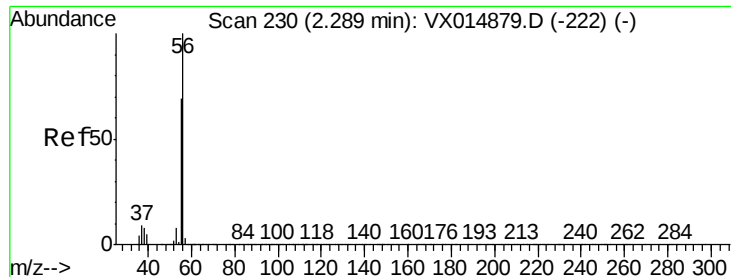
MMDadoda
2/27/2020 10:48:23 AM



#12
1,1-Dichloroethene
Concen: 49.258 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.8	129.5	194.3
98	63.9	50.6	76.0





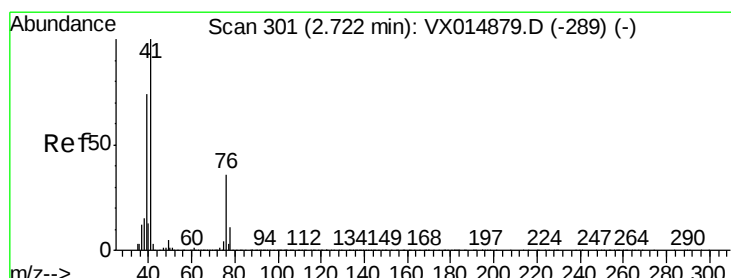
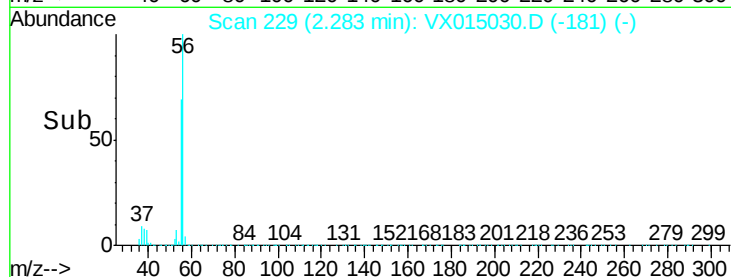
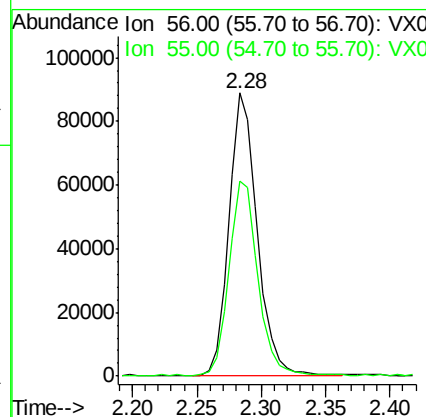
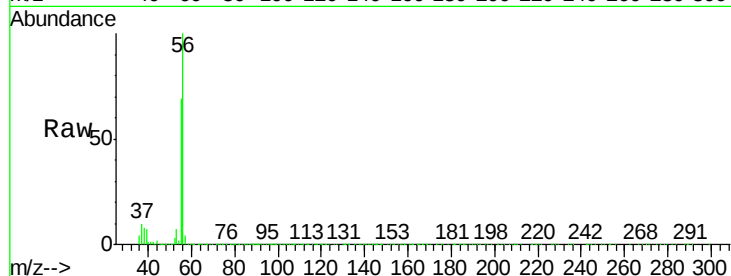
#13
Acrolein
Concen: 226.446 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.6	55.0	82.4

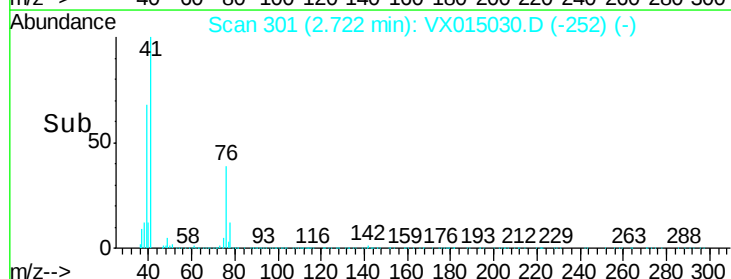
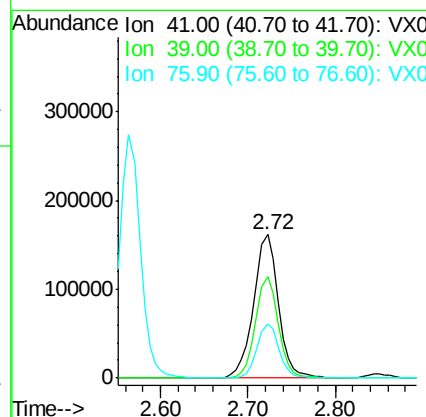
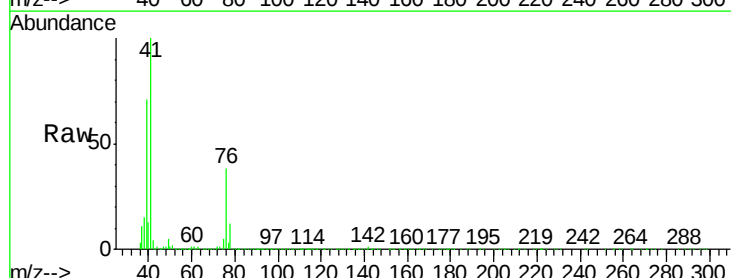
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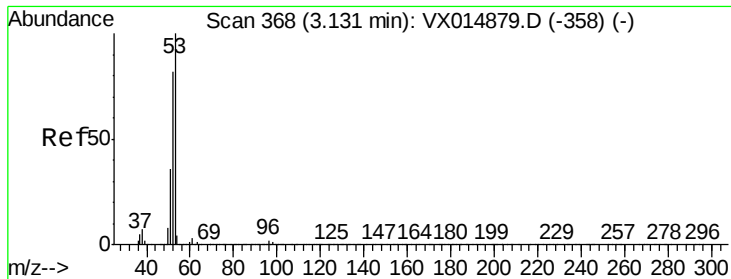
MMDadoda
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#14
Allyl chloride
Concen: 49.322 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.0	55.2	82.8
76	33.2	26.8	40.2





#15

Acrylonitrile

Concen: 285.652 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

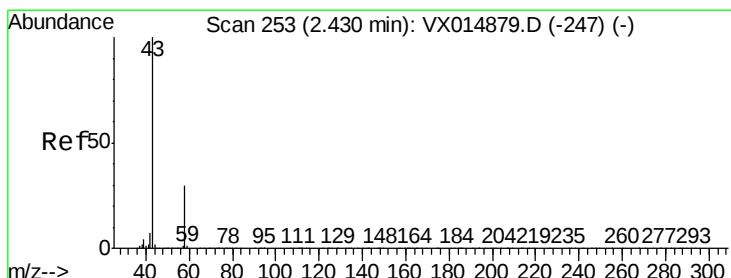
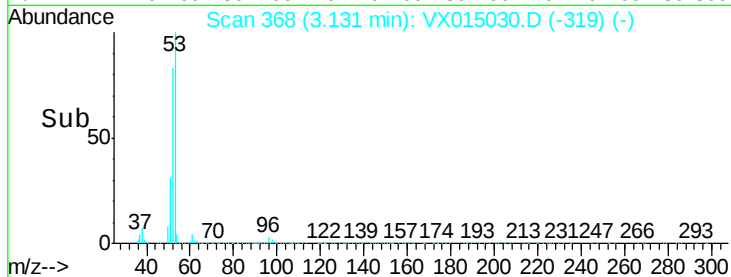
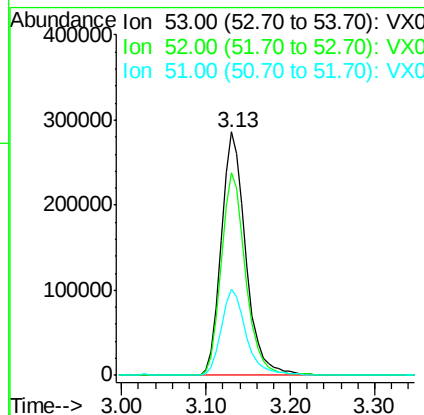
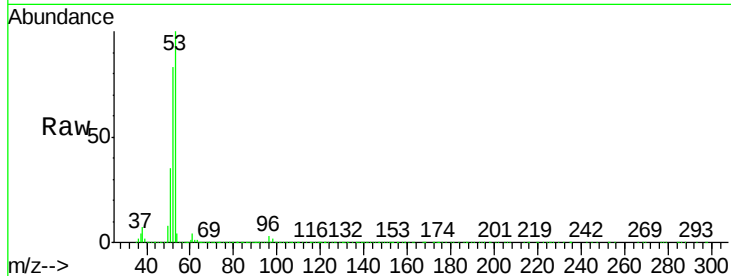
ClientSampleId :

GR-OF-20200225MSD

Tot Ion:	53	Resp:	572385
Ion Ratio	Lower	Upper	
53	100		
52	83.1	65.8	98.6
51	35.6	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 195.074 ug/l

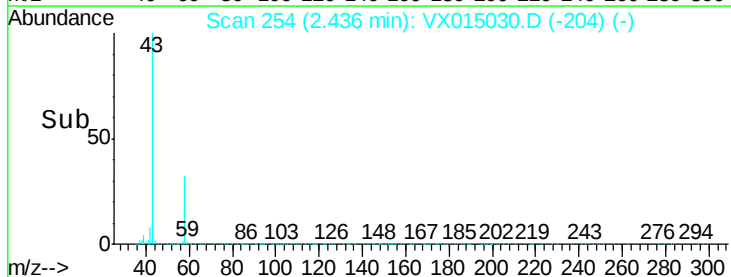
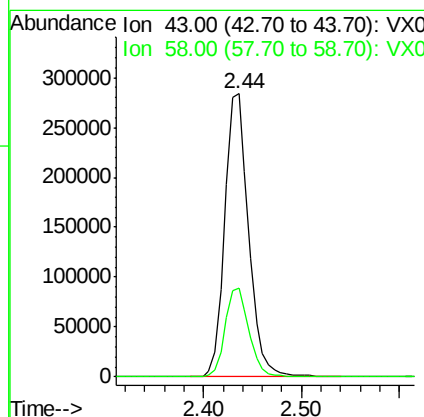
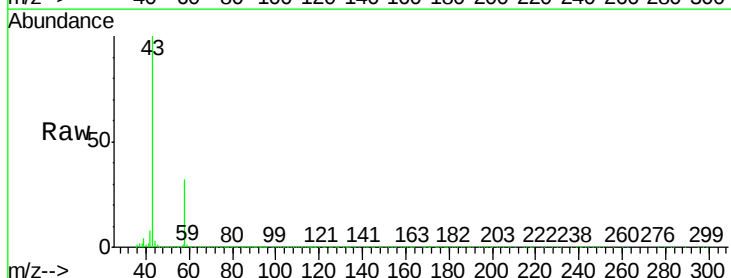
RT: 2.44 min Scan# 254

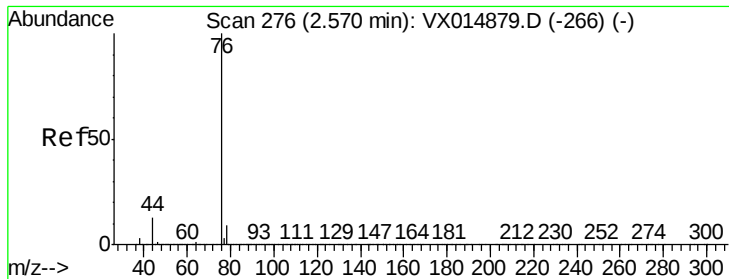
Delta R.T. 0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Tgt Ion:	43	Resp:	474879
Ion Ratio	Lower	Upper	
43	100		
58	31.6	24.1	36.1





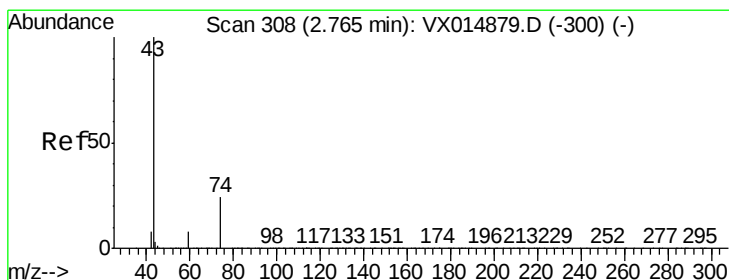
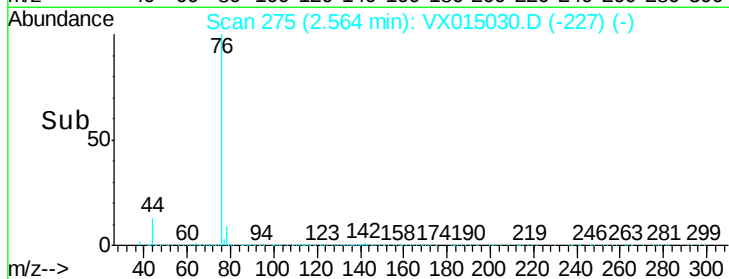
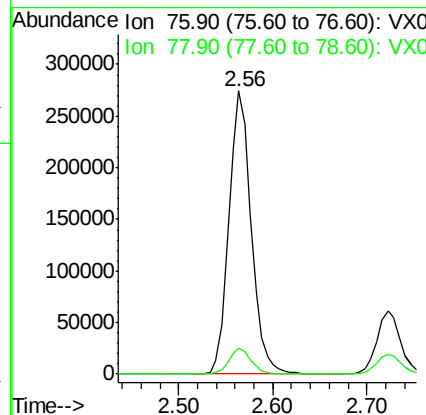
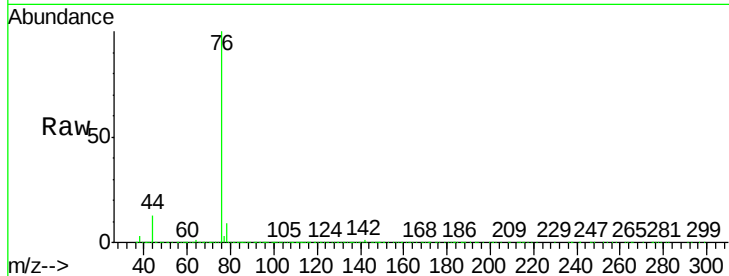
#17
Carbon Disulfide
Concen: 44.447 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

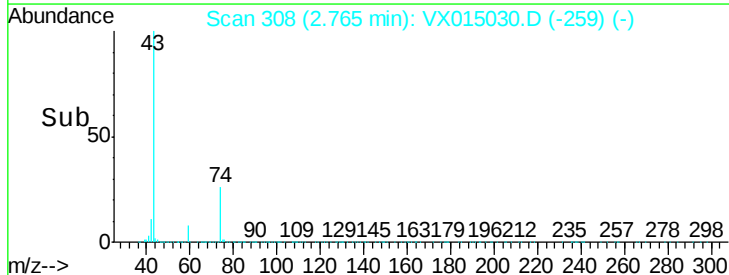
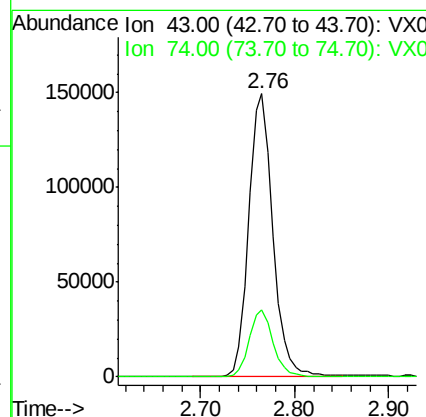
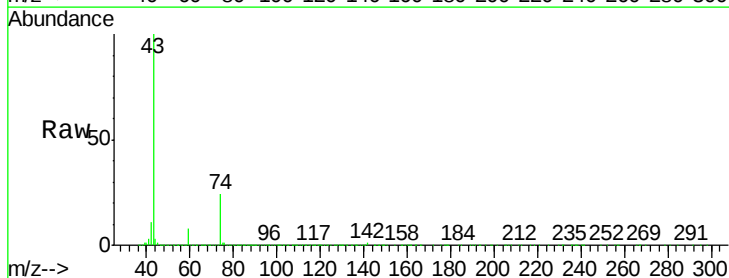
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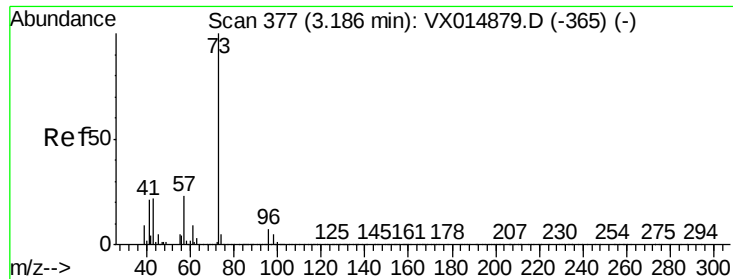
MMDadoda
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#18
Methyl Acetate
Concen: 59.174 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.4	29.0





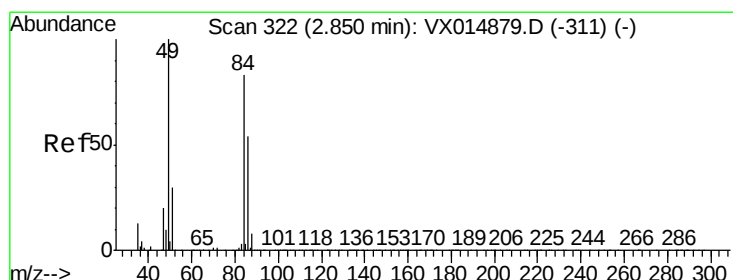
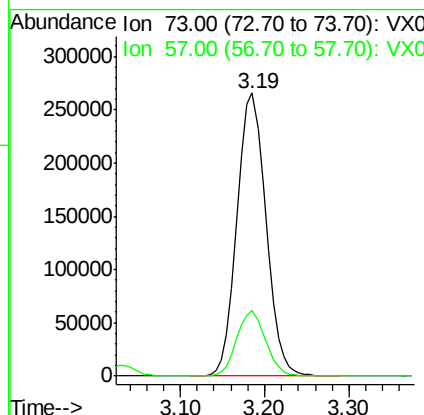
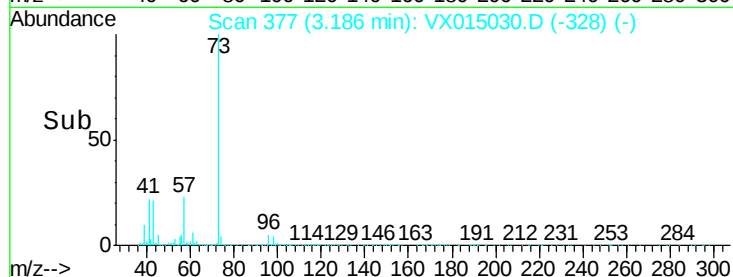
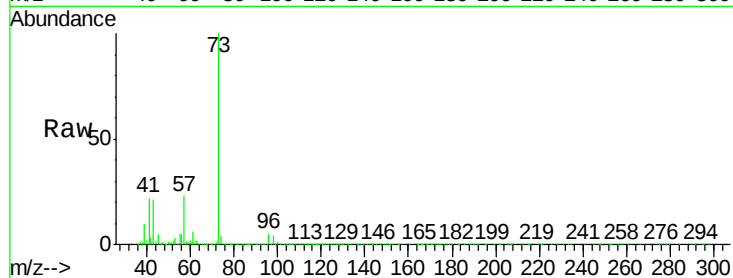
#19
Methvl tert-butvl Ether
Concen: 52.202 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion: 73 Resp: 617700
Ion Ratio Lower Upper
73 100
57 23.3 18.2 27.4

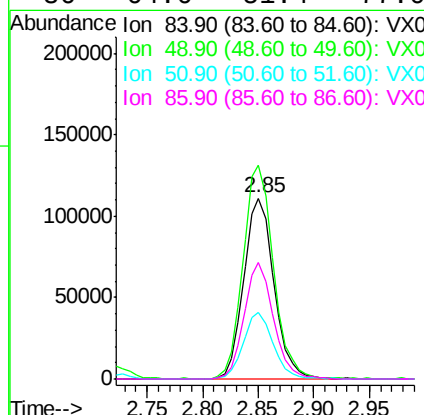
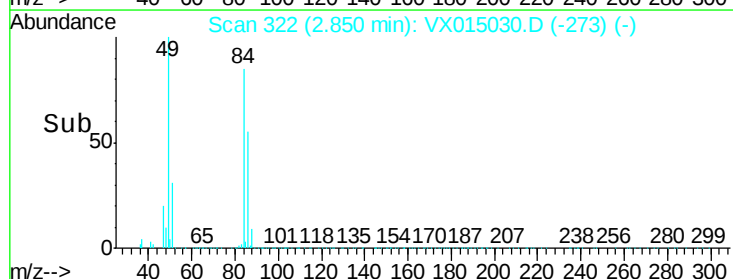
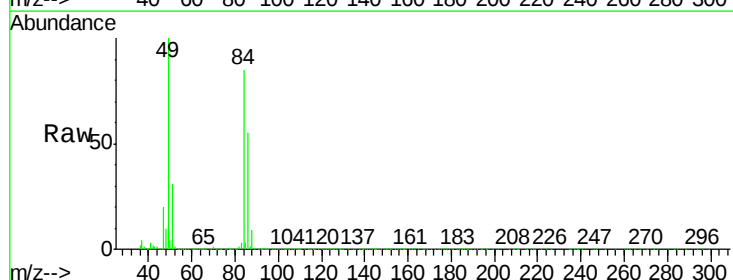
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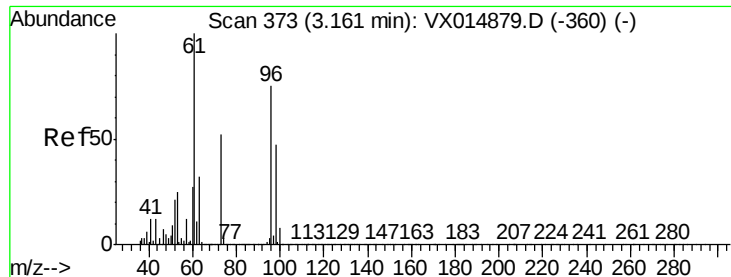
MMDadoda
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#20
Methylene Chloride
Concen: 48.562 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 84 Resp: 209127
Ion Ratio Lower Upper
84 100
49 118.1 95.6 143.4
51 37.0 29.0 43.6
86 64.6 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 49.490 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

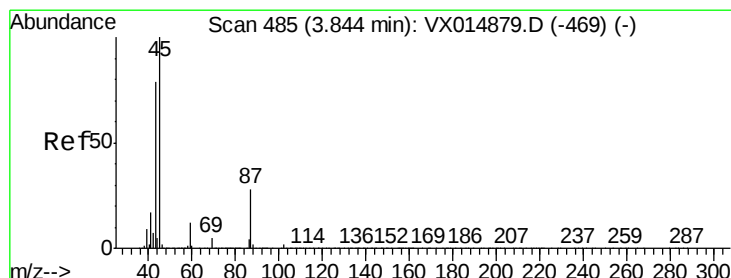
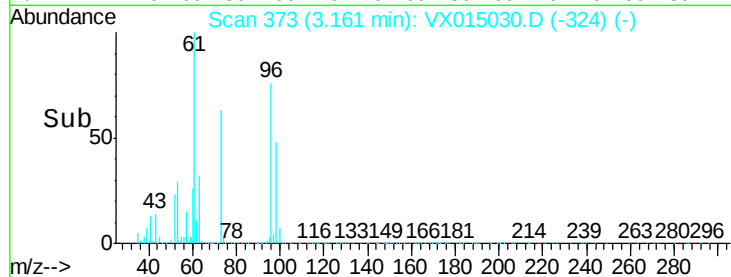
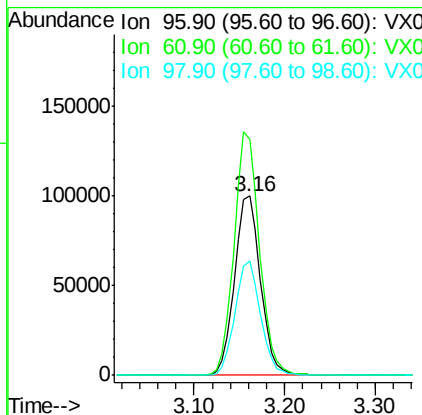
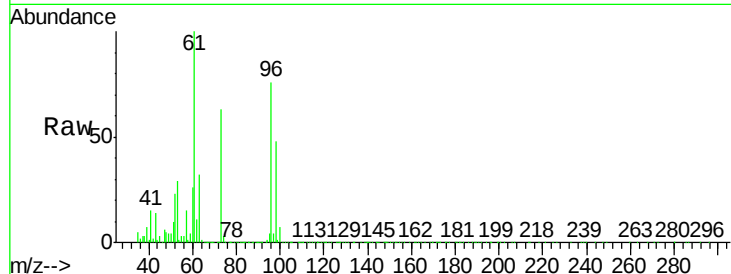
ClientSampleId :

GR-OF-20200225MSD

Tot Ion:	96	Resp:	198545
Ion Ratio	Lower	Upper	
96	100		
61	131.1	106.9	160.3
98	63.6	50.7	76.1

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#22

Diisopropyl ether

Concen: 54.067 ug/l

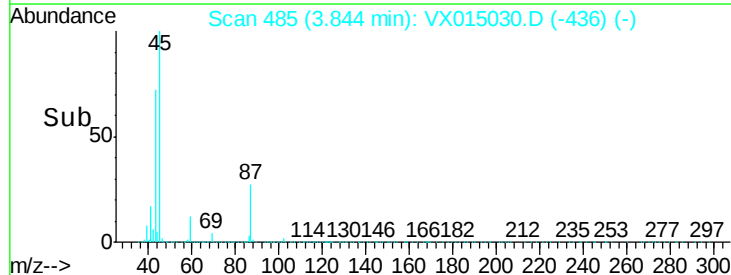
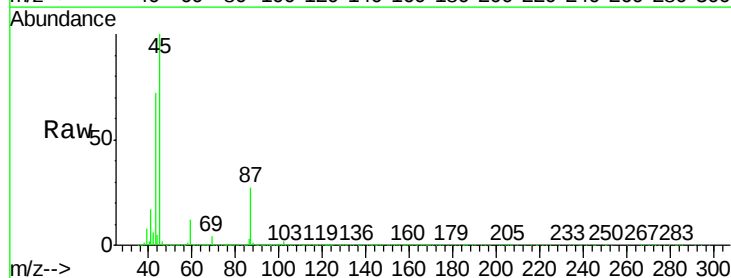
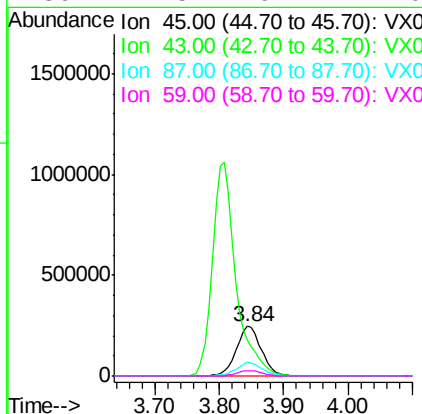
RT: 3.84 min Scan# 485

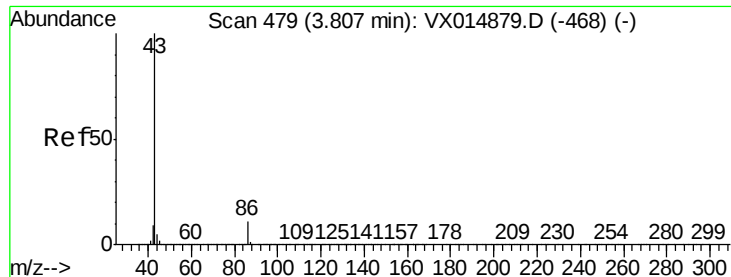
Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Tgt Ion:	45	Resp:	665660
Ion Ratio	Lower	Upper	
45	100		
43	71.4	63.5	95.3
87	27.4	22.2	33.4
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 268.489 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

Tot Ion: 43 Resp: 2724943

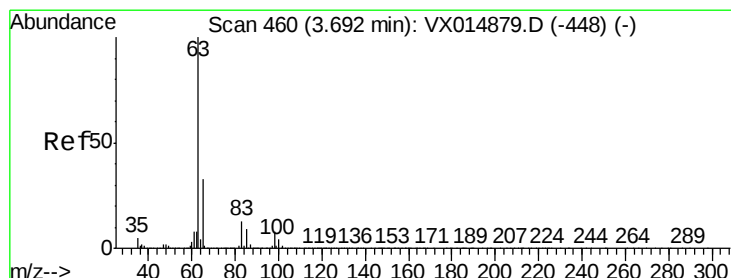
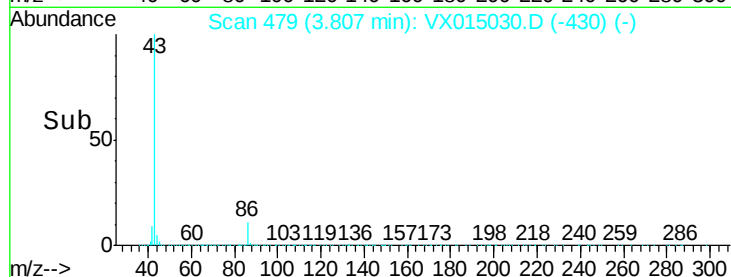
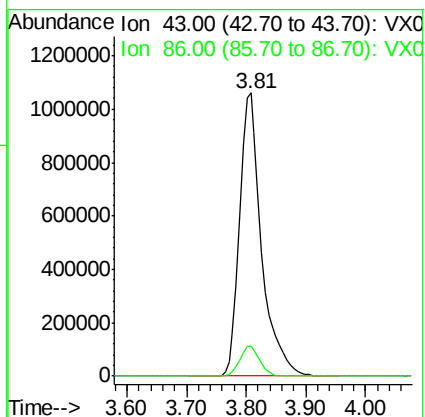
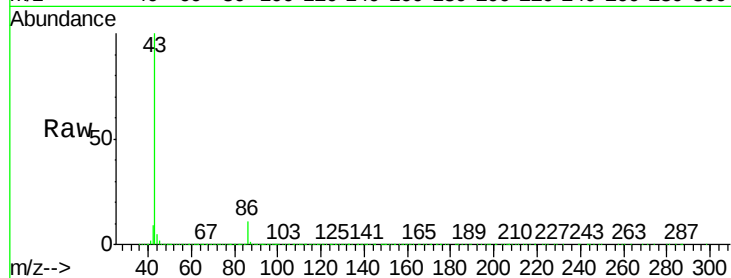
Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 52.192 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

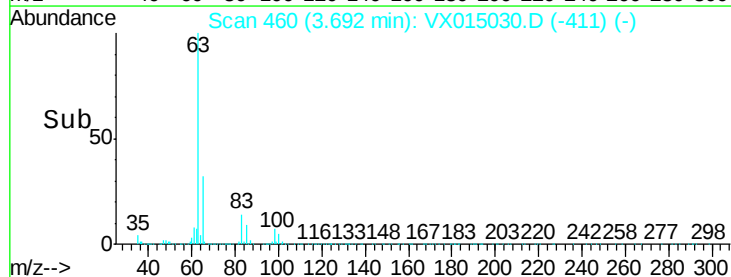
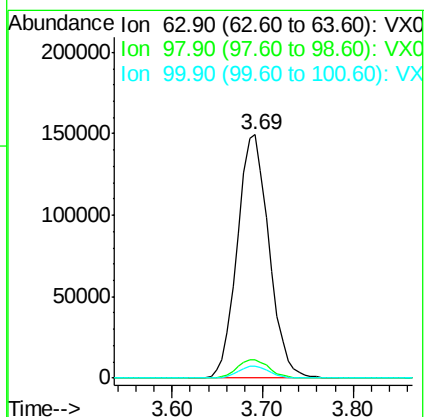
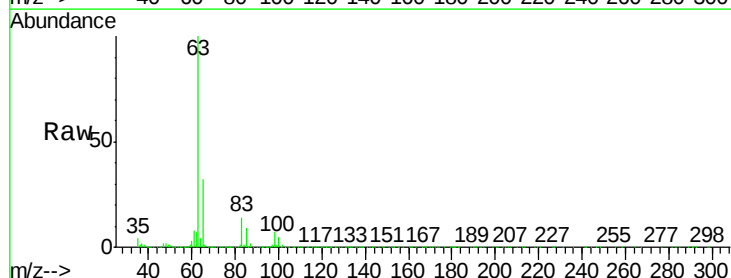
Tgt Ion: 63 Resp: 362653

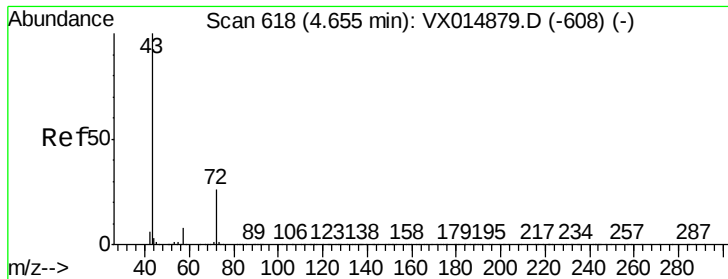
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 260.516 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

Tot Ion: 43 Resp: 793979

Ion Ratio Lower Upper

43 100

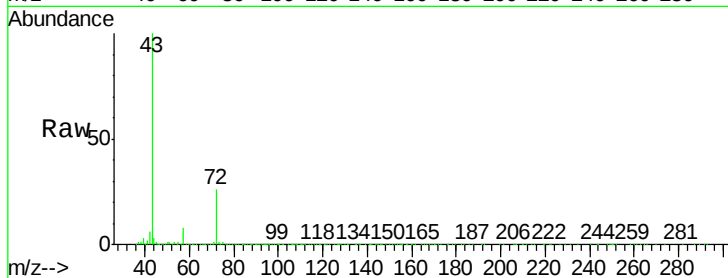
72 26.0 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

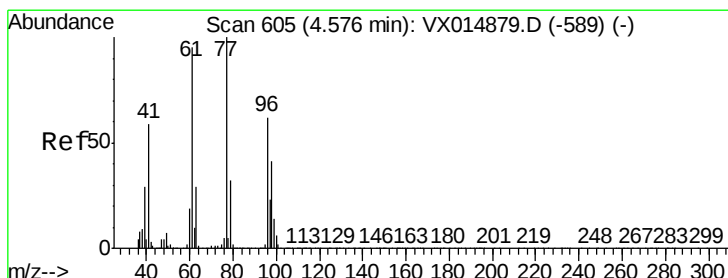
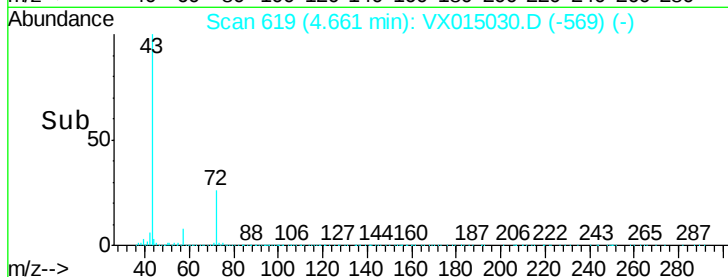
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.378 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015030.D

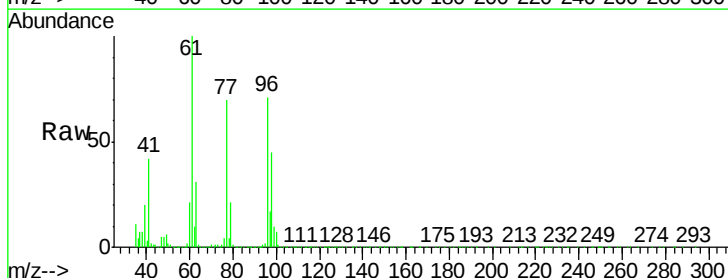
Acq: 26 Feb 2020 18:45

Tgt Ion: 77 Resp: 253769

Ion Ratio Lower Upper

77 100

97 26.3 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

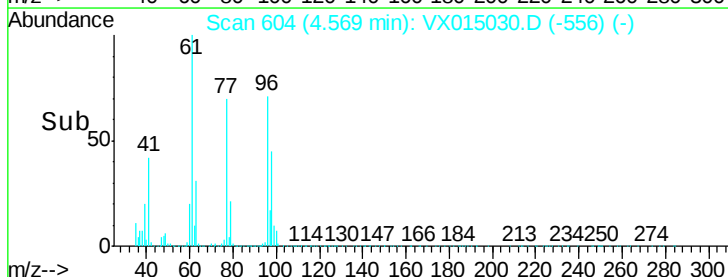
40000

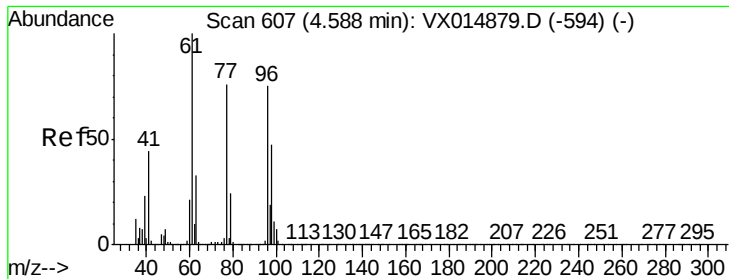
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

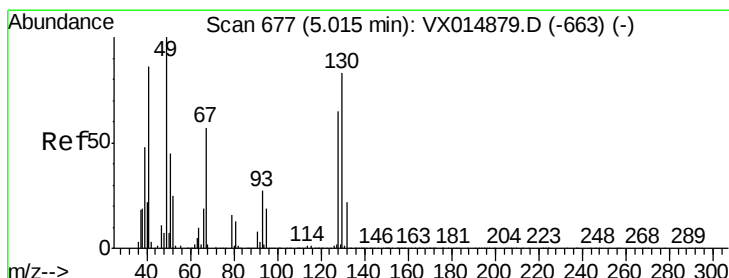
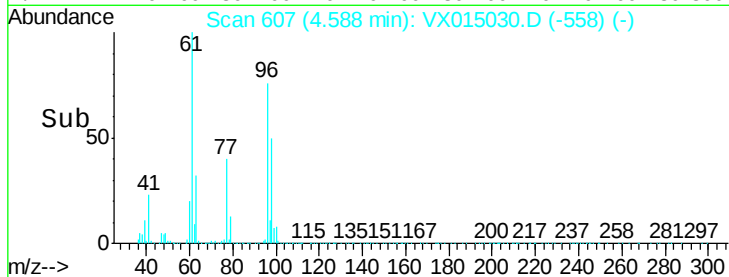
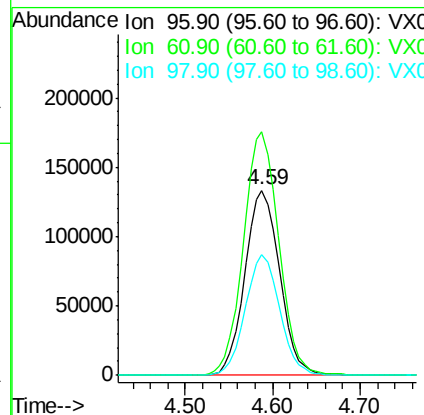
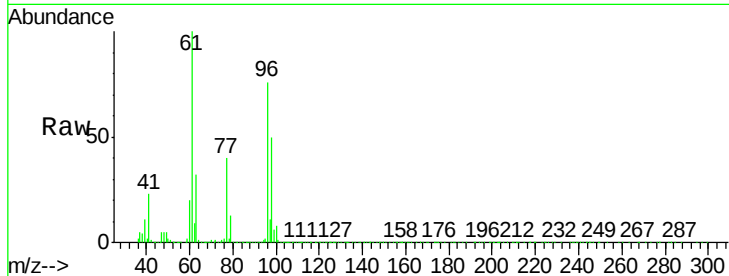
cis-1,2-Dichloroethene
Concen: 82.318 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	369164		
61	134.1	0.0	286.2	
98	65.0	0.0	131.0	

Manual Integrations
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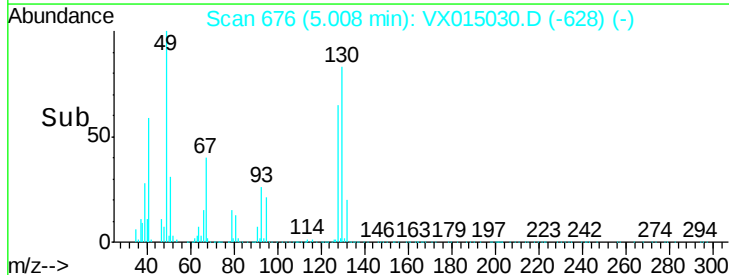
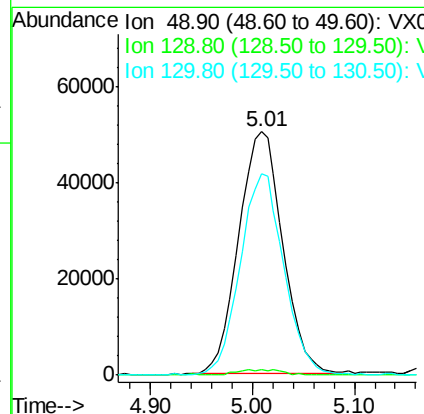
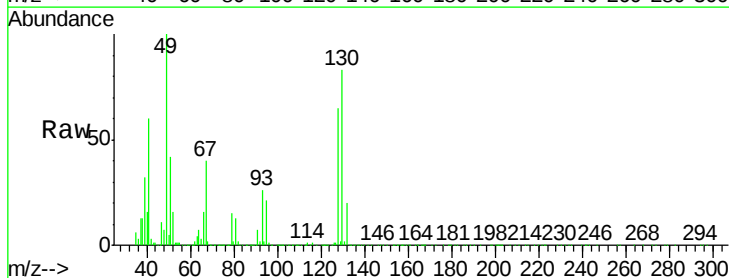
MMDadoda
2/27/2020 10:48:23 AM

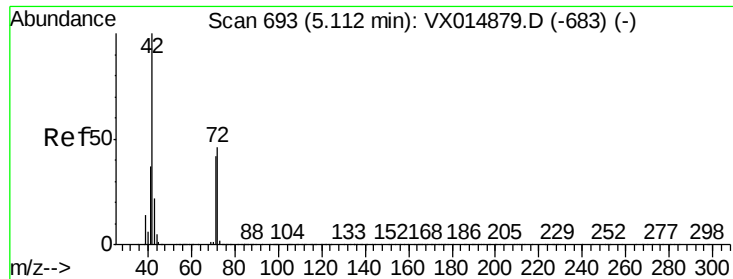


#28

Bromochloromethane
Concen: 56.346 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	151756		
129	2.2	0.0	5.2	
130	81.7	67.4	101.2	





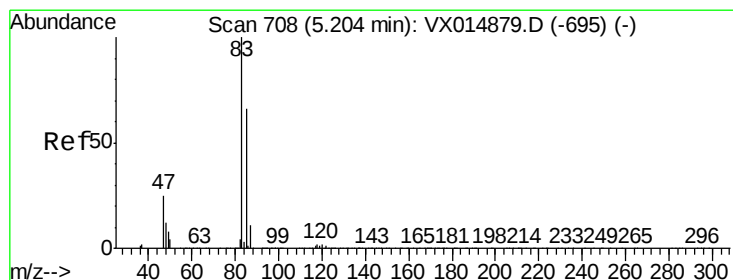
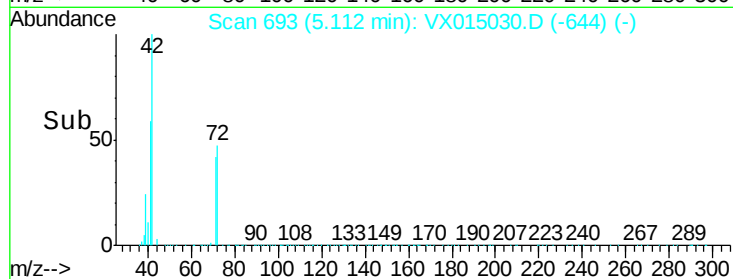
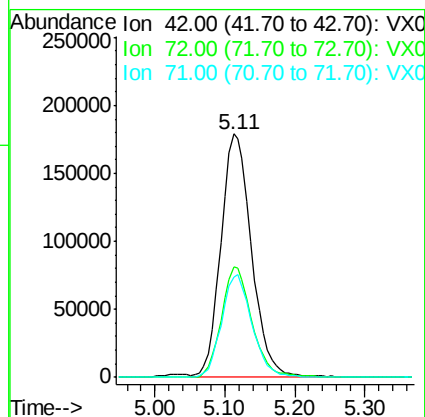
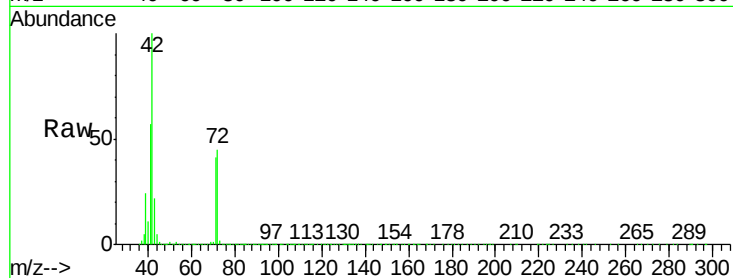
#29
Tetrahydrofuran
Concen: 310.174 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.9	55.3
71	42.0	34.1	51.1

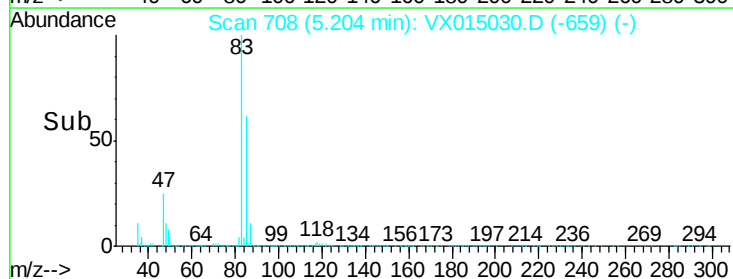
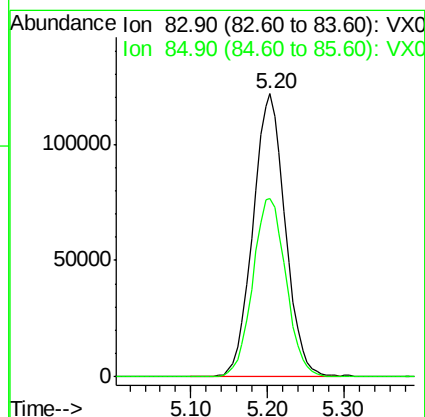
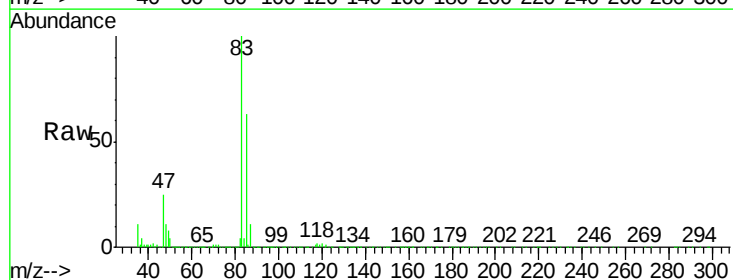
Manual Integrations
APPROVED

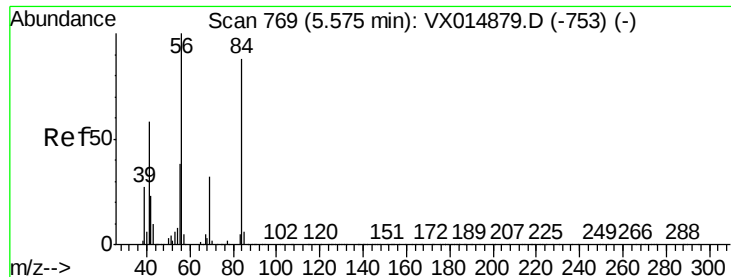
MMDadoda
2/27/2020 10:48:23 AM



#30
Chloroform
Concen: 51.706 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.9	79.3





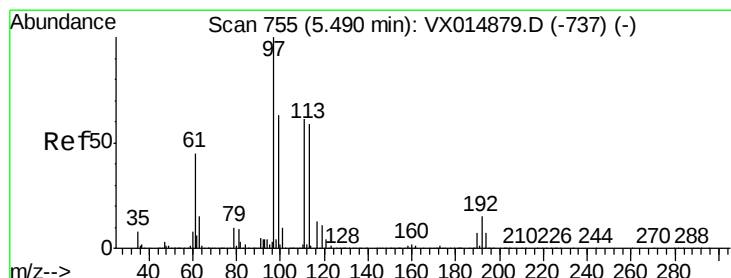
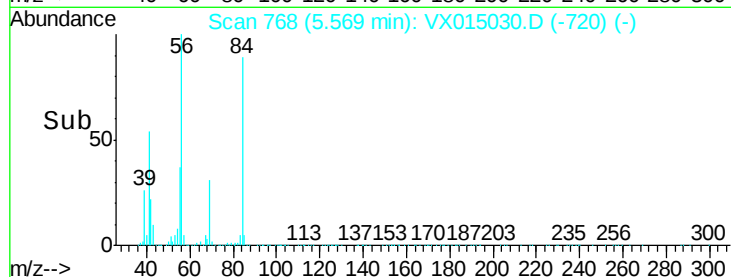
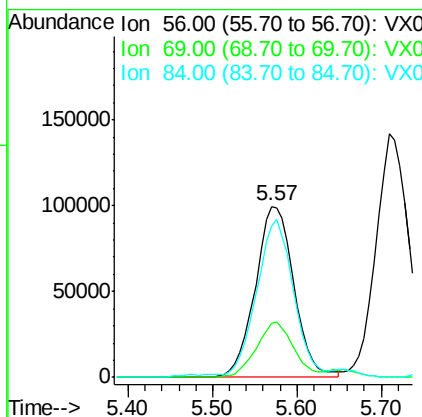
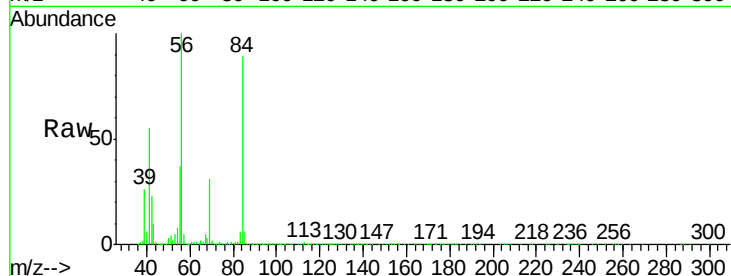
#31
Cyclohexane
Concen: 49.442 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.9	38.9
84	87.6	70.4	105.6

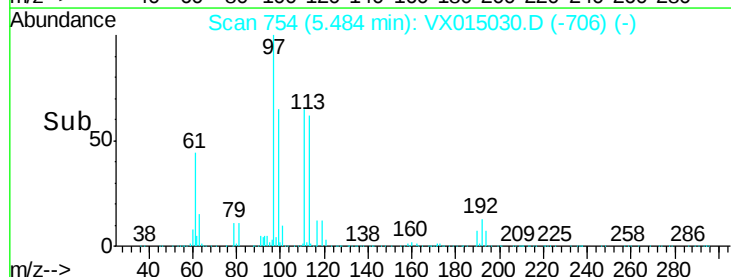
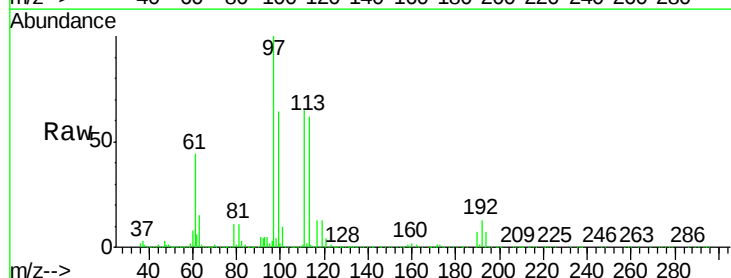
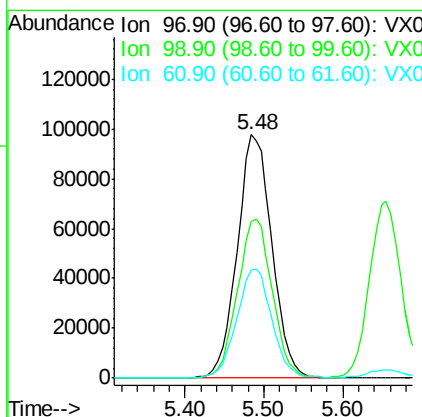
Manual Integrations
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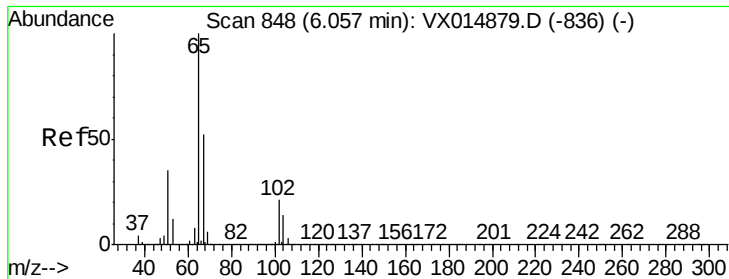
MMDadoda
2/27/2020 10:48:23 AM



#32
1,1,1-Trichloroethane
Concen: 49.369 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.0	76.6
61	45.4	36.3	54.5





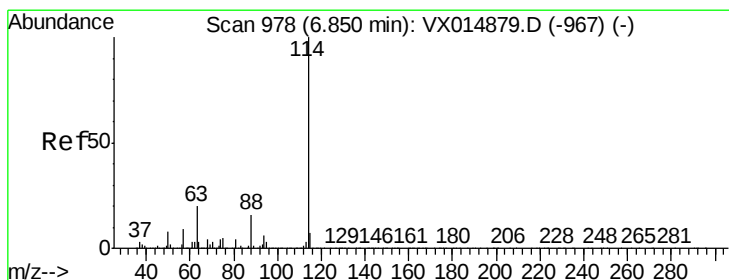
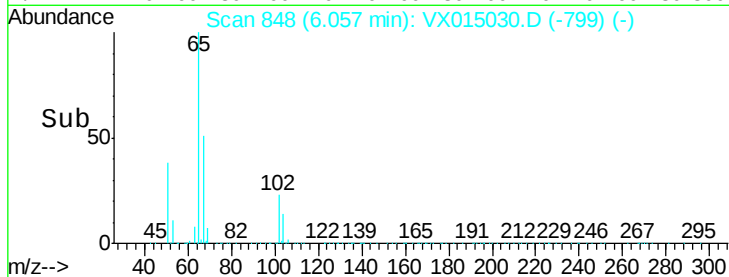
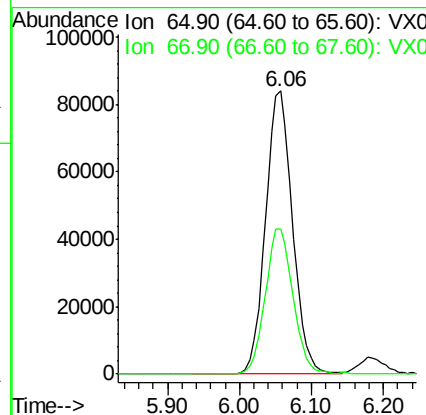
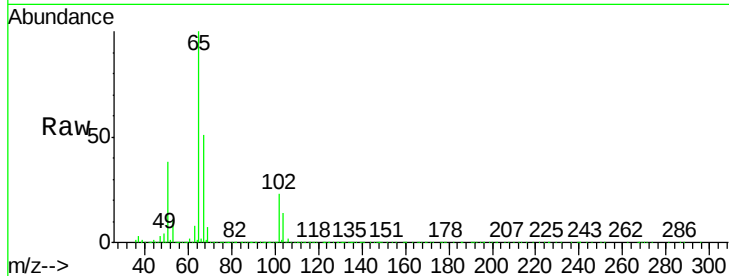
#33
 1,2-Dichloroethane-d4
 Concen: 48.578 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	217469		
67	52.3	0.0	103.0	

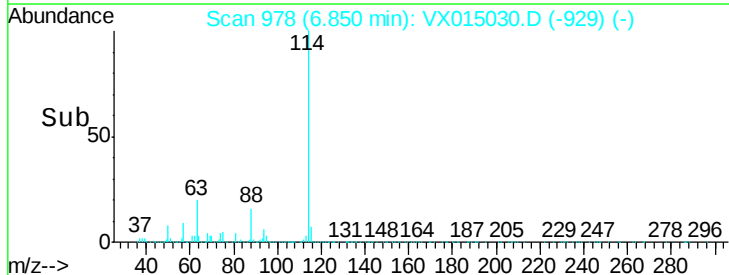
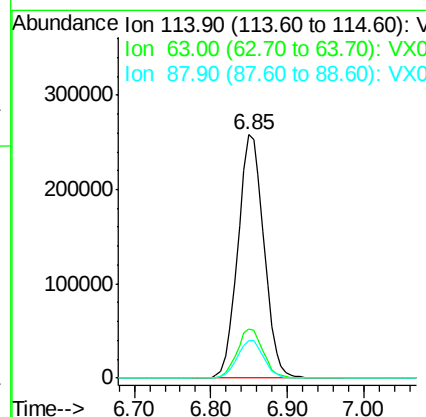
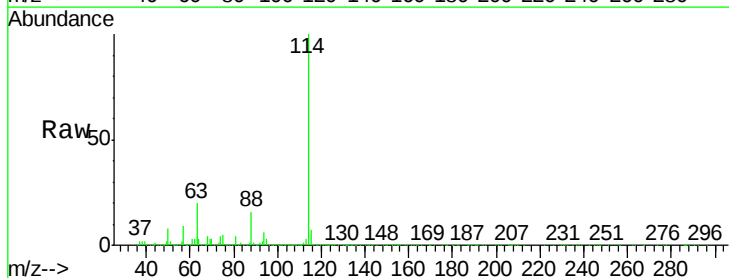
Manual Integrations
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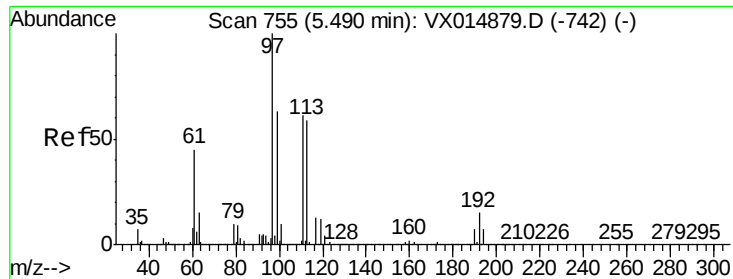
MMDadoda
 2/27/2020 10:48:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	607498		
63	20.3	0.0	39.2	
88	15.5	0.0	32.0	





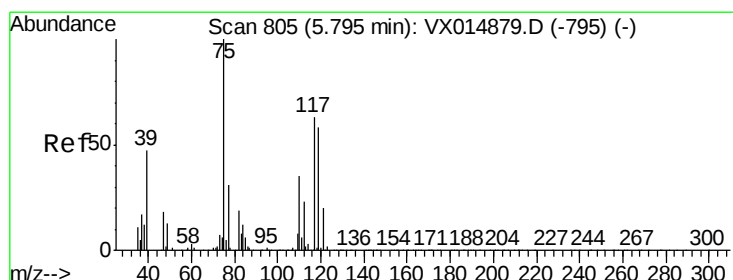
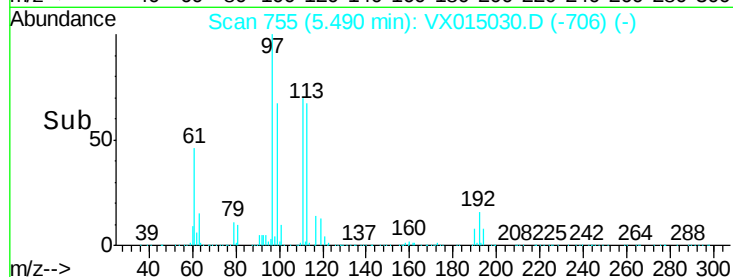
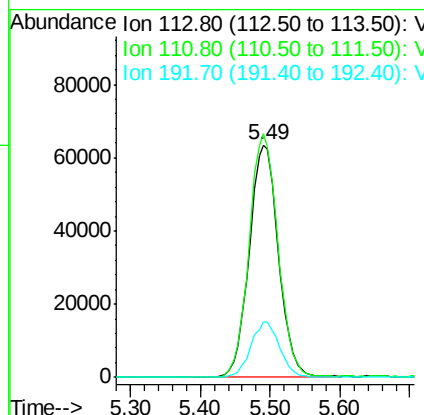
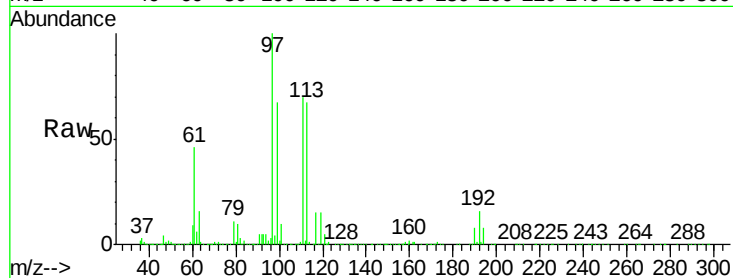
#35
Dibromofluoromethane
Concen: 49.164 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	183616		
111	103.5	82.4	123.6	
192	23.6	19.1	28.7	

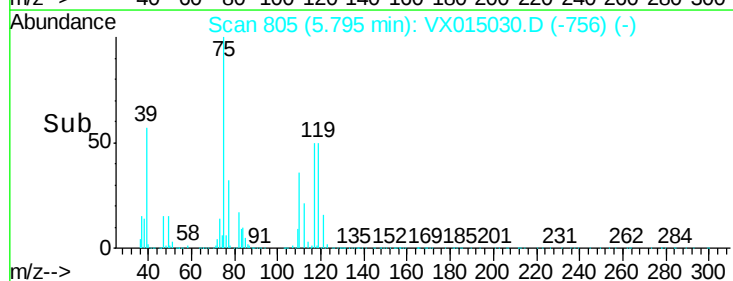
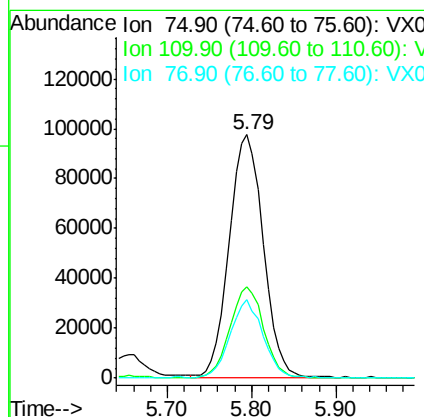
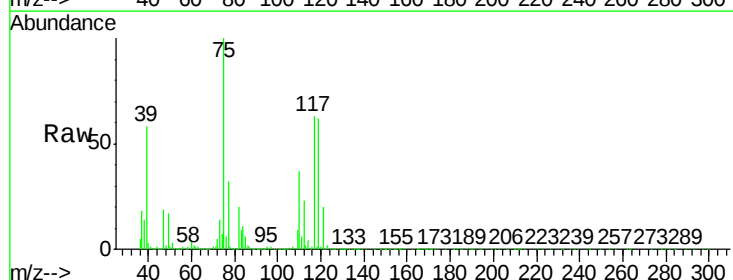
Manual Integrations
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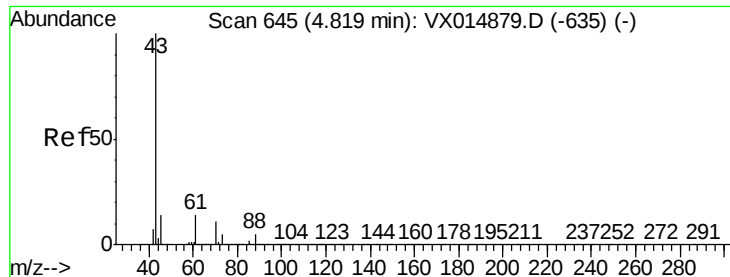
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.973 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	266131		
110	37.1	18.3	54.8	
77	30.6	24.6	36.8	





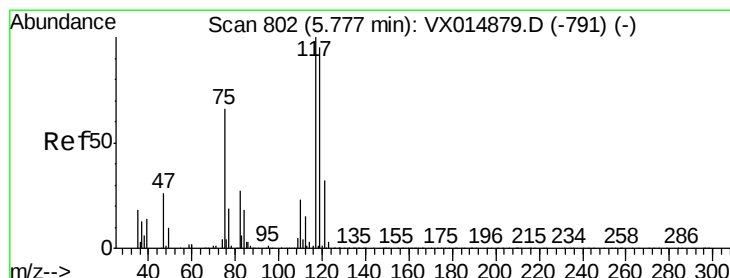
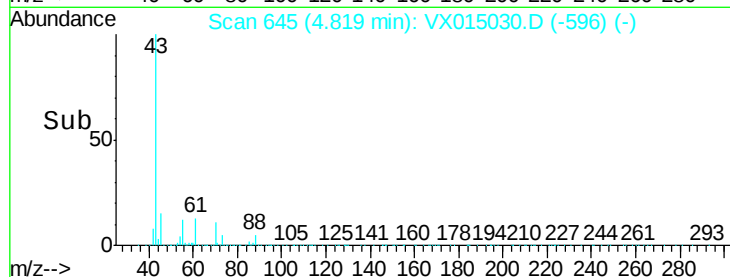
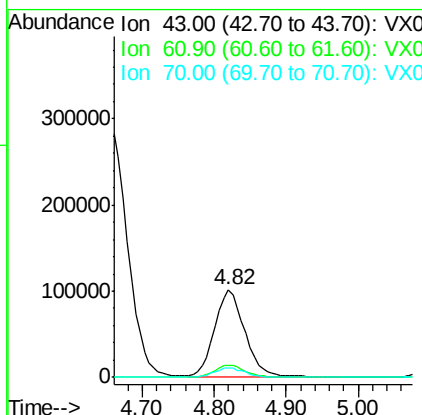
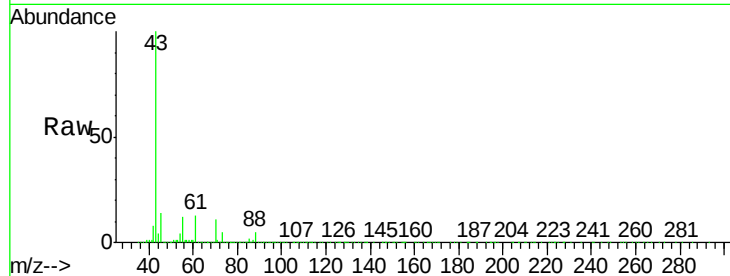
#37
Ethyl Acetate
Concen: 52.040 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	43	Resp	294956
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.9	16.3
70	10.7	8.7	13.1

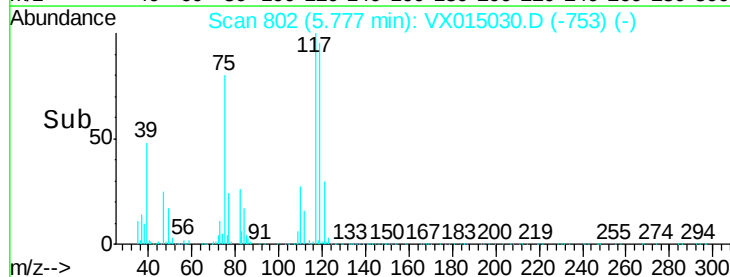
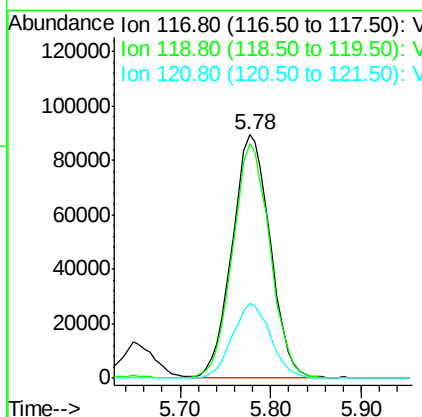
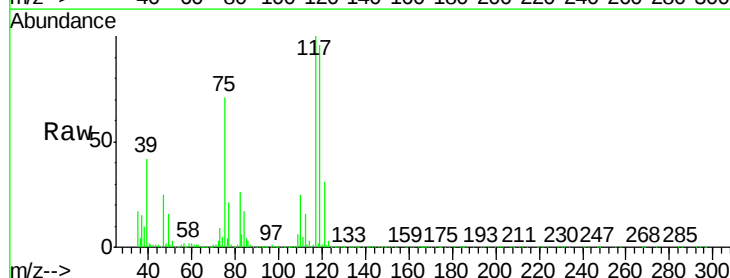
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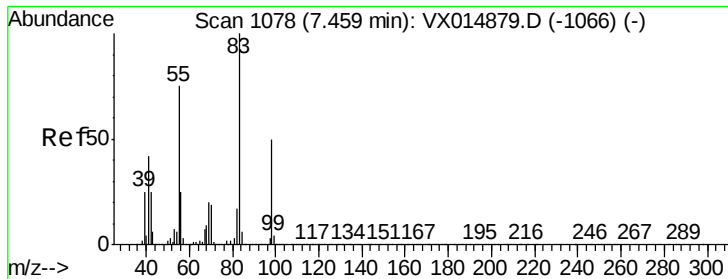
MMDadoda
2/27/2020 10:48:23 AM



#38
Carbon Tetrachloride
Concen: 48.945 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	117	Resp	259208
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.0	114.0
121	30.5	25.4	38.2





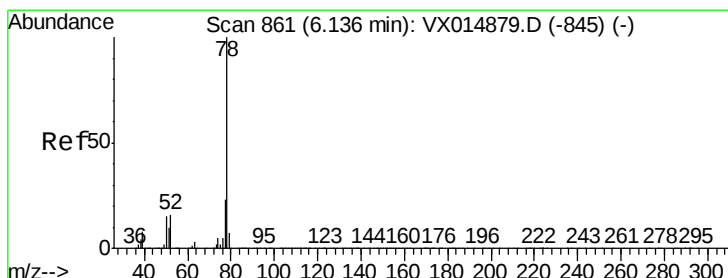
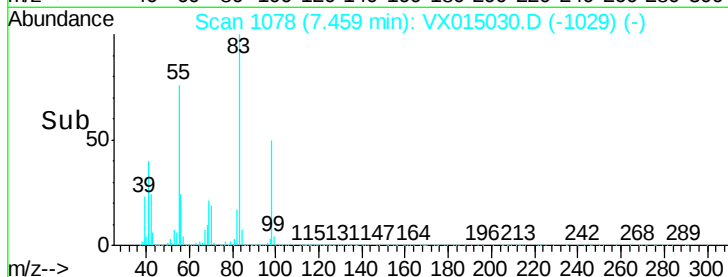
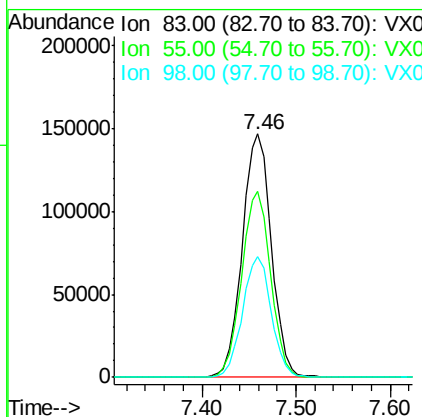
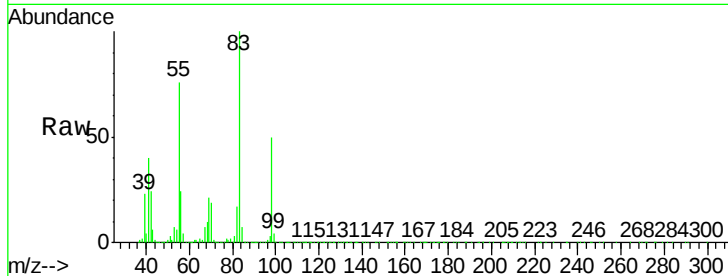
#39
Methvlcvclohexane
Concen: 46.670 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	317186		
55	76.2	60.0	90.0	
98	49.5	39.6	59.4	

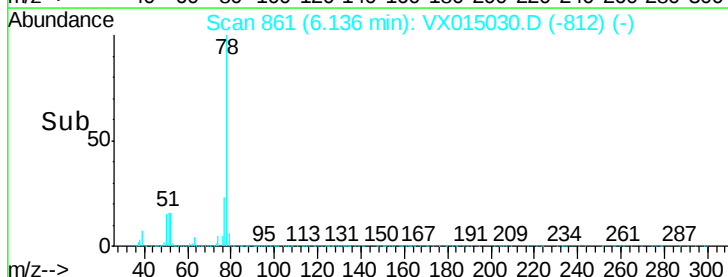
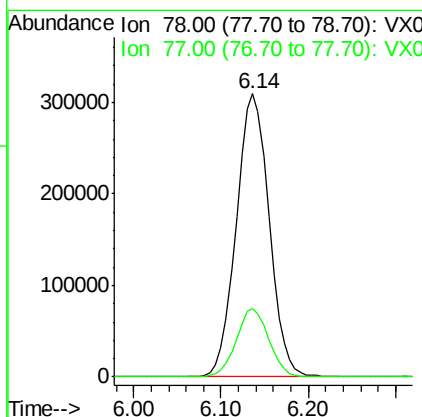
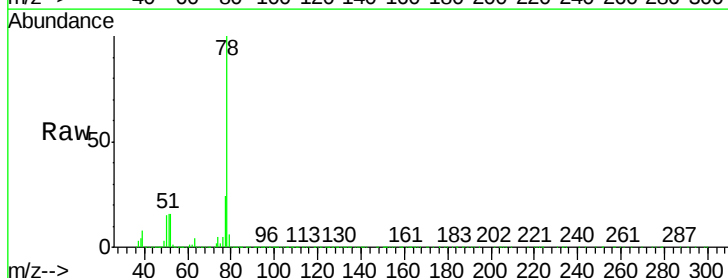
Manual Integrations
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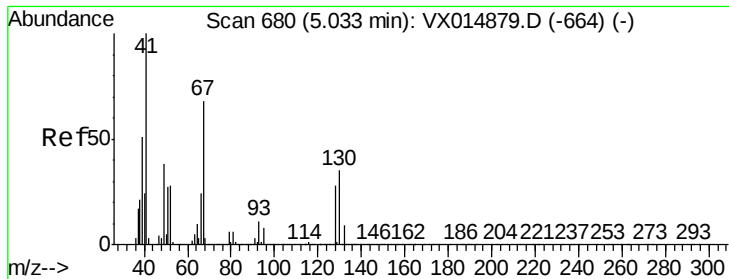
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#40
Benzene
Concen: 49.859 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	809542		
77	23.9	18.8	28.2	





#41

Methacrylonitrile

Concen: 56.226 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

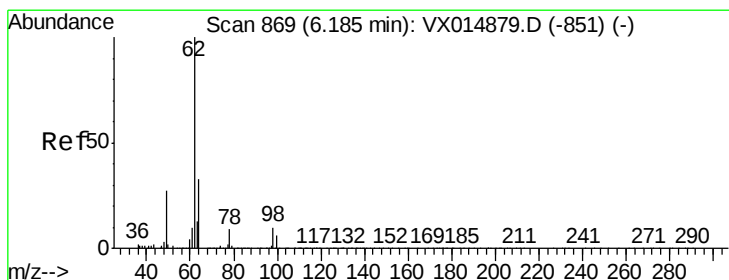
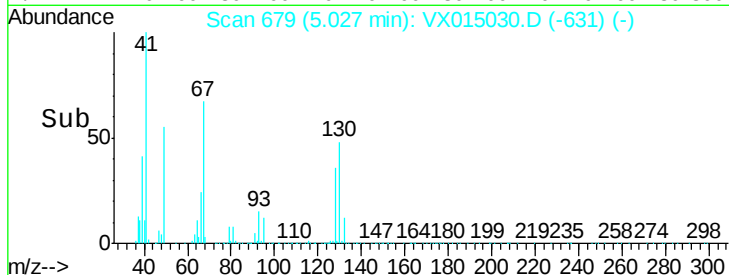
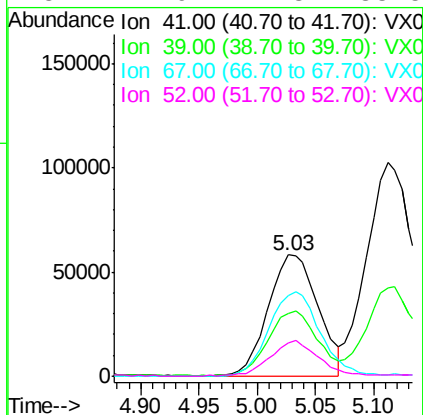
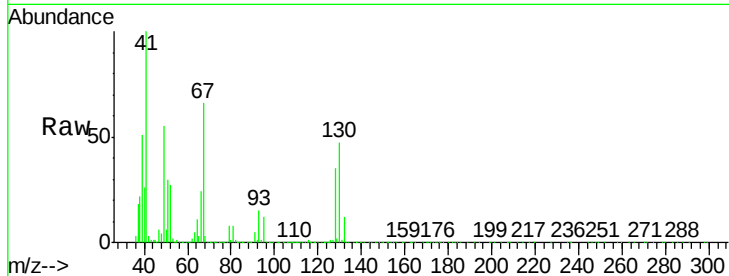
ClientSampleId :

GR-OF-20200225MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.0	44.7	67.1		
67	72.1	56.6	84.8		
52	27.9	22.3	33.5		

Manual Integrations
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2/27/2020 10:48:23 AM



#42

1,2-Dichloroethane

Concen: 48.100 ug/l

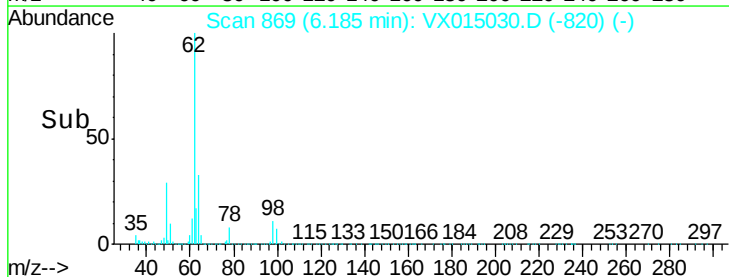
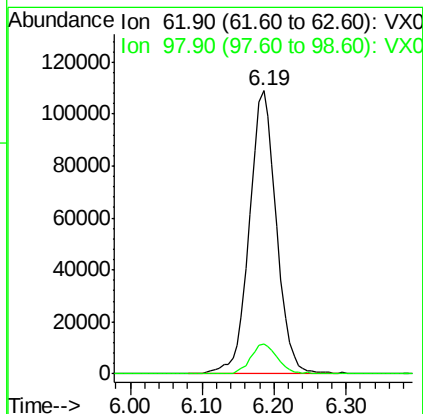
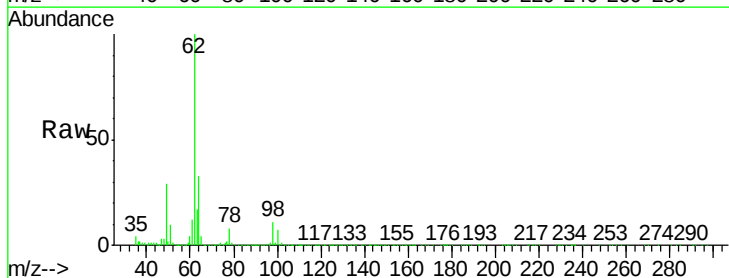
RT: 6.19 min Scan# 869

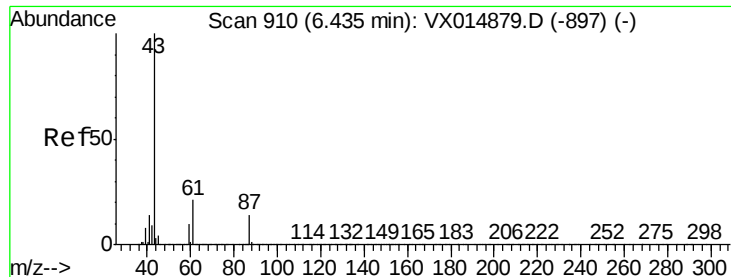
Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.8	0.0	19.2		





#43

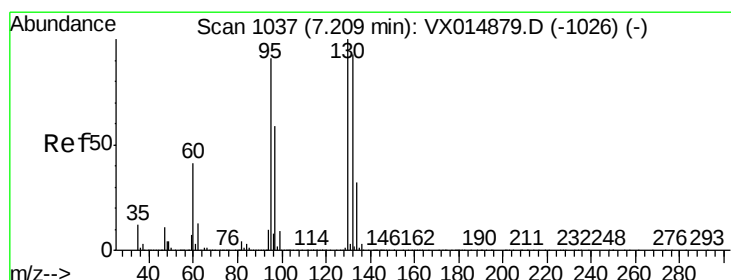
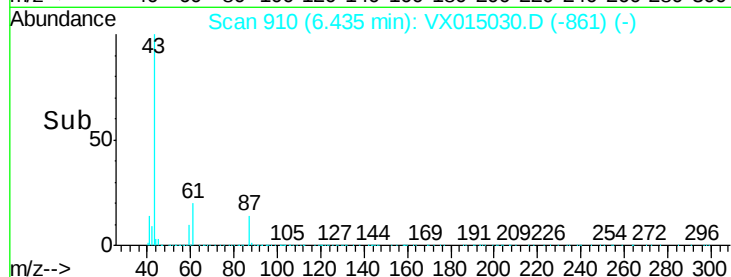
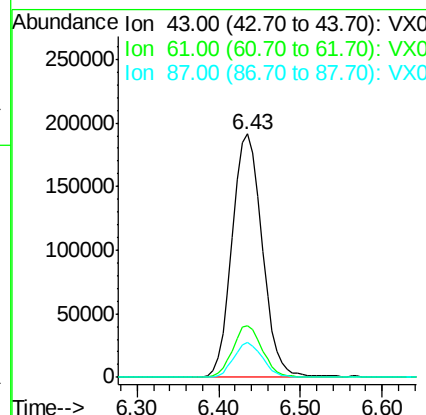
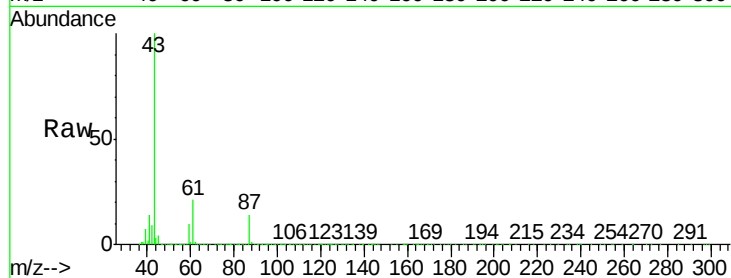
Isopropyl Acetate
 Concen: 52.029 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.2	24.4
87	13.6	11.0	16.6

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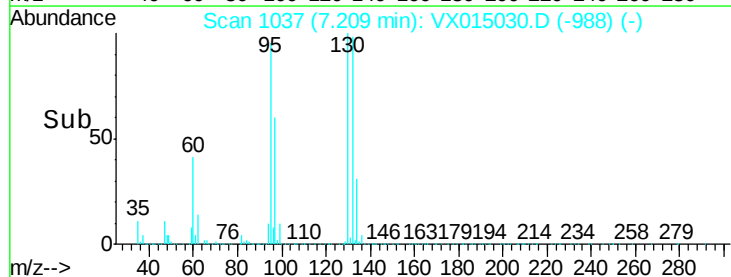
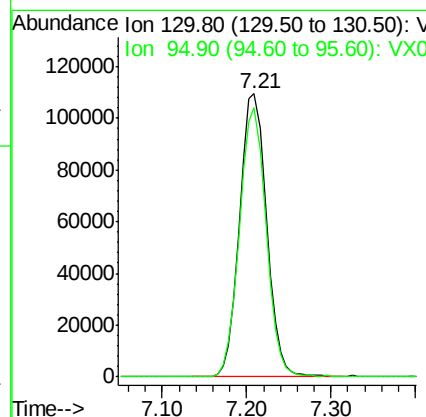
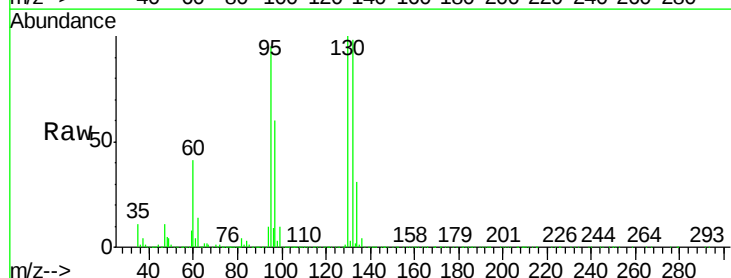
MMDadoda
 2/27/2020 10:48:23 AM

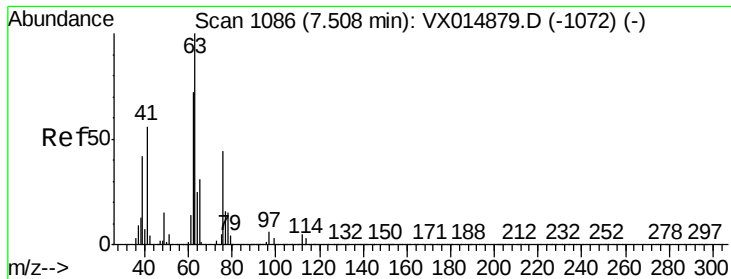


#44

Trichloroethene
 Concen: 50.149 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	182.6





#45

1,2-Dichloropropane

Concen: 52.252 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

Tot Ion: 63 Resp: 216366

Ion Ratio Lower Upper

63 100

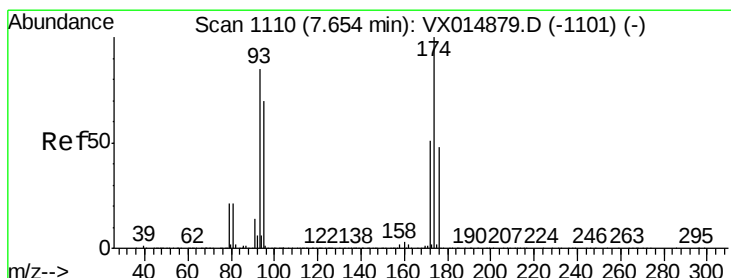
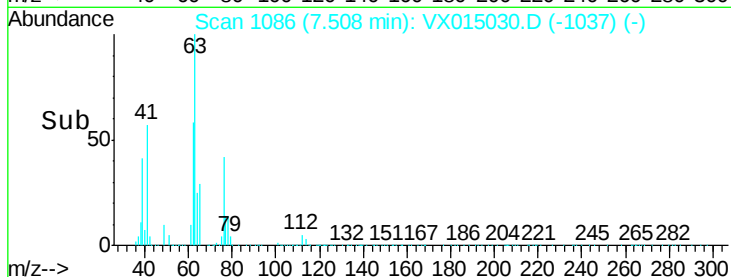
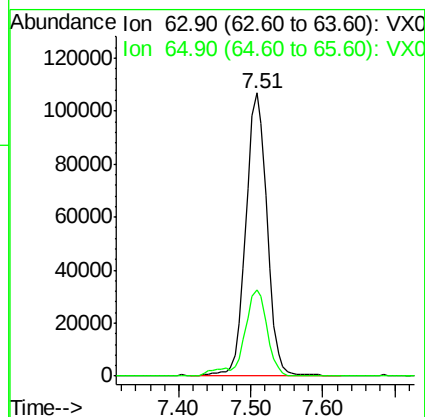
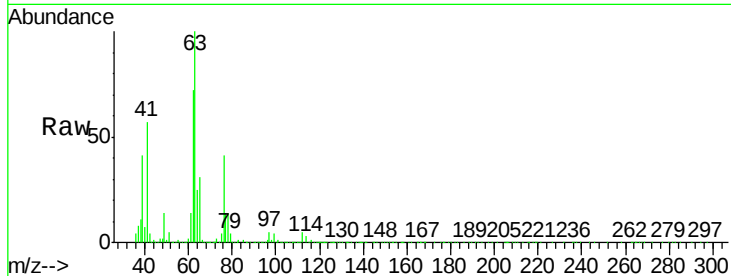
65 30.4 24.9 37.3

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#46

Dibromomethane

Concen: 50.284 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

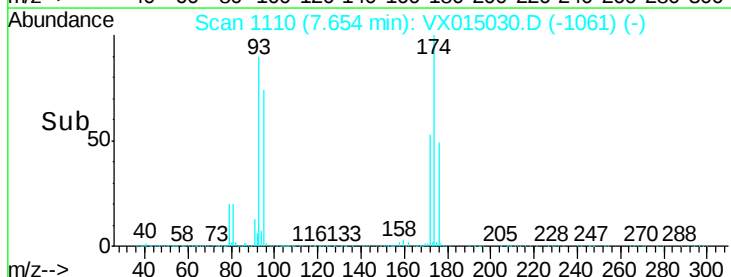
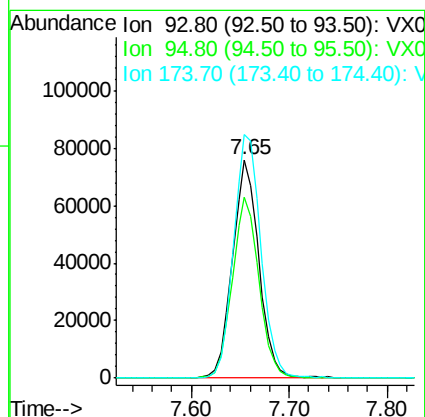
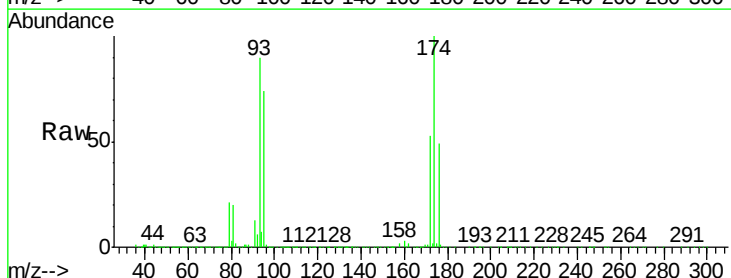
Tgt Ion: 93 Resp: 142327

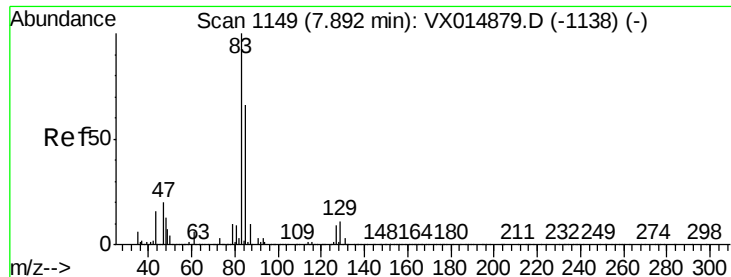
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 115.7 95.4 143.2





#47

Bromodichloromethane

Concen: 50.177 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

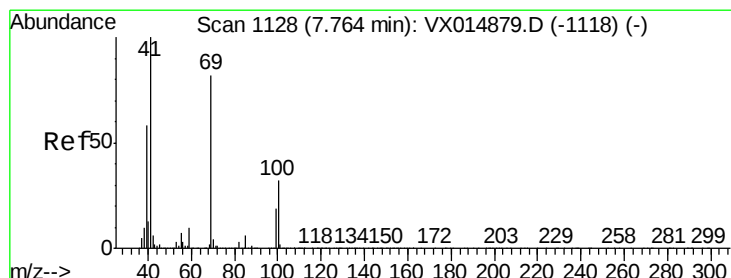
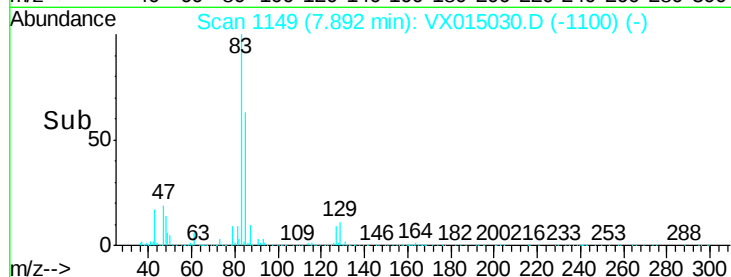
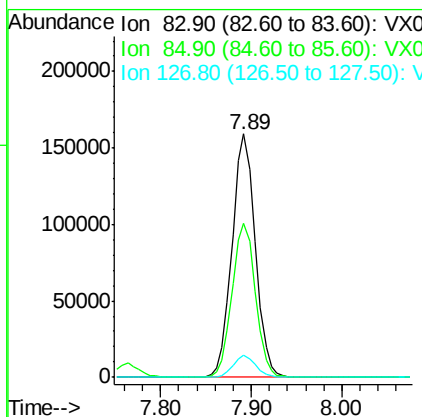
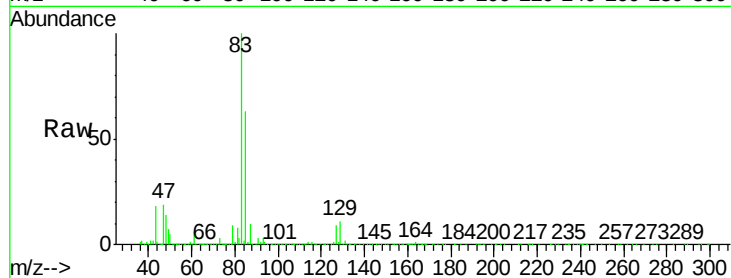
ClientSampleId :

GR-OF-20200225MSD

Tot Ion	83	Resp	281605
Ion Ratio	Lower	Upper	
83	100		
85	63.3	52.5	78.7
127	9.1	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.040 ug/l

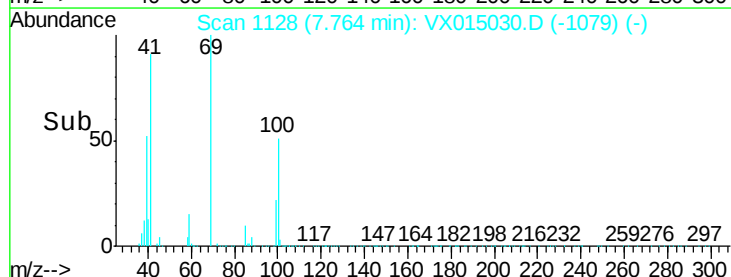
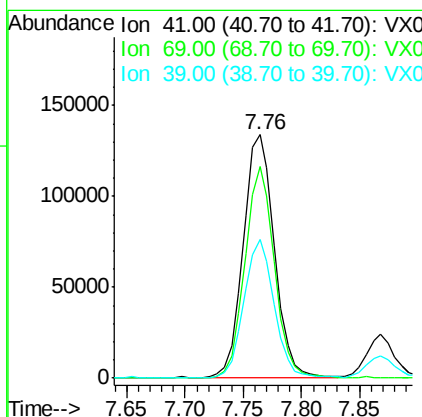
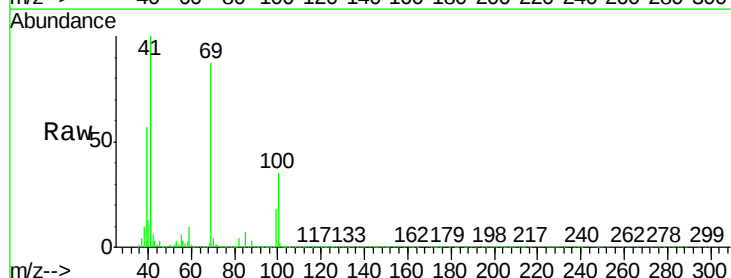
RT: 7.76 min Scan# 1128

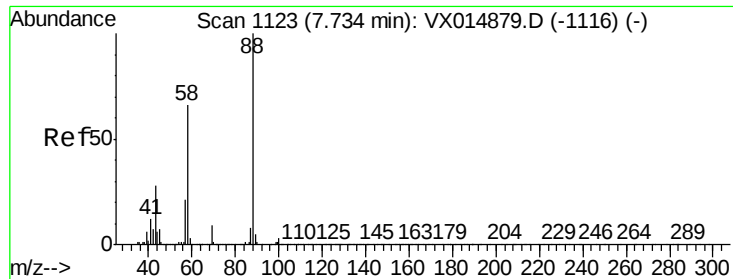
Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Tgt Ion	41	Resp	248659
Ion Ratio	Lower	Upper	
41	100		
69	82.9	65.7	98.5
39	55.2	45.8	68.8





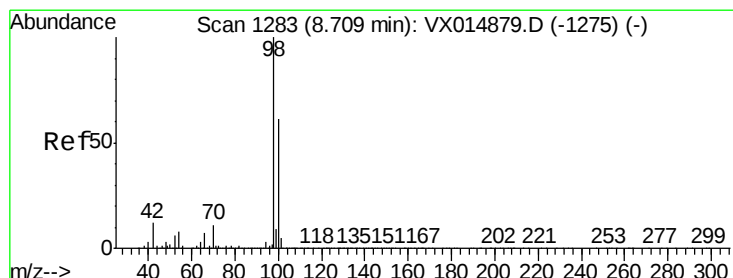
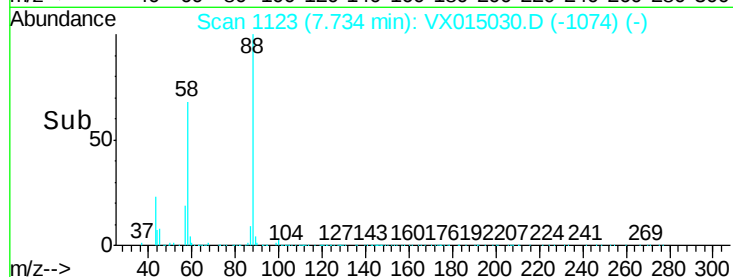
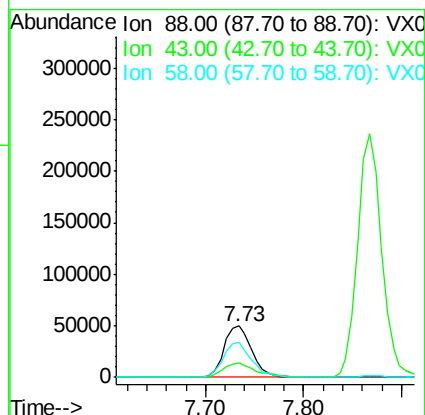
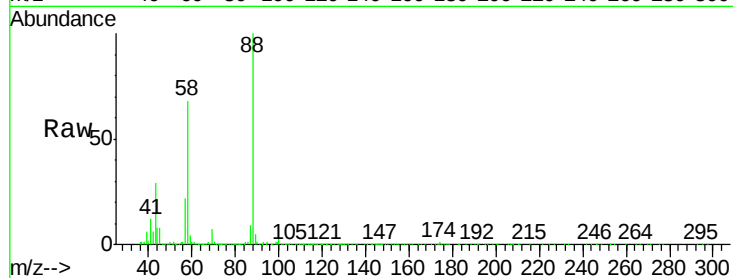
#49
1,4-Dioxane
Concen: 1122.826 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	27.0	40.4
58	69.2	53.2	79.8

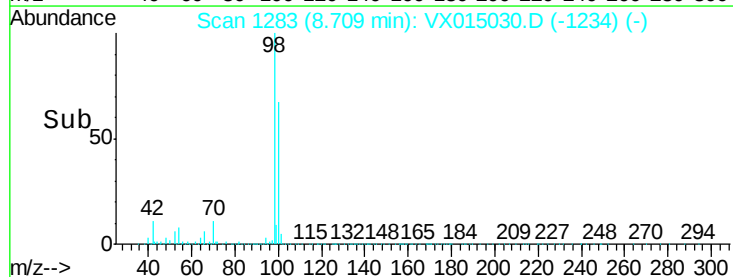
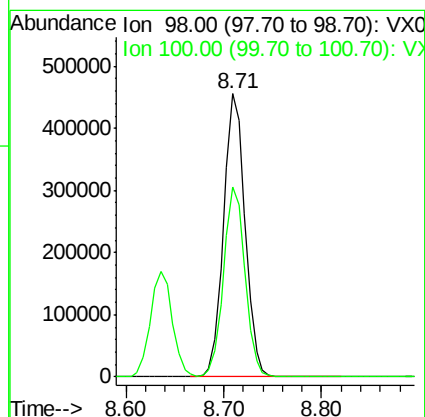
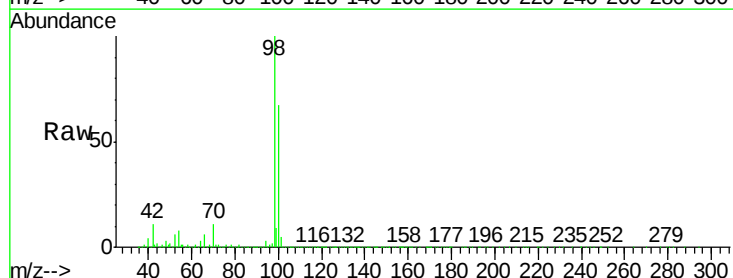
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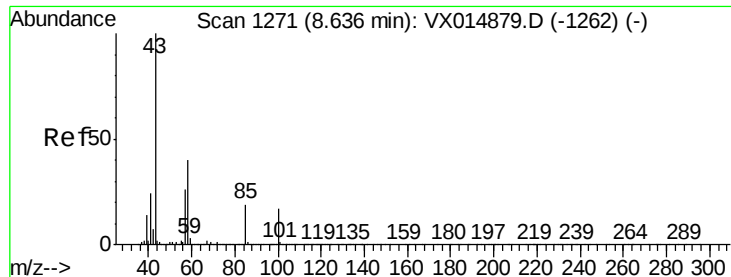
MMDadoda
2/27/2020 10:48:23 AM



#50
Toluene-d8
Concen: 48.792 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 283.945 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

Tot Ion: 43 Resp: 1603054

Ion Ratio Lower Upper

43 100

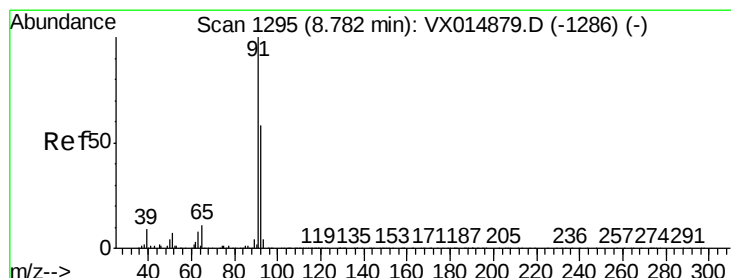
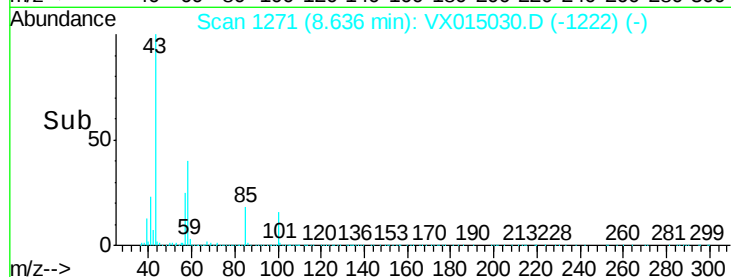
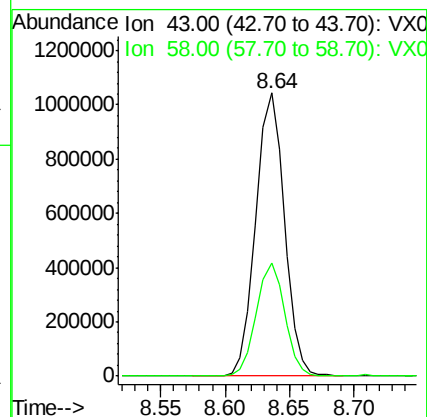
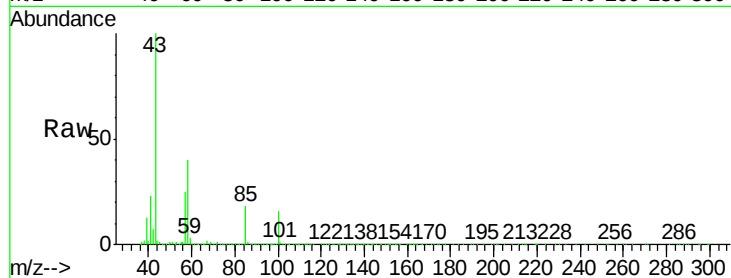
58 39.6 31.9 47.9

Manual Integrations

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MMDadoda

2/27/2020 10:48:23 AM



#52

Toluene

Concen: 50.183 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX015030.D

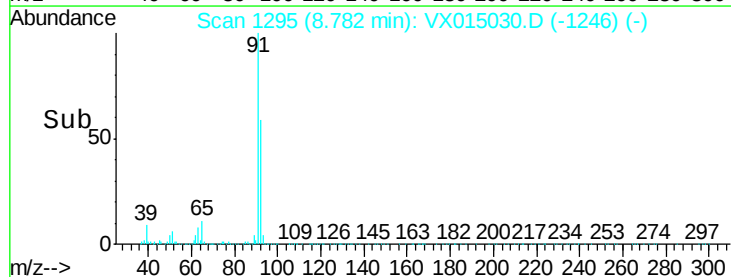
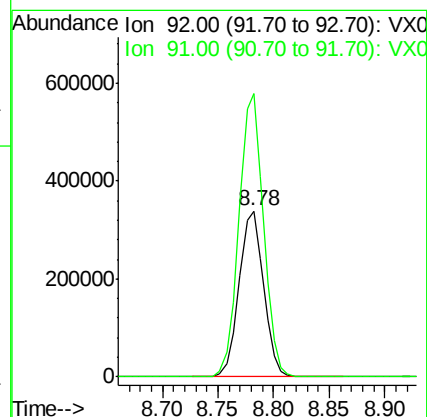
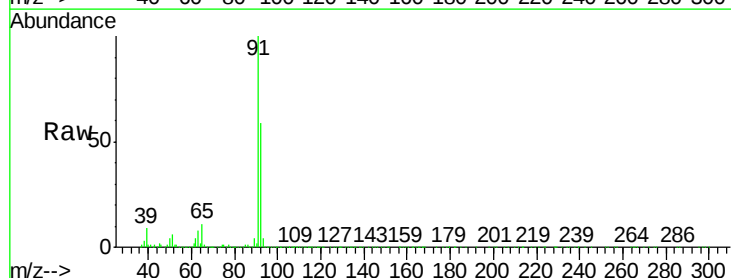
Acq: 26 Feb 2020 18:45

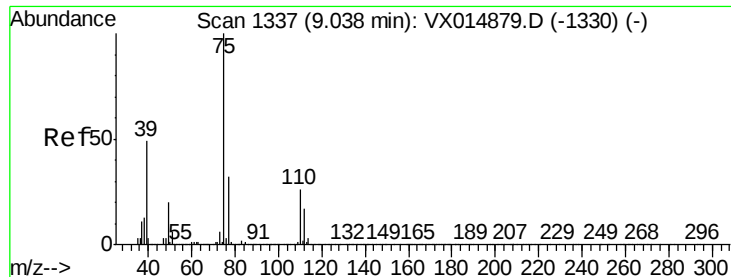
Tgt Ion: 92 Resp: 517511

Ion Ratio Lower Upper

92 100

91 170.1 137.0 205.4





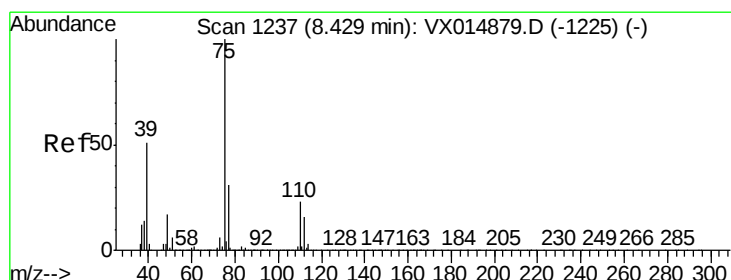
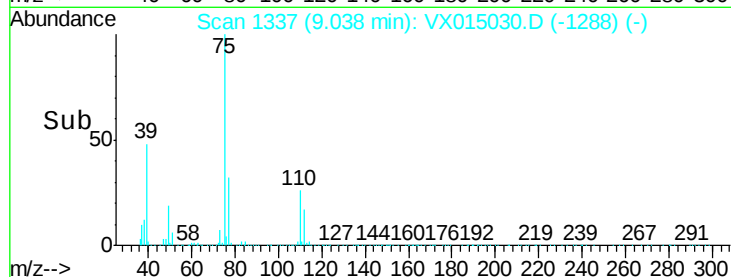
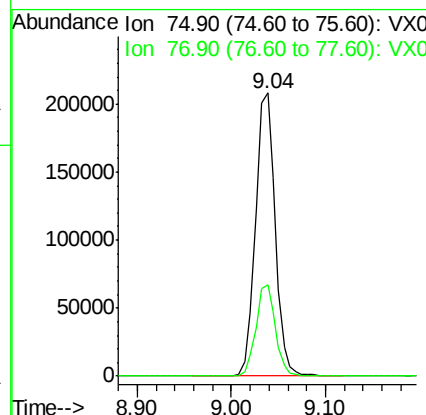
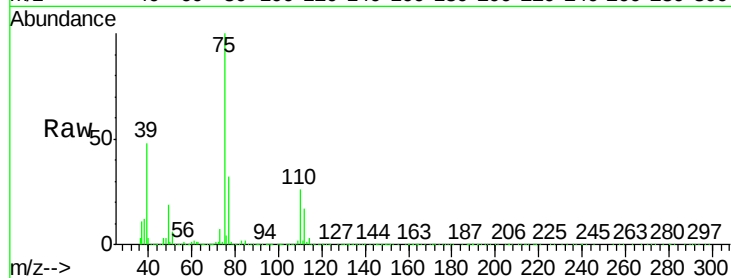
#53
t-1,3-Dichloropropene
Concen: 49.752 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.5	38.3

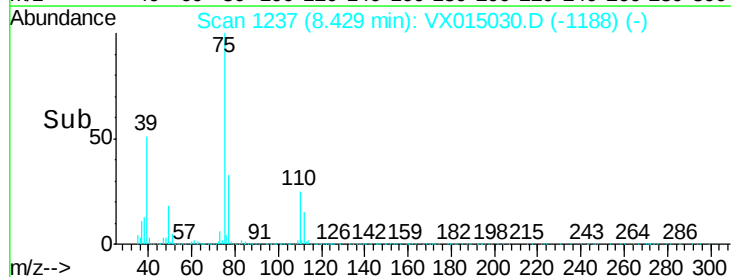
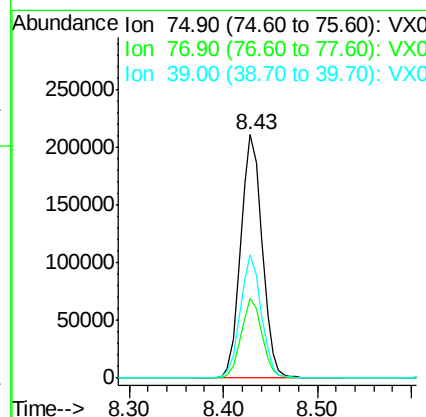
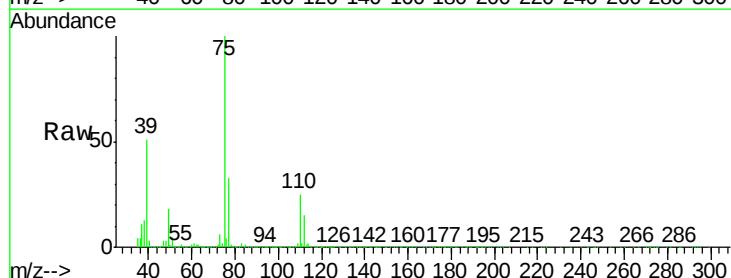
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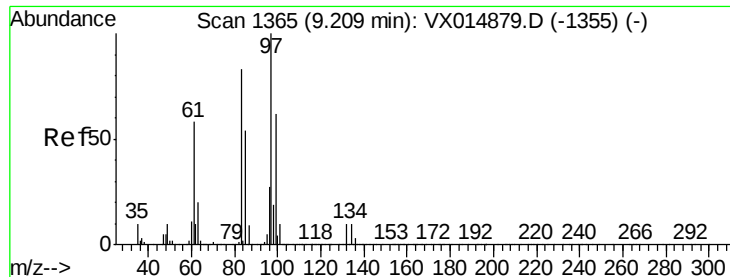
MMDadoda
2/27/2020 10:48:23 AM



#54
cis-1,3-Dichloropropene
Concen: 49.118 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.6	37.0
39	50.5	40.9	61.3





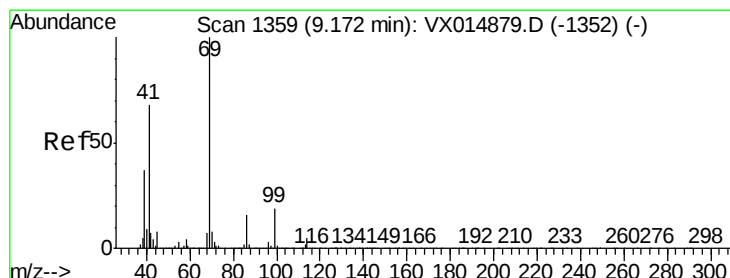
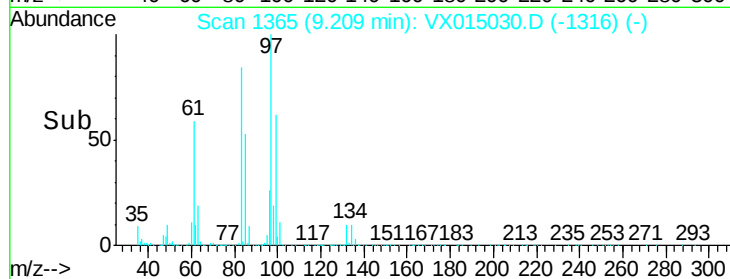
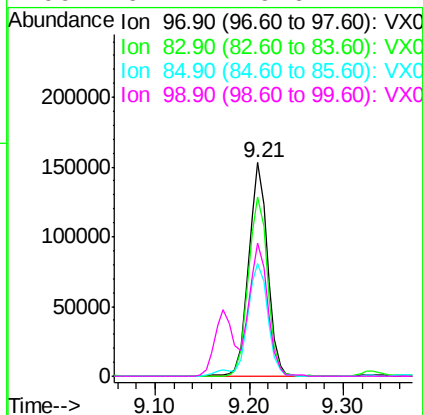
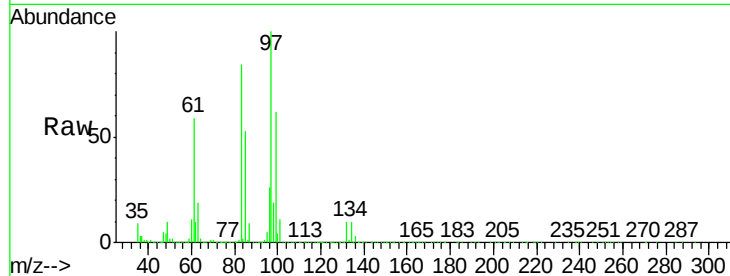
#55
 1,1,2-Trichloroethane
 Concen: 51.374 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		214344		
83	83.6	66.6	99.8		
85	52.8	43.5	65.3		
99	62.1	49.6	74.4		

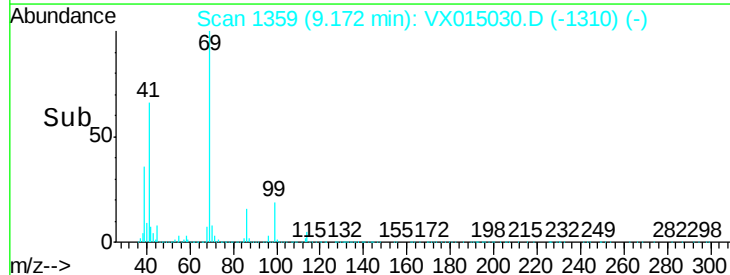
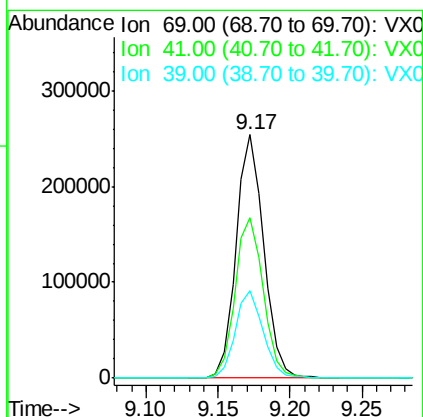
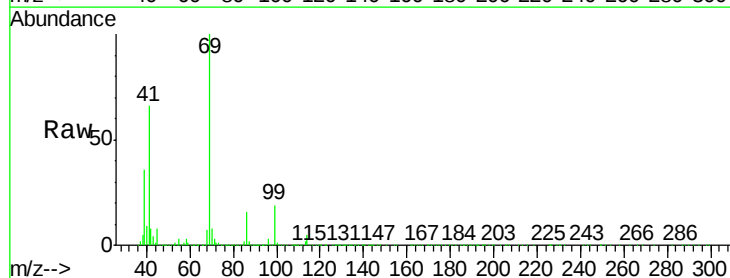
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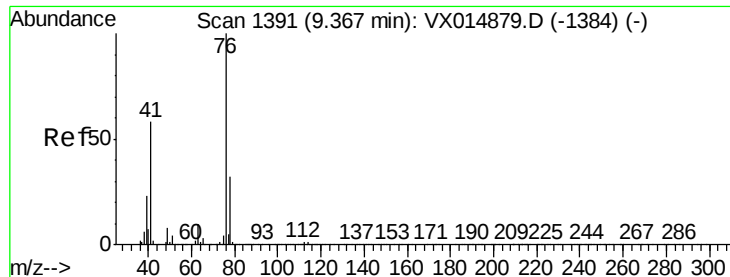
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#56
 Ethyl methacrylate
 Concen: 54.264 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		340304		
41	67.1	54.8	82.2		
39	36.2	29.9	44.9		





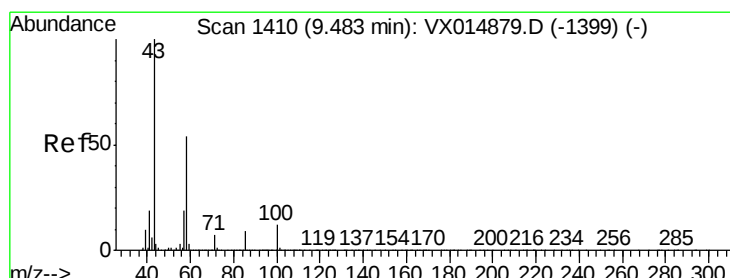
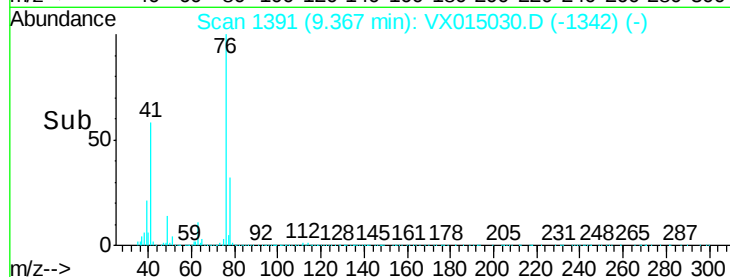
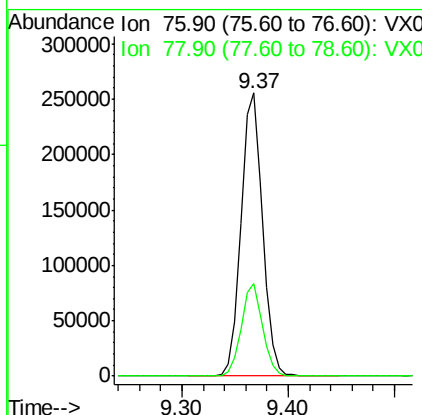
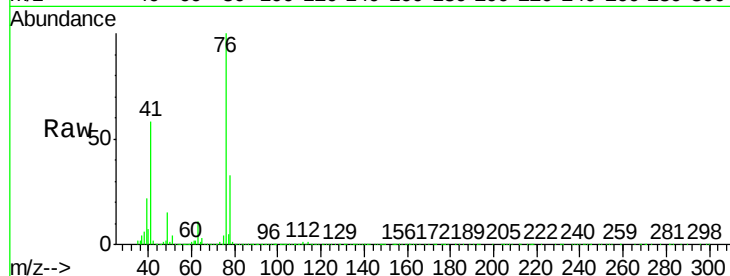
#57
 1,3-Dichloropropane
 Concen: 51.710 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8

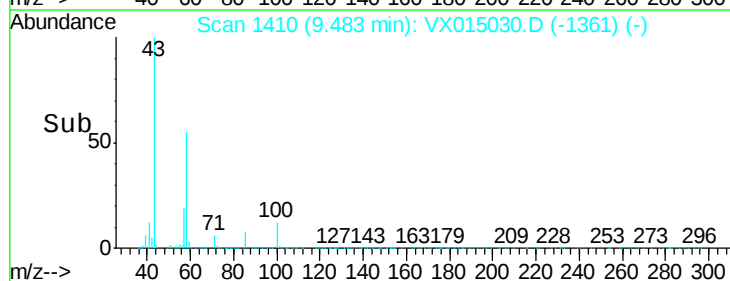
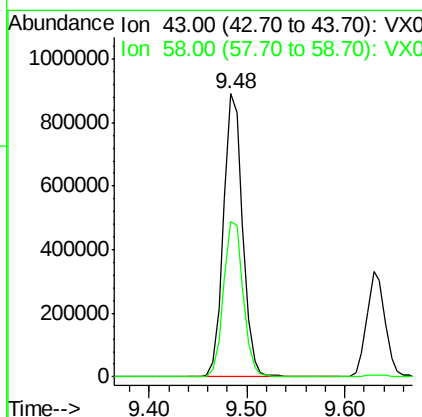
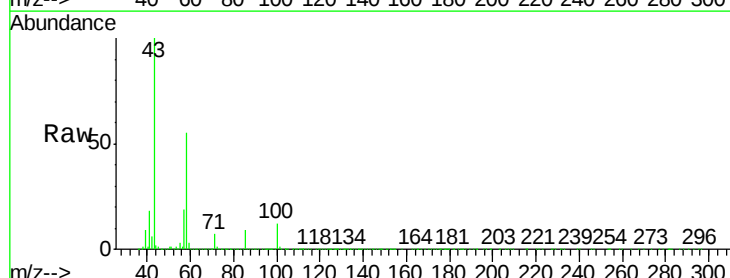
Manual Integrations
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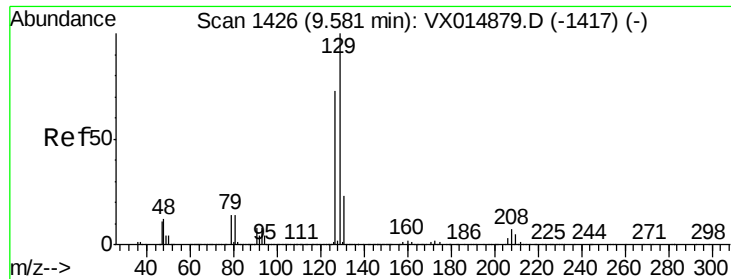
MMDadoda
 2/27/2020 10:48:23 AM



#59
 2-Hexanone
 Concen: 271.892 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.5	27.5	82.5





#60

Dibromochloromethane

Concen: 51.511 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

Tot Ion:129 Resp: 231287

Ion Ratio Lower Upper

129 100

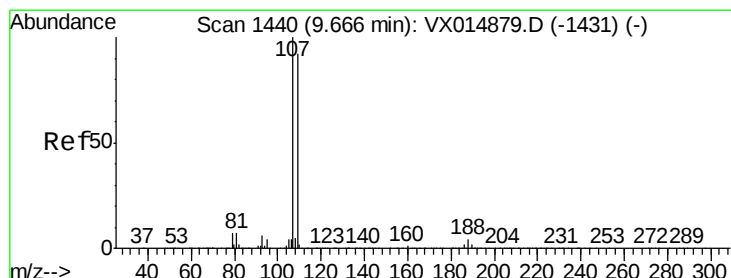
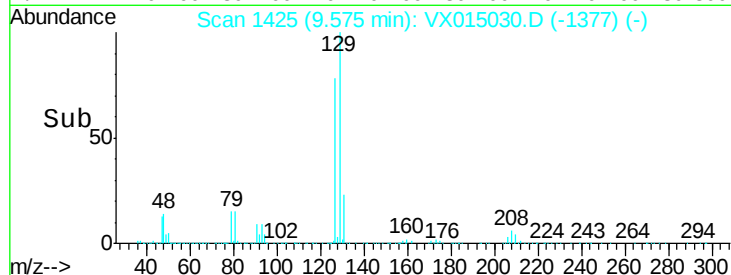
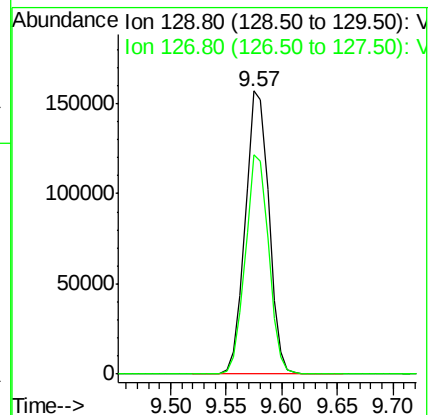
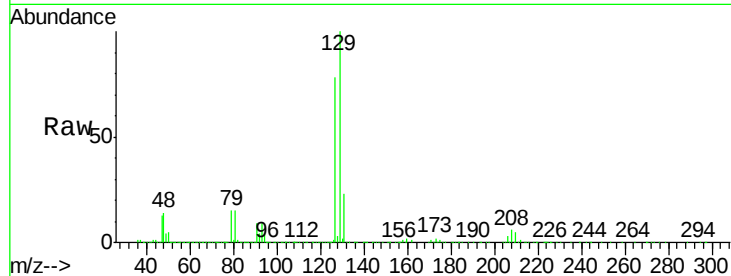
127 76.4 37.8 113.3

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#61

1,2-Dibromoethane

Concen: 50.513 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015030.D

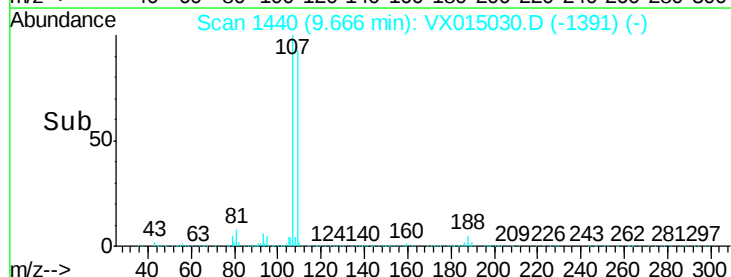
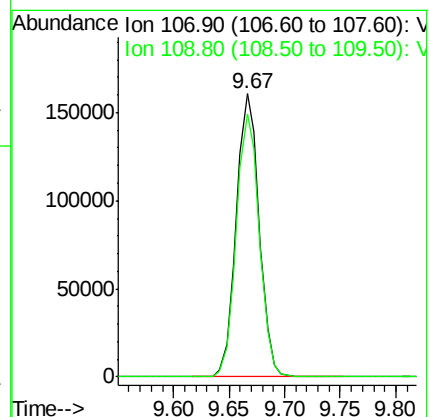
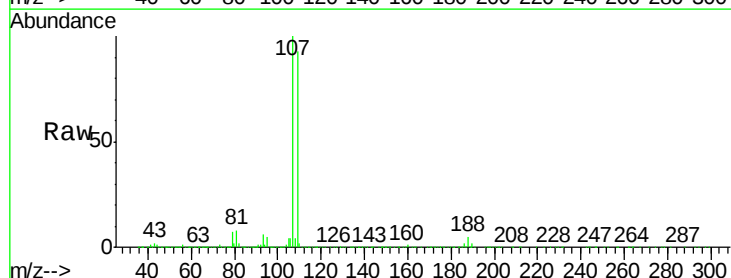
Acq: 26 Feb 2020 18:45

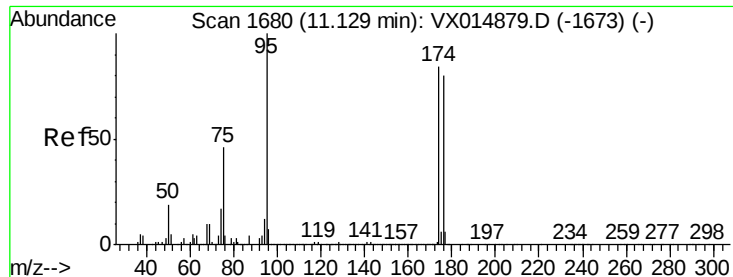
Tgt Ion:107 Resp: 227396

Ion Ratio Lower Upper

107 100

109 94.1 75.6 113.4





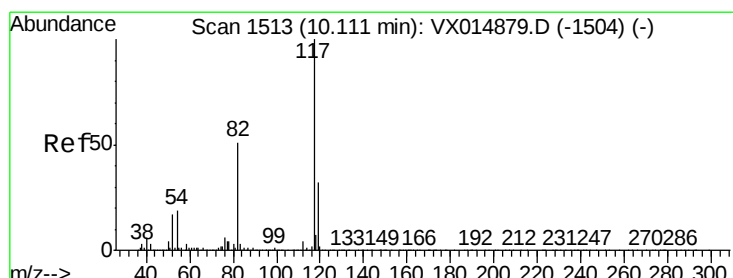
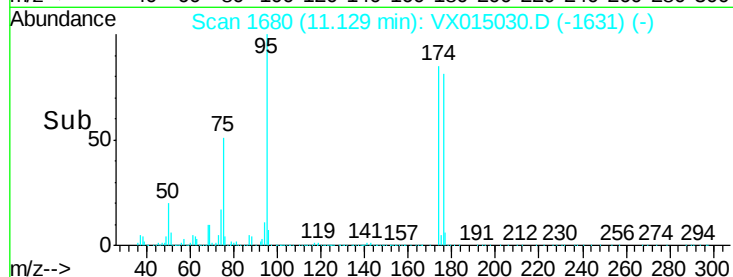
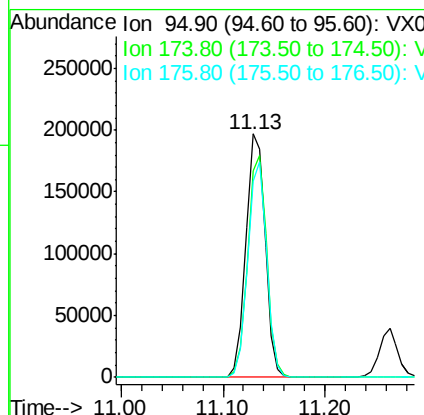
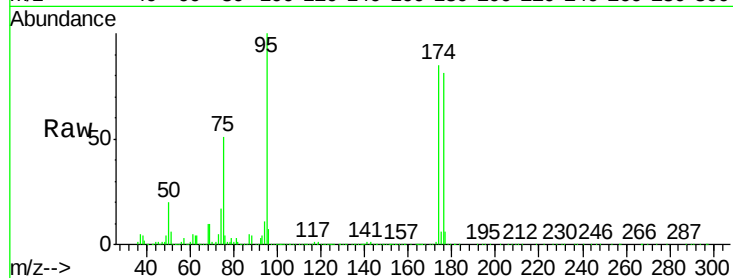
#62
4-Bromofluorobenzene
Concen: 49.887 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	256189		
174	90.6	0.0	183.0	
176	87.4	0.0	178.0	

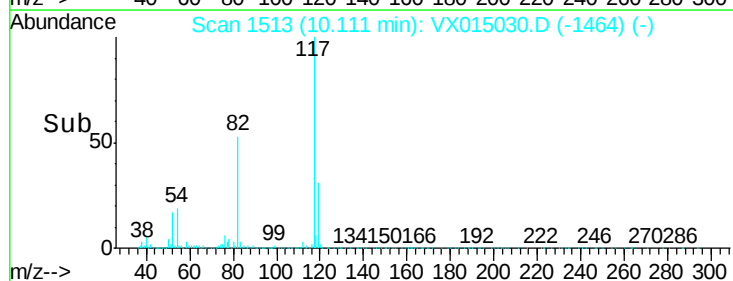
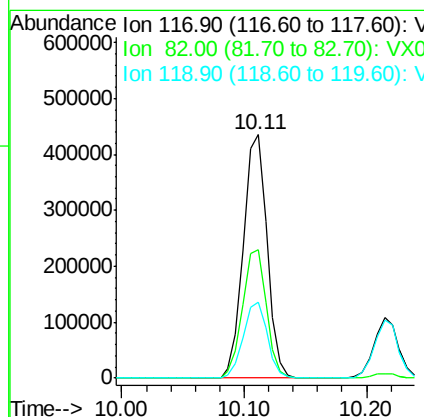
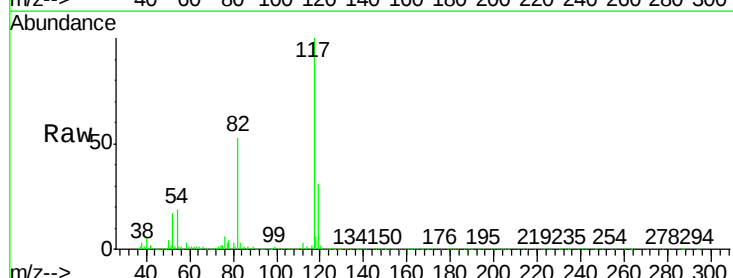
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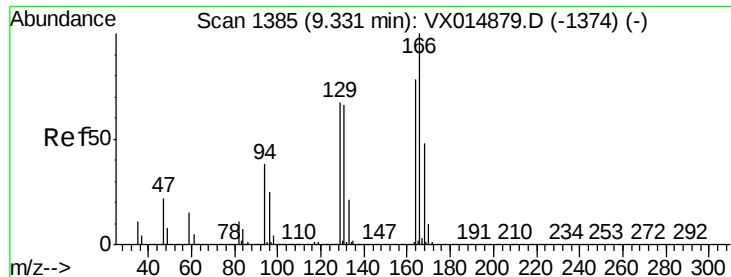
MMDadoda
2/27/2020 10:48:23 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	583916		
82	52.8	40.5	60.7	
119	31.3	25.8	38.6	





#64

Tetrachloroethene

Concen: 40.831 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

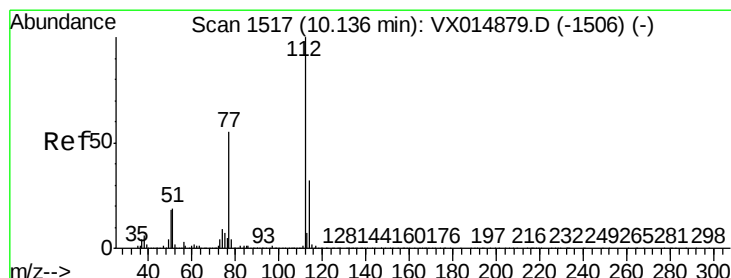
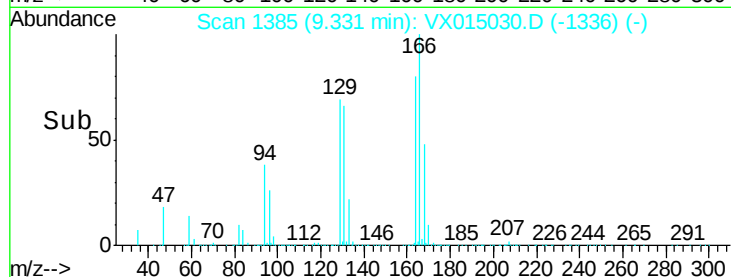
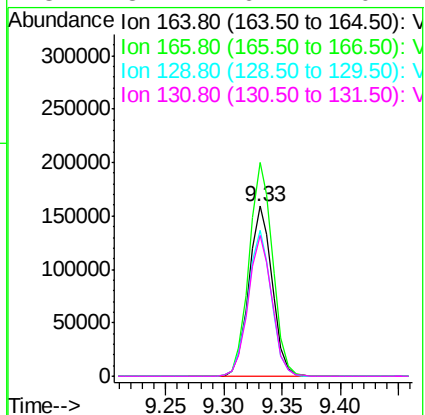
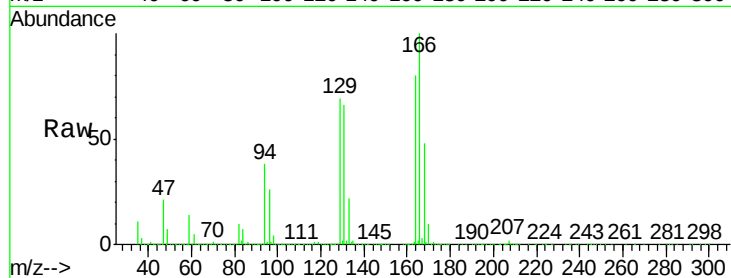
ClientSampleId :

GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.5	102.6	153.8
129	86.1	68.3	102.5
131	82.7	67.4	101.2

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#65

Chlorobenzene

Concen: 47.775 ug/l

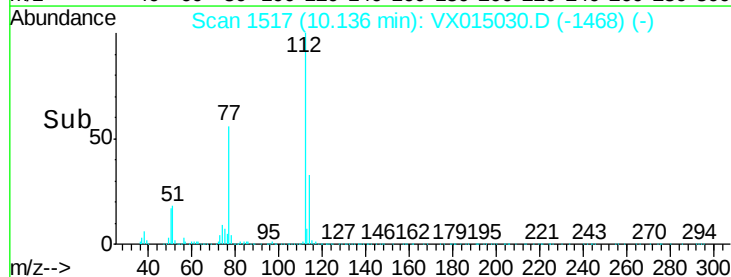
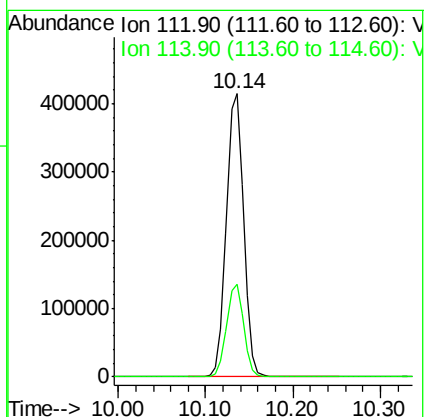
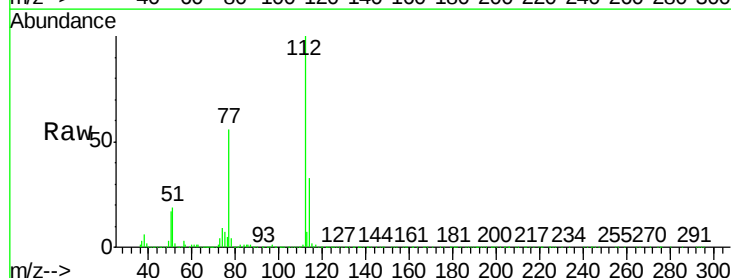
RT: 10.14 min Scan# 1517

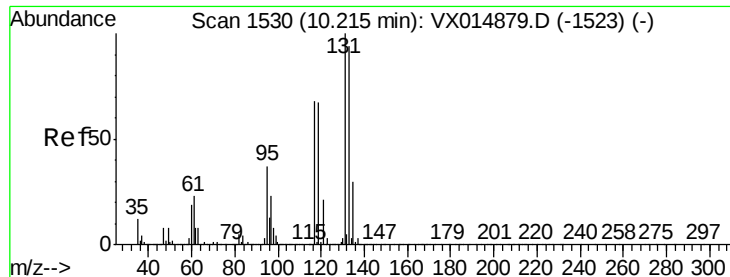
Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 48.775 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

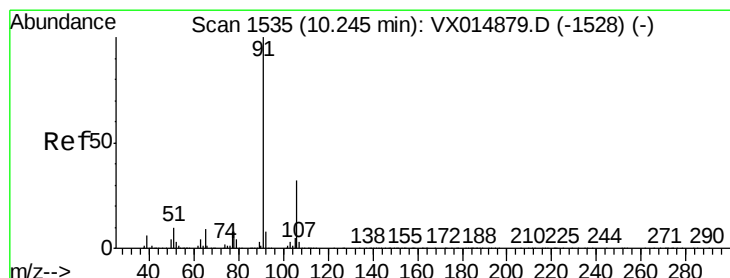
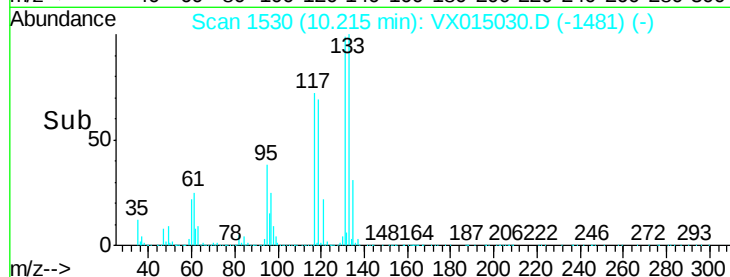
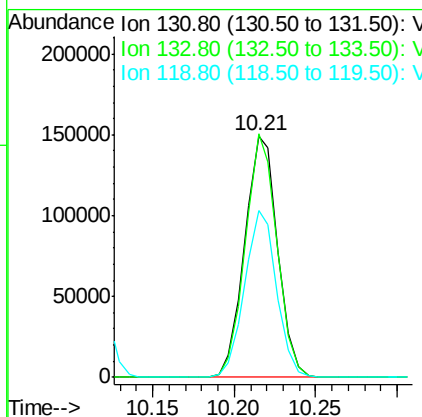
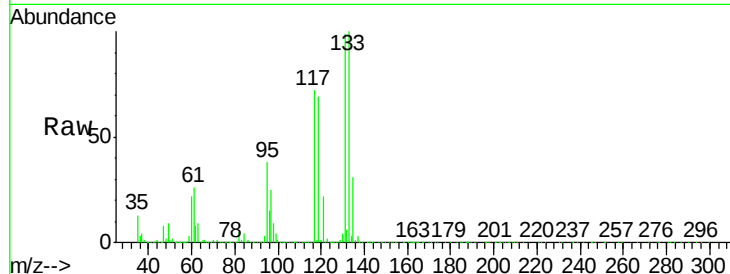
ClientSampleId :

GR-OF-20200225MSD

Tot Ion:	131	Resp:	209715
Ion Ratio	Lower	Upper	
131	100		
133	97.0	48.1	144.4
119	66.9	33.0	99.0

Manual Integrations
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#67

Ethyl Benzene

Concen: 48.959 ug/l

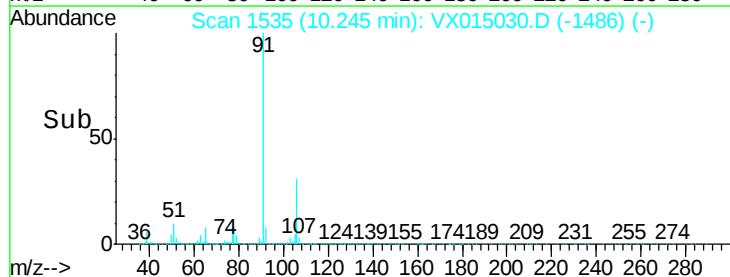
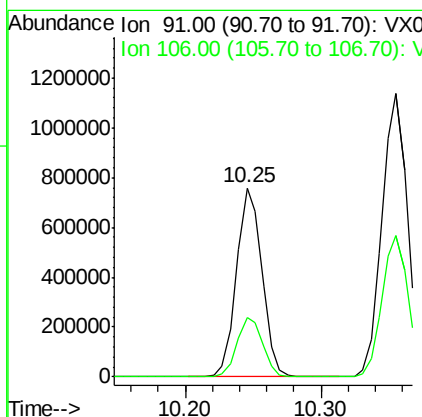
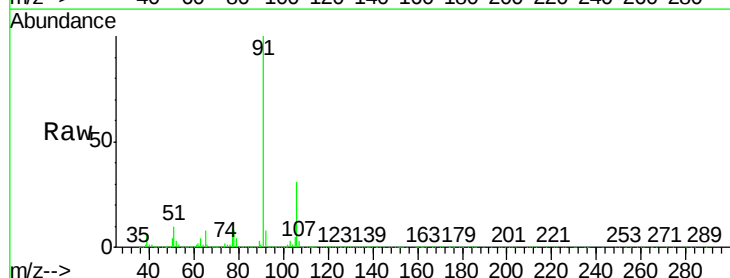
RT: 10.25 min Scan# 1535

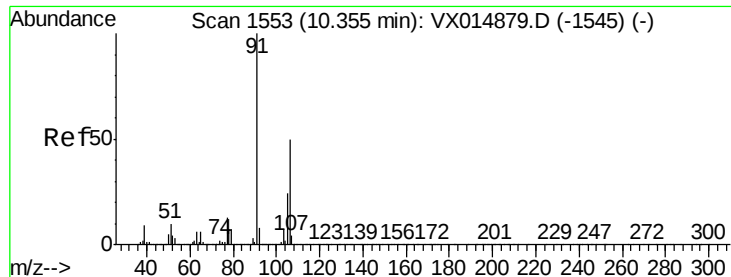
Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Tgt Ion:	91	Resp:	986119
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.3	37.9





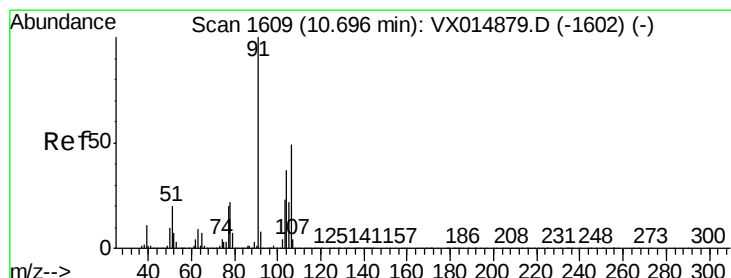
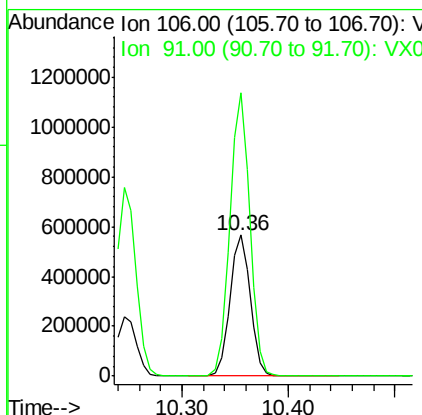
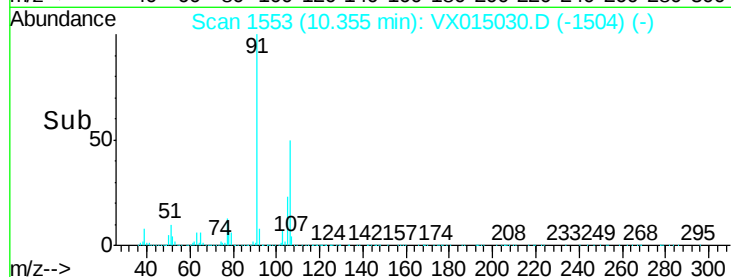
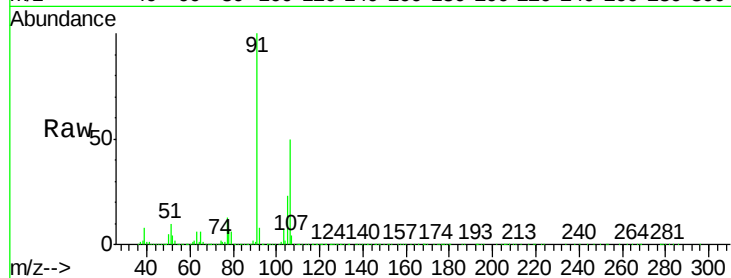
#68
m/p-Xylenes
Concen: 97.564 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion:106 Resp: 757033
Ion Ratio Lower Upper
106 100
91 197.6 160.6 240.8

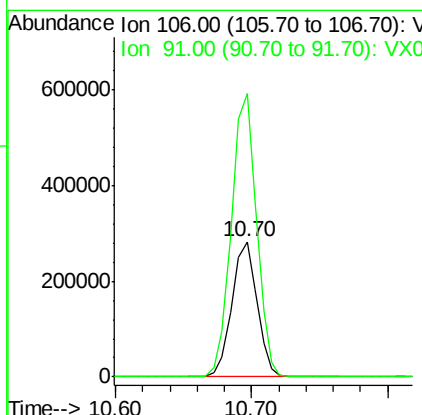
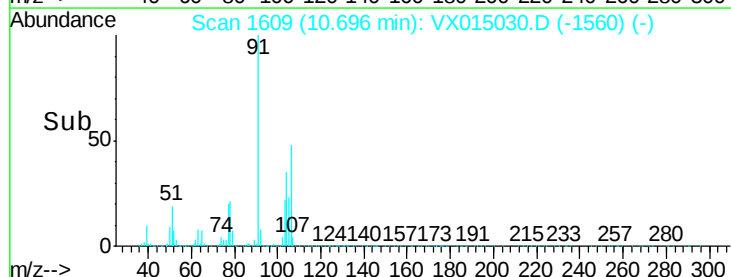
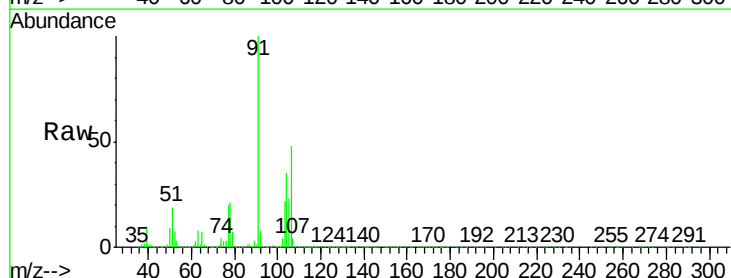
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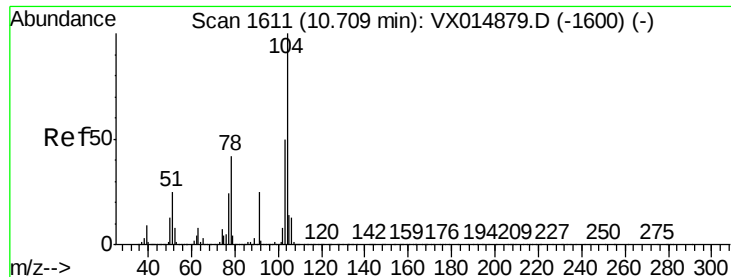
MMDadoda
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#69
o-Xylene
Concen: 48.637 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion:106 Resp: 362778
Ion Ratio Lower Upper
106 100
91 210.4 105.1 315.3





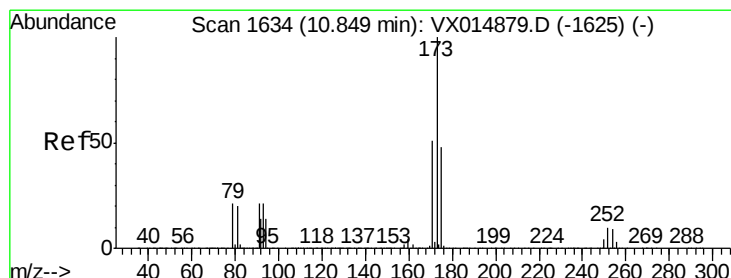
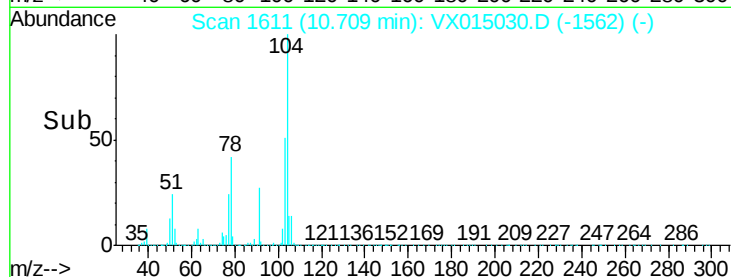
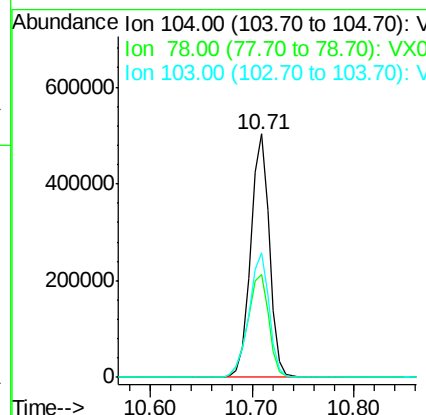
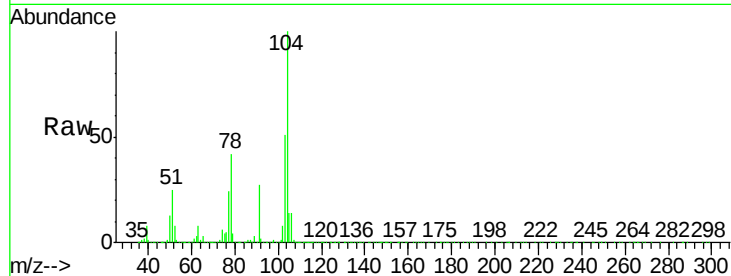
#70
Stvrene
Concen: 50.509 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.9	39.0	58.4
103	55.0	43.4	65.0

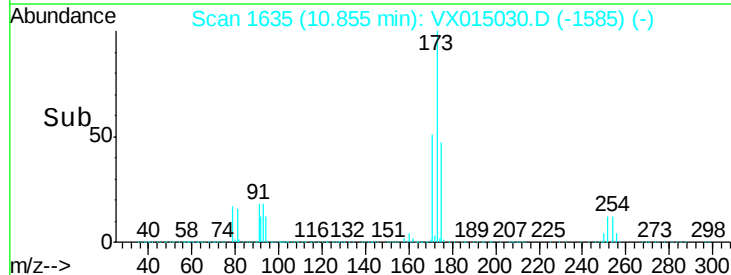
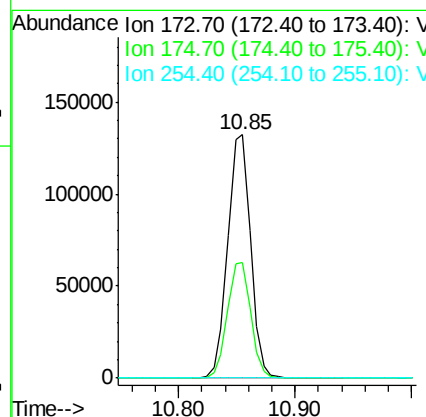
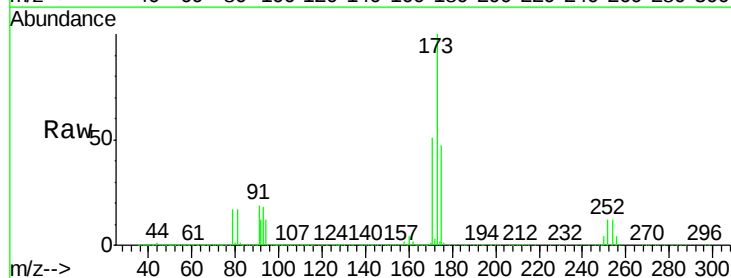
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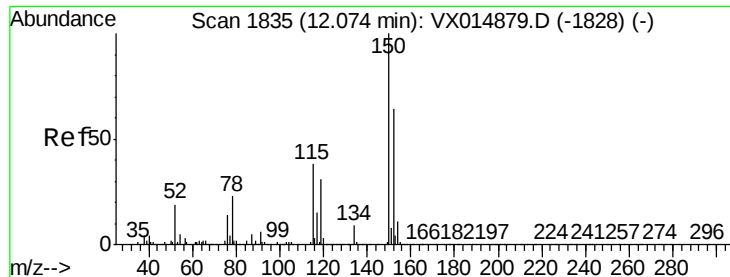
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#71
Bromoform
Concen: 49.957 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.2	72.6
254	0.3	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

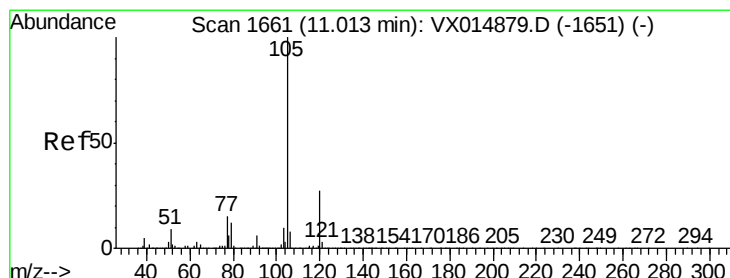
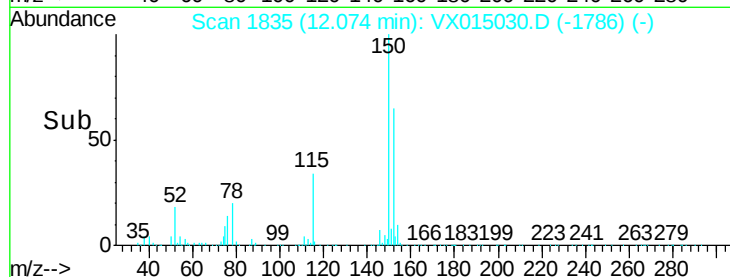
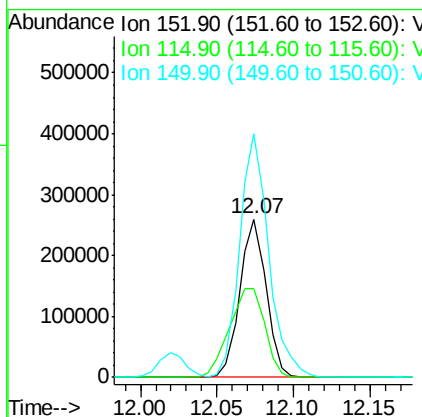
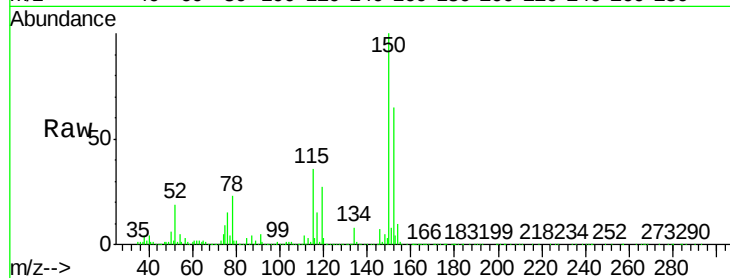
ClientSampleId :

GR-OF-20200225MSD

Tot Ion:	152	Resp:	309212
Ion Ratio	Lower	Upper	
152	100		
115	75.2	38.6	116.0
150	169.9	0.0	349.0

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#73

Isopropylbenzene

Concen: 50.553 ug/l

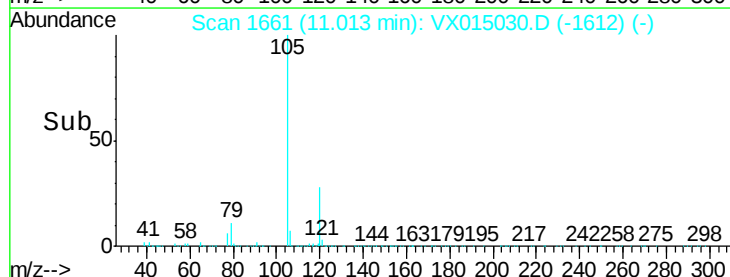
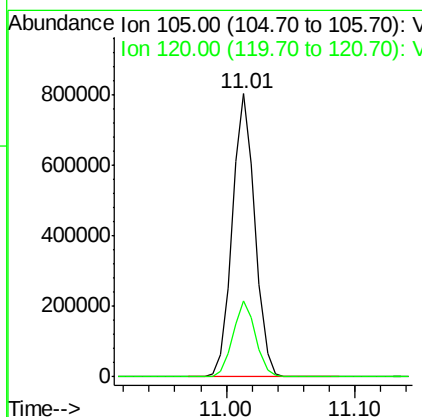
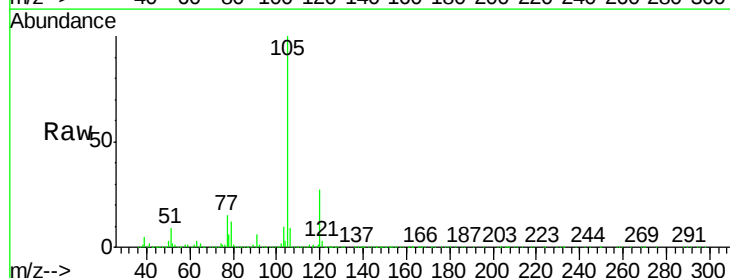
RT: 11.01 min Scan# 1661

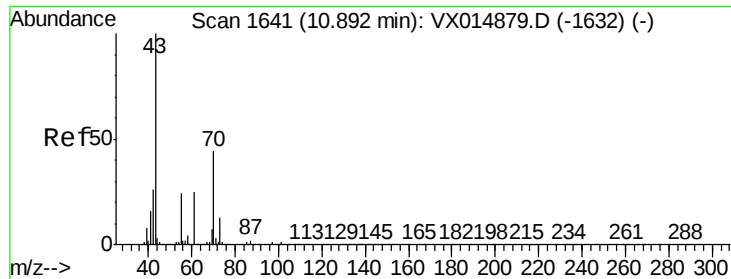
Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Tgt Ion:	105	Resp:	980269
Ion Ratio	Lower	Upper	
105	100		
120	27.0	13.6	40.8





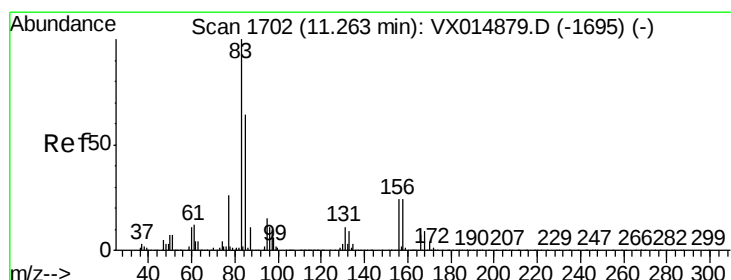
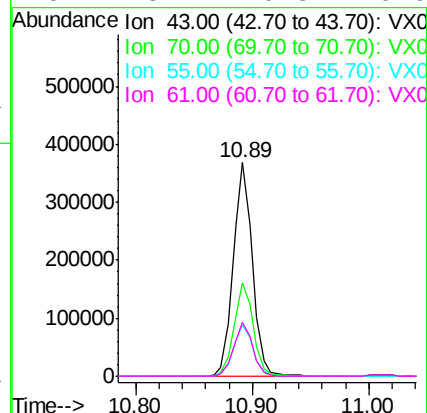
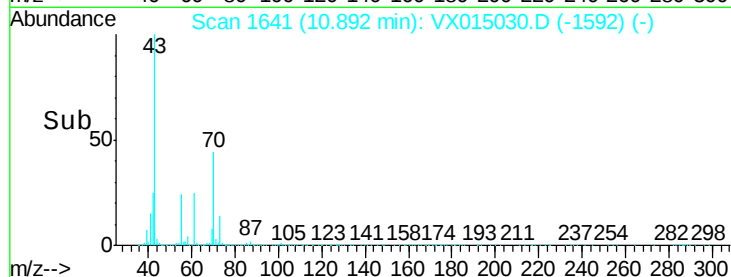
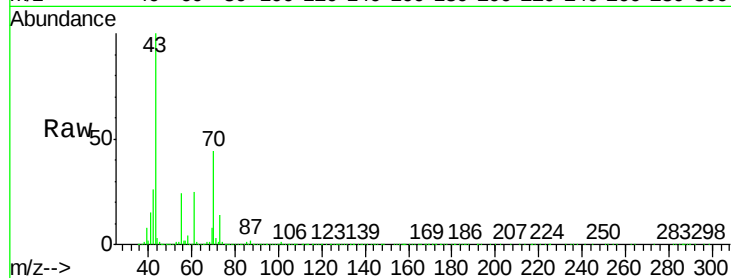
#74
N-amvl acetate
Concen: 51.901 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	44.2	35.0	52.4		
55	24.5	19.4	29.2		
61	25.2	19.8	29.6		

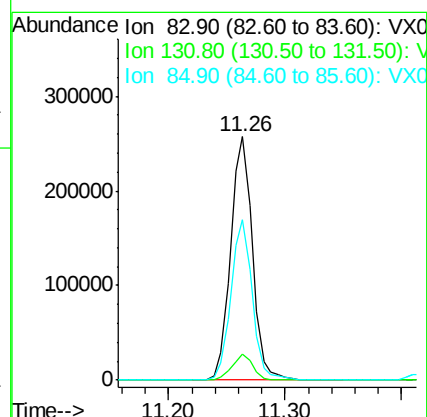
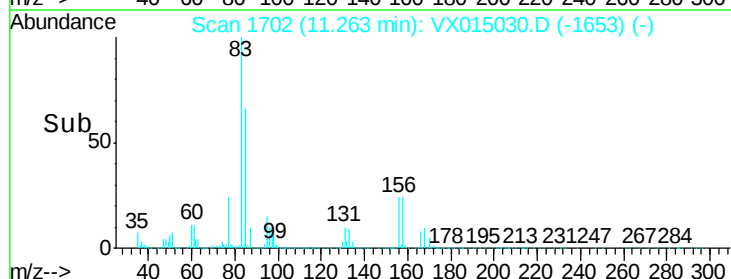
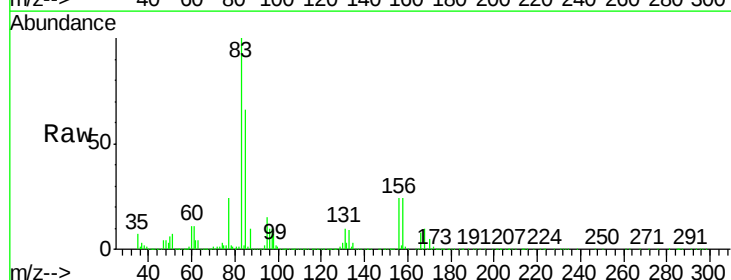
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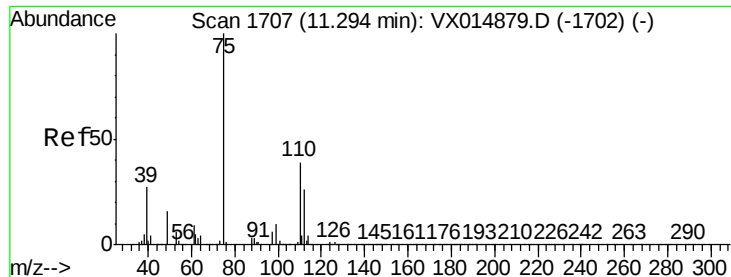
MMDadoda
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#75
1,1,2,2-Tetrachloroethane
Concen: 52.513 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.3	5.3	16.1		
85	64.9	32.6	97.7		





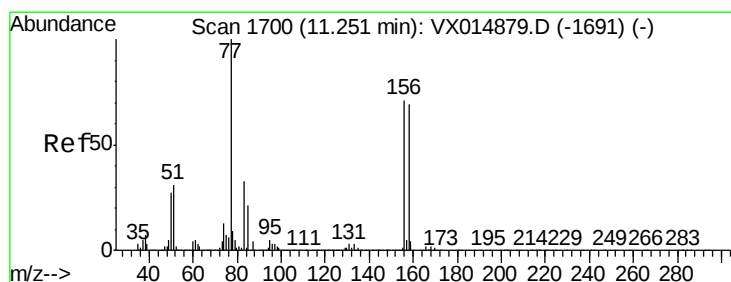
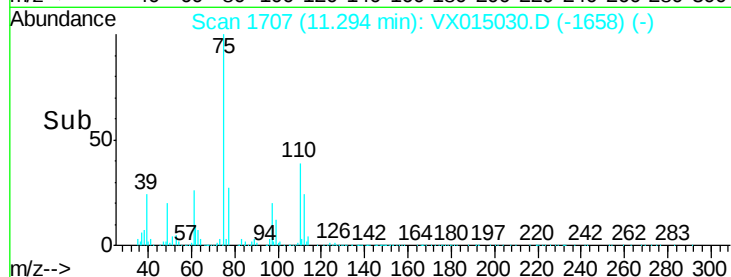
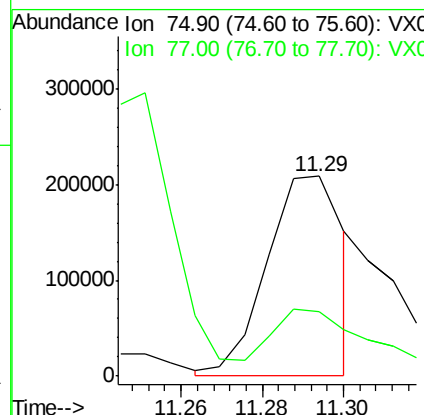
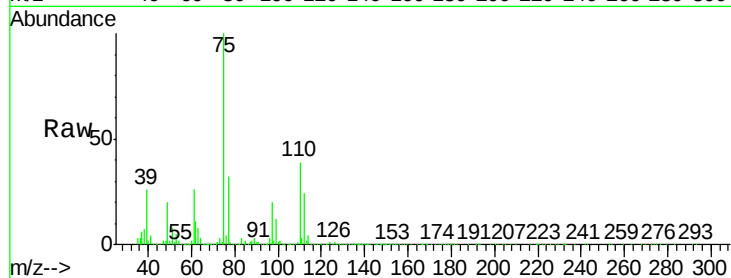
#76
 1,2,3-Trichloropropane
 Concen: 48.816 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Tot Ion: 75 Resp: 272958
 Ion Ratio Lower Upper
 75 100
 77 43.1 18.4 55.0

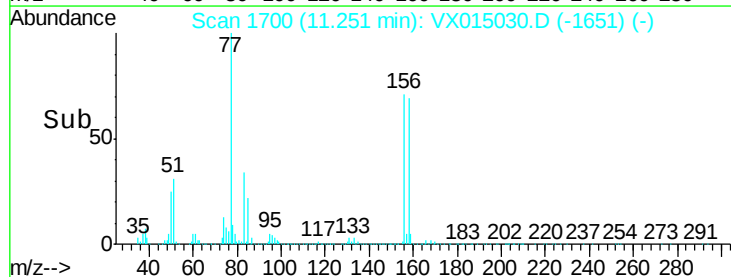
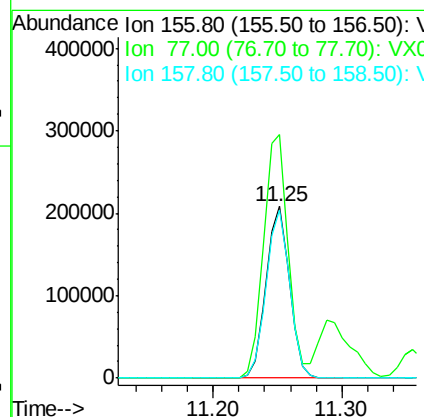
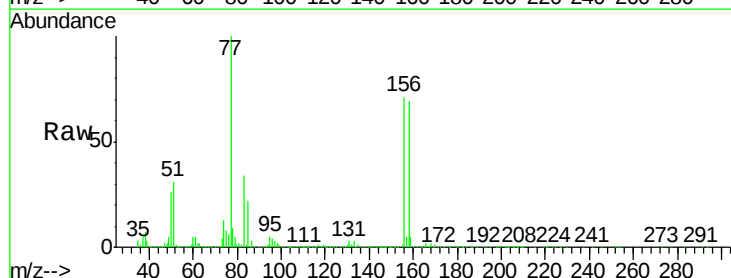
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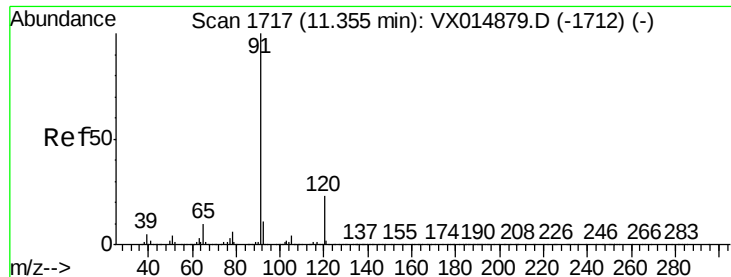
MMDadoda
 2/27/2020 10:48:23 AM



#77
 Bromobenzene
 Concen: 48.486 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion: 156 Resp: 262416
 Ion Ratio Lower Upper
 156 100
 77 147.7 74.0 222.0
 158 98.1 48.9 146.6





#78

n-propylbenzene

Concen: 49.863 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

Tot Ion: 91 Resp: 1118307

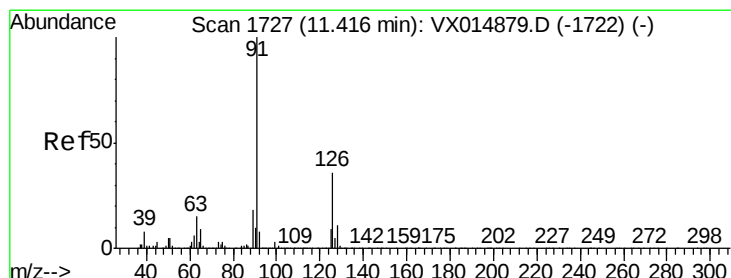
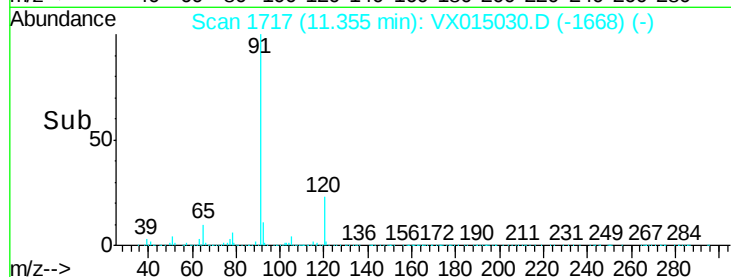
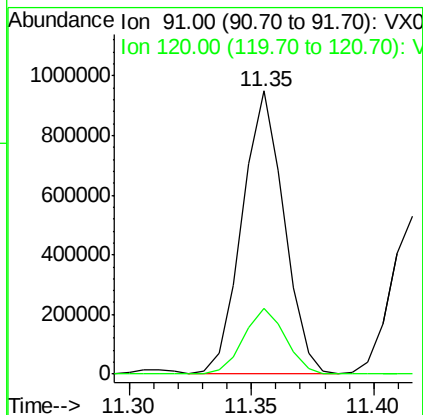
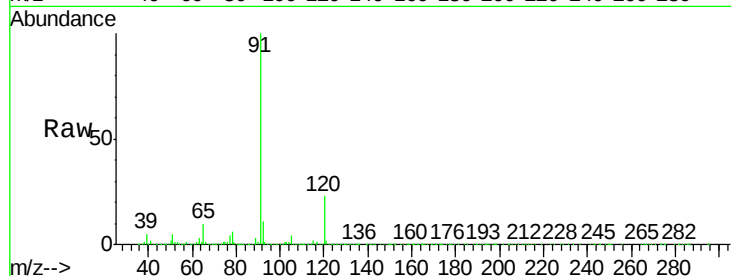
Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4

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#79

2-Chlorotoluene

Concen: 49.581 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015030.D

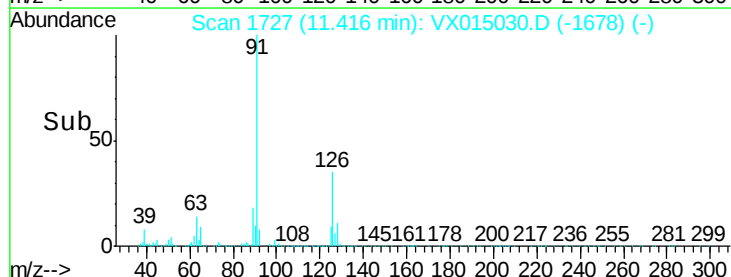
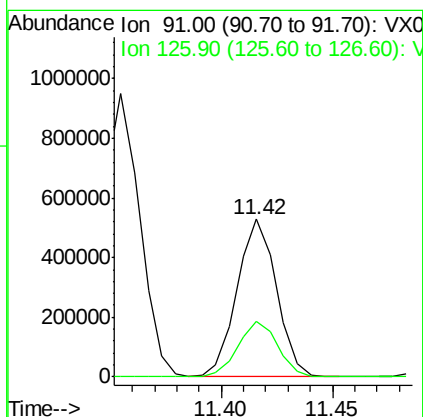
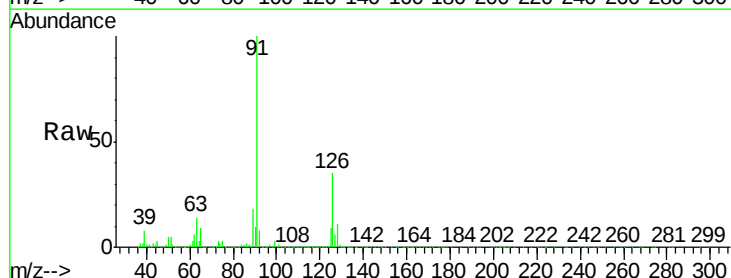
Acq: 26 Feb 2020 18:45

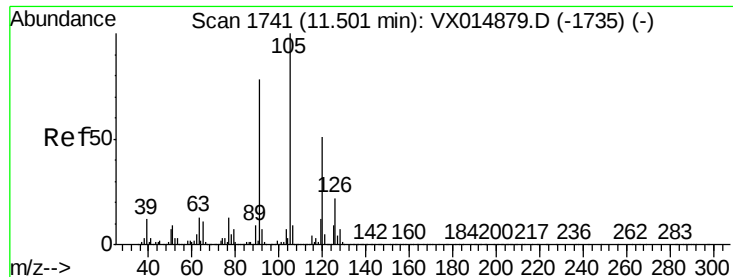
Tgt Ion: 91 Resp: 653726

Ion Ratio Lower Upper

91 100

126 35.5 18.0 54.0





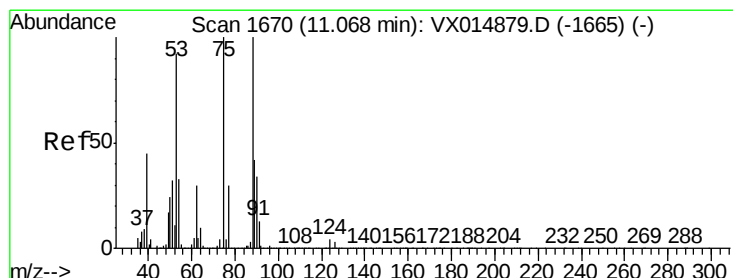
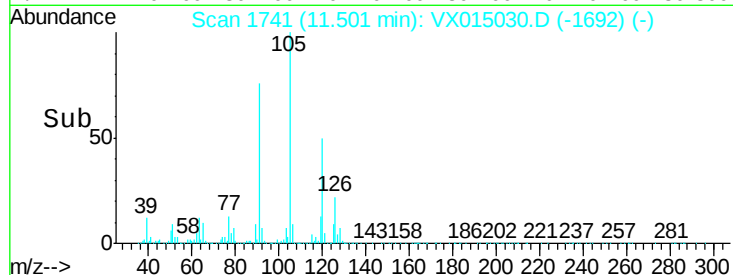
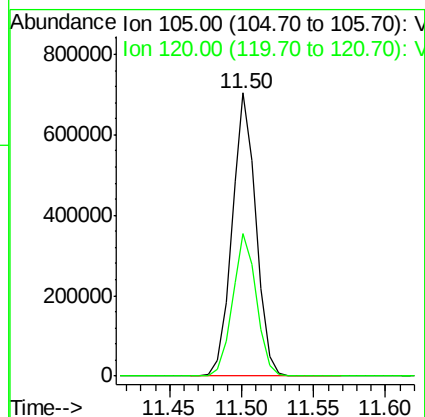
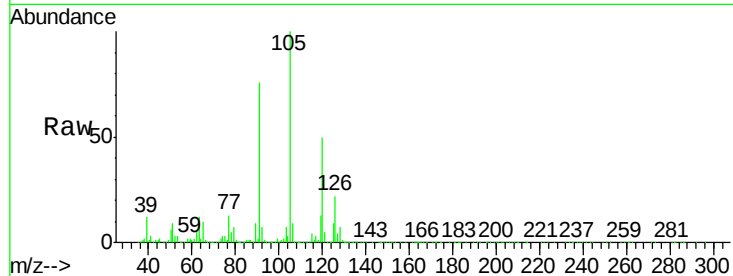
#80
 1,3,5-Trimethylbenzene
 Concen: 50.240 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.3	25.6	76.6

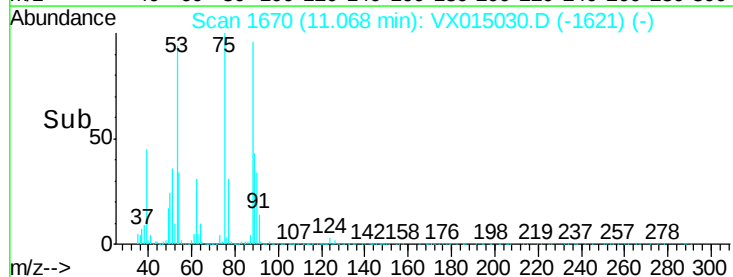
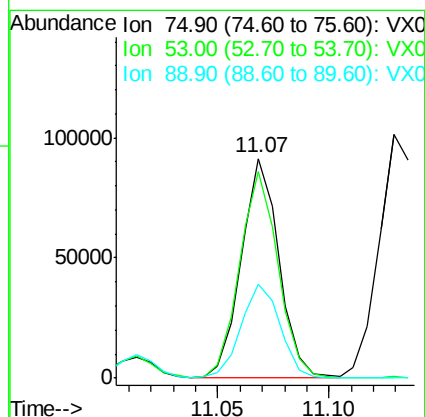
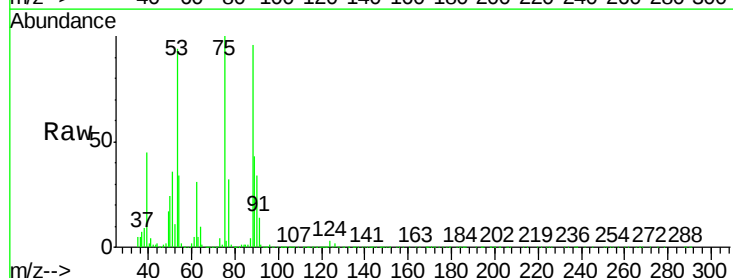
Manual Integrations
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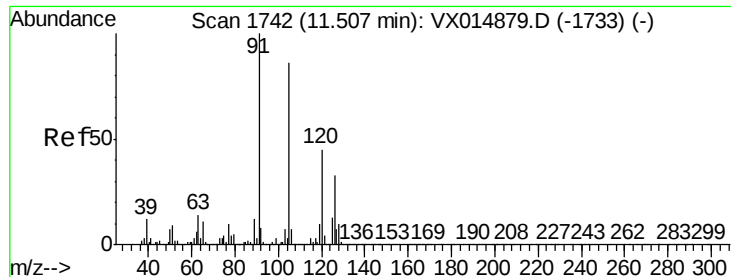
MMDadoda
 2/27/2020 10:48:23 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.337 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.3	76.2	114.2
89	44.9	35.8	53.6





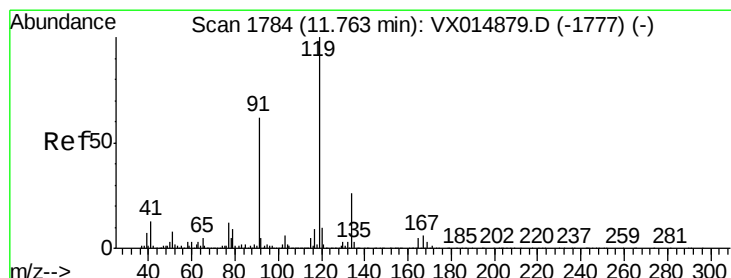
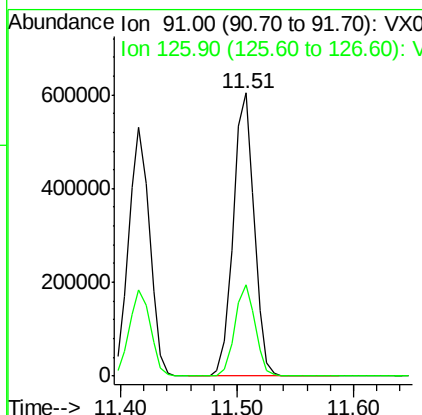
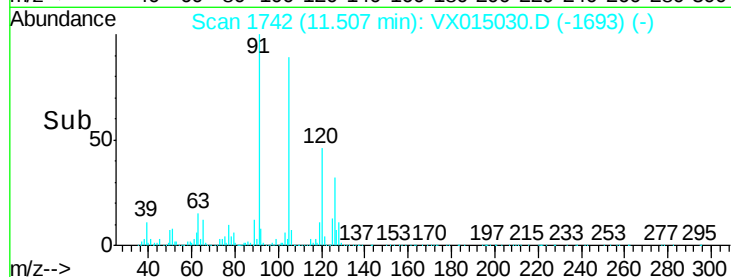
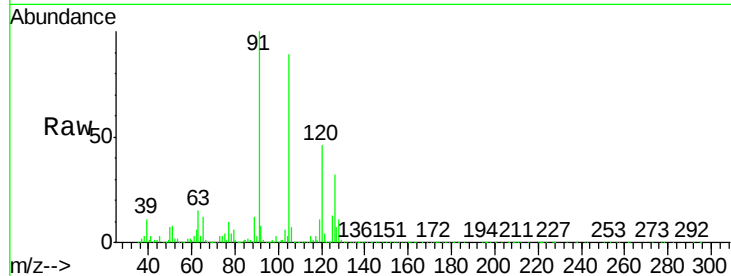
#82
4-Chlorotoluene
Concen: 48.391 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion: 91 Resp: 755584
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.0

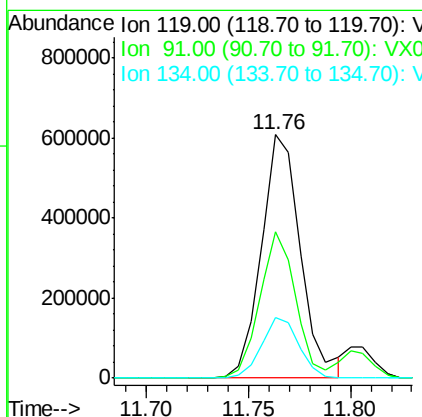
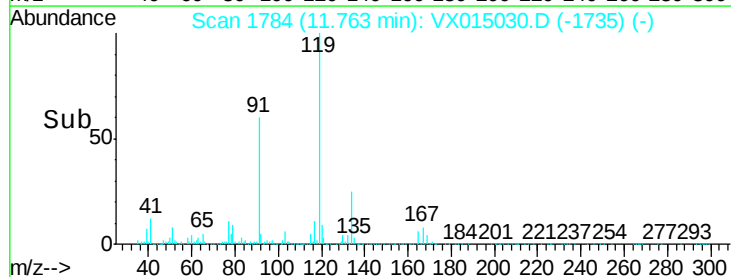
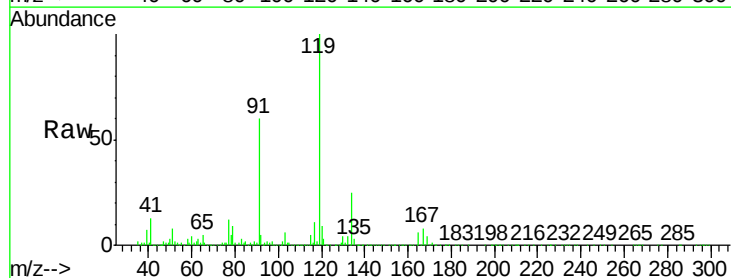
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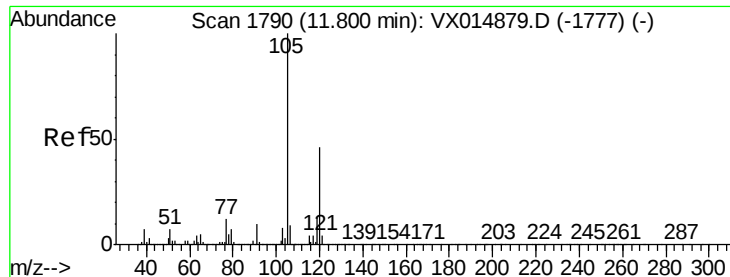
MMDadoda
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#83
tert-Butylbenzene
Concen: 53.073 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 119 Resp: 814293
Ion Ratio Lower Upper
119 100
91 54.9 29.5 88.6
134 24.0 12.6 37.6





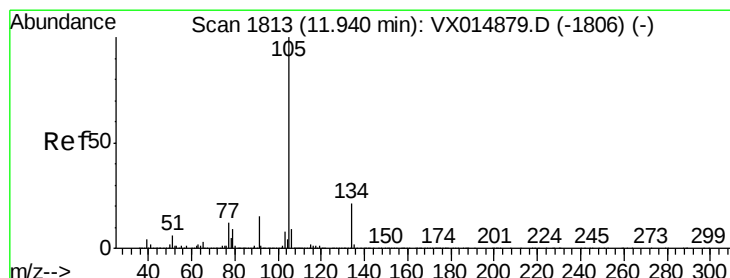
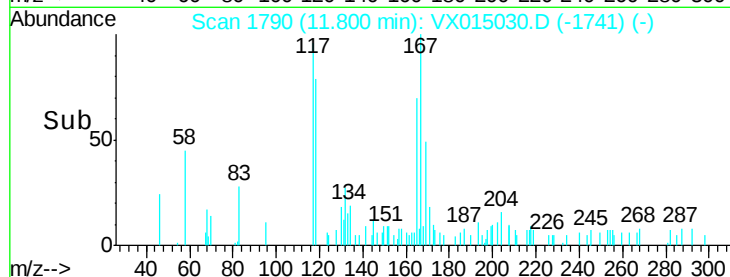
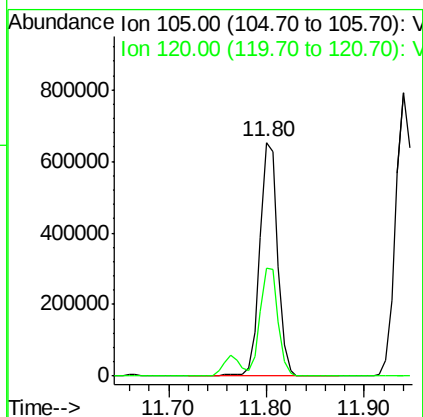
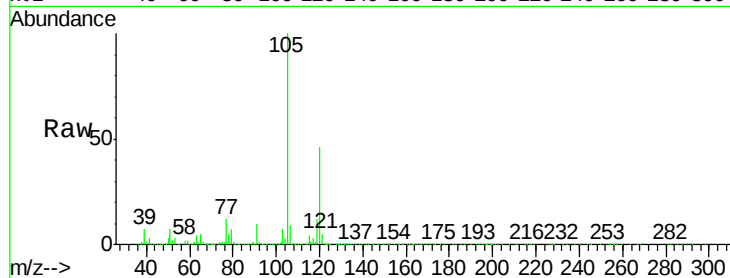
#84
1,2,4-Trimethylbenzene
Concen: 50.222 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion:105 Resp: 820030
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0

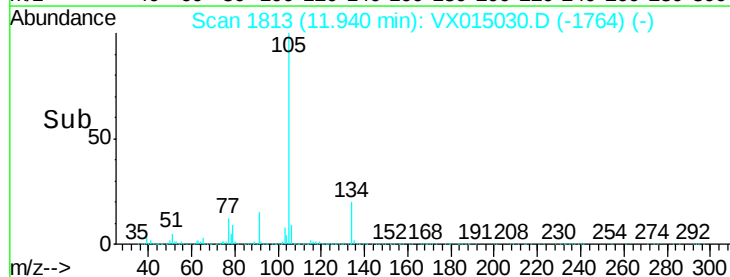
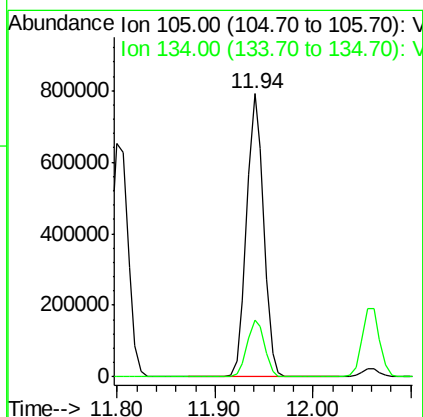
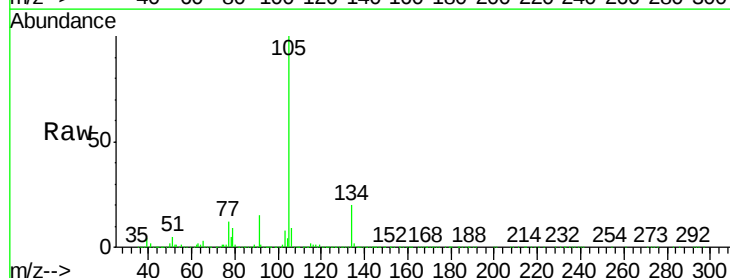
Manual Integrations
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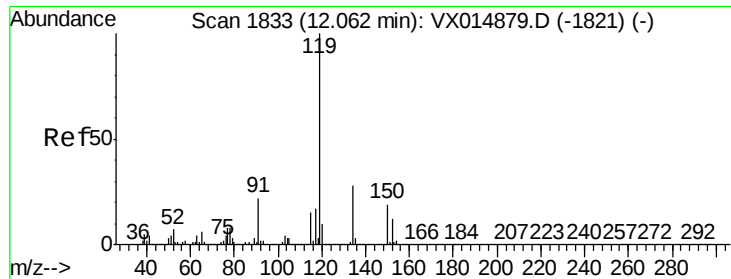
MMDadoda
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#85
sec-Butylbenzene
Concen: 50.192 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion:105 Resp: 956680
Ion Ratio Lower Upper
105 100
134 20.8 10.6 31.8





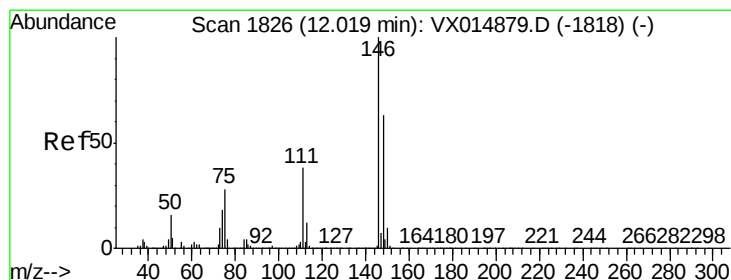
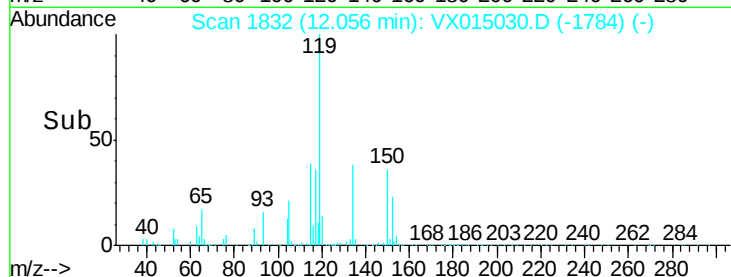
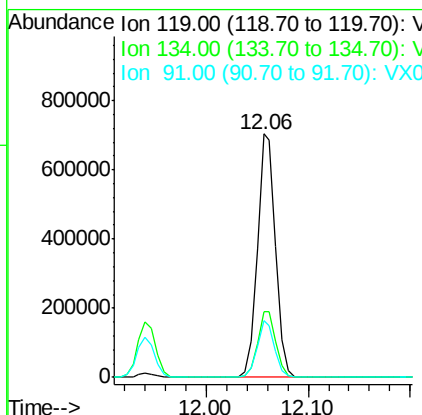
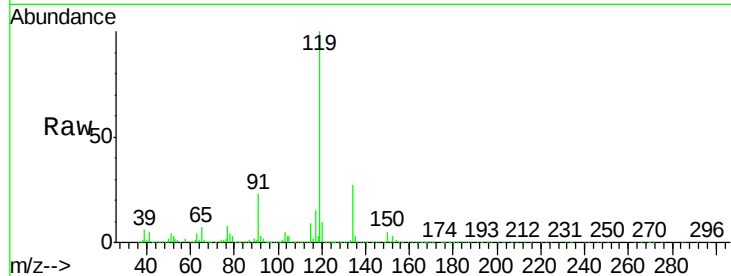
#86
p-Isopropyltoluene
Concen: 49.211 ug/l
RT: 12.06 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.5	40.5
91	22.4	11.4	34.1

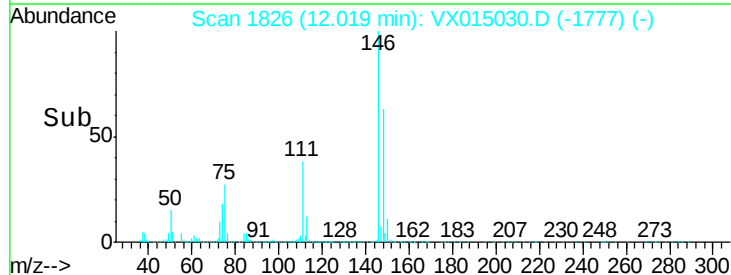
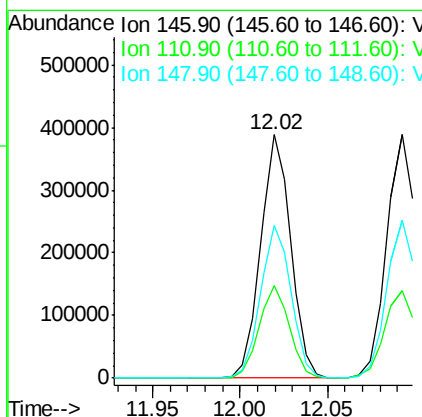
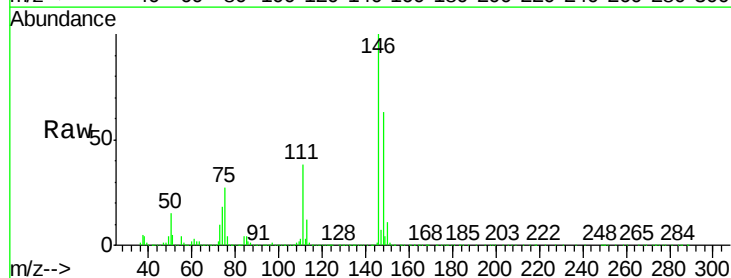
Manual Integrations
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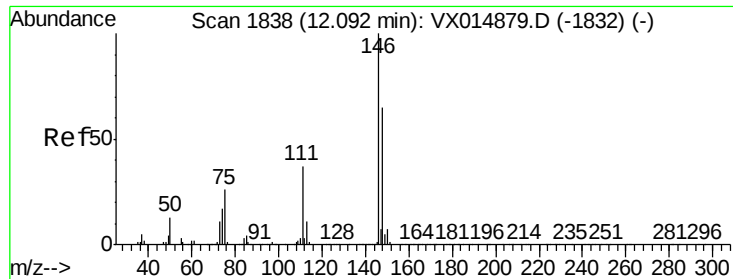
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 47.861 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	56.0
148	63.4	31.8	95.4





#88

1,4-Dichlorobenzene

Concen: 46.690 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

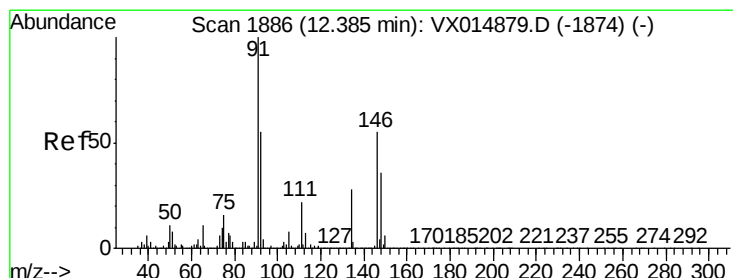
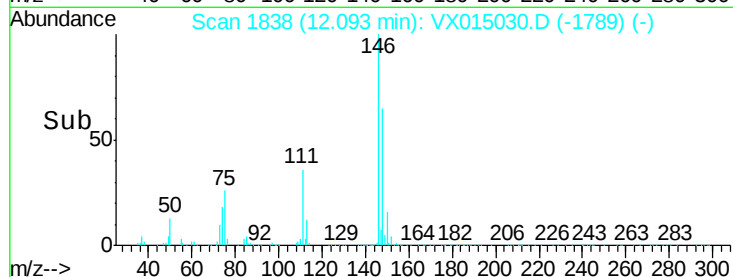
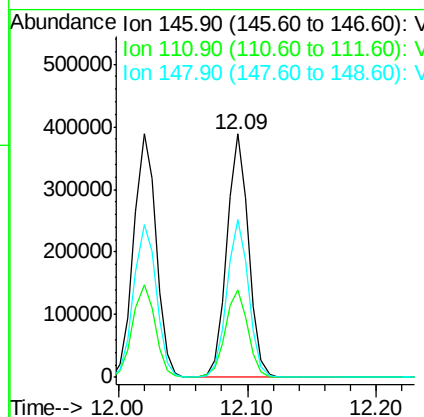
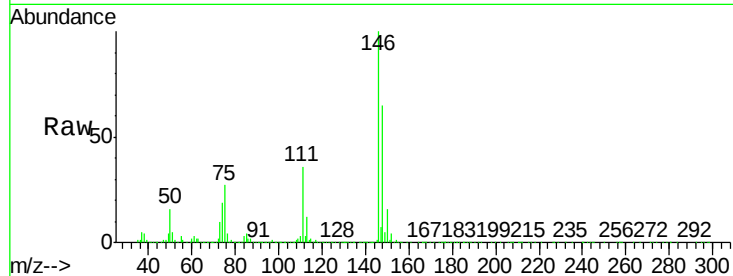
Instrument :
MSVOA_X

ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	64.7	32.4	97.0

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#89

n-Butylbenzene

Concen: 48.909 ug/l

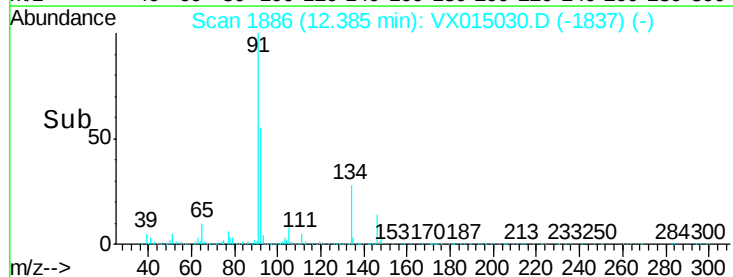
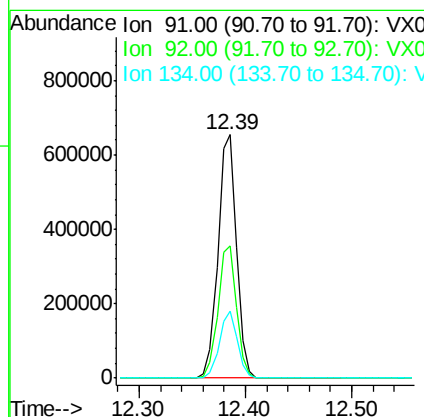
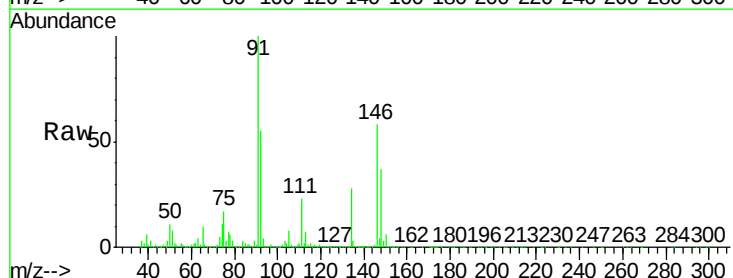
RT: 12.39 min Scan# 1886

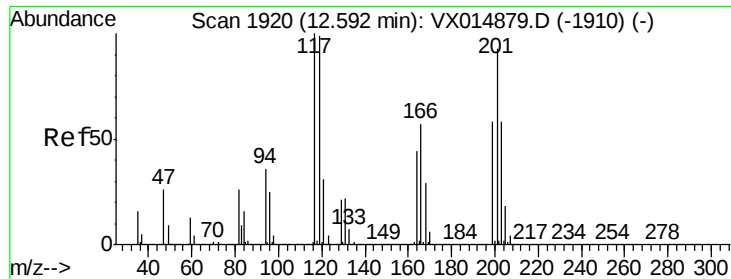
Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.3	81.8
134	26.8	13.8	41.4





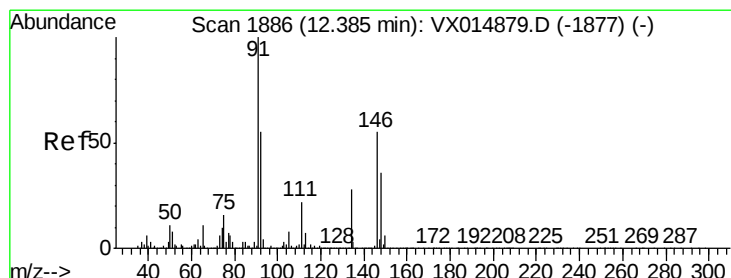
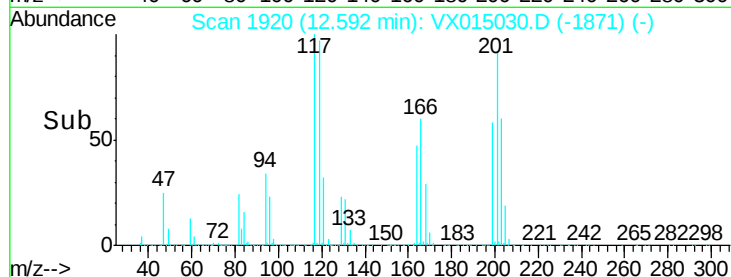
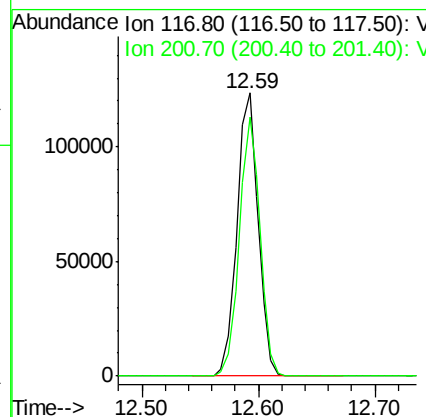
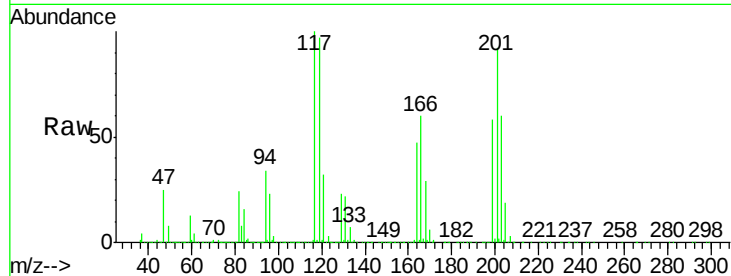
#90
Hexachloroethane
Concen: 50.366 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	156881		
201	89.4	44.8	134.3	

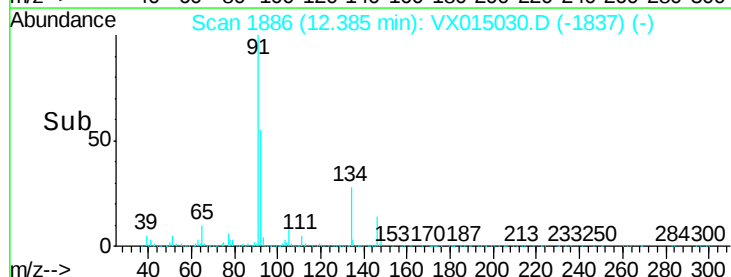
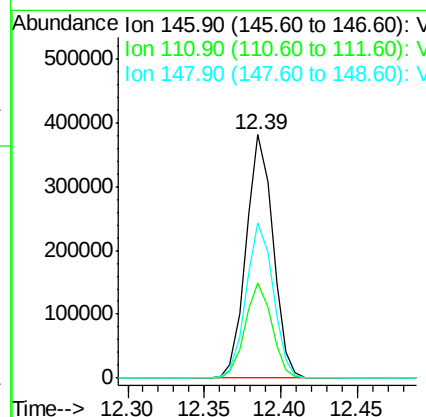
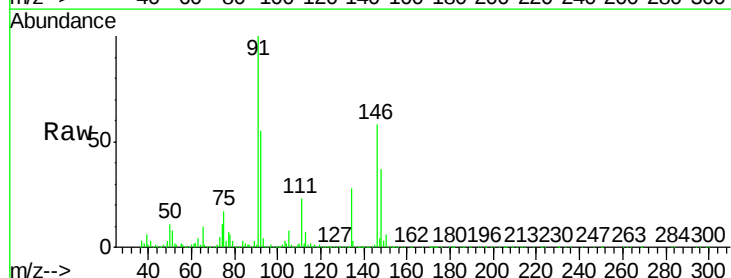
Manual Integrations
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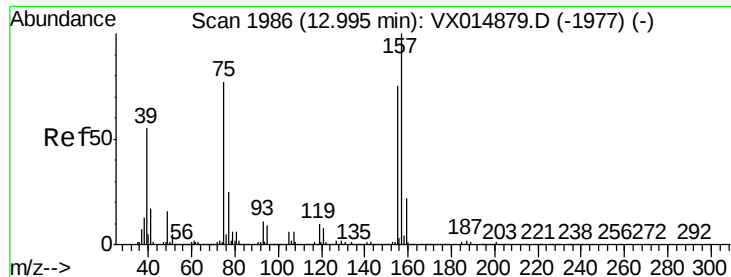
MMDadoda
2/27/2020 10:48:23 AM



#91
1,2-Dichlorobenzene
Concen: 48.809 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	464745		
111	38.9	19.8	59.3	
148	64.6	32.4	97.2	





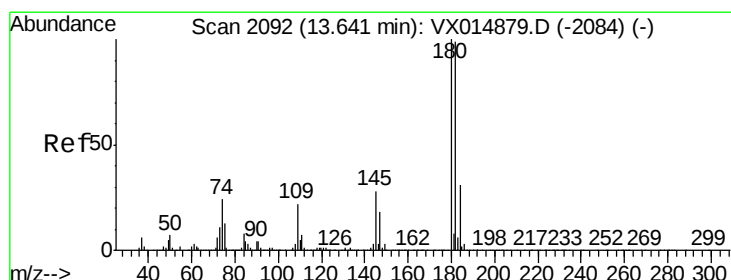
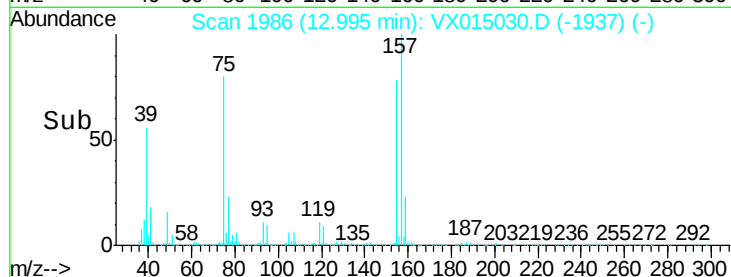
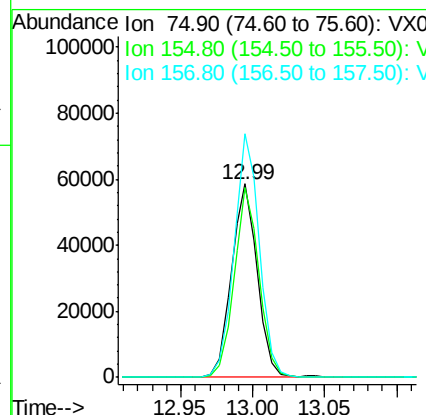
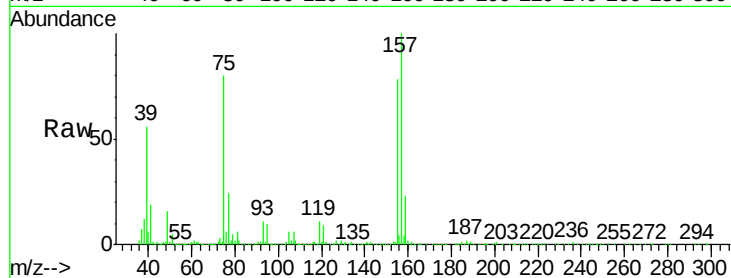
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.096 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.5	48.6	145.9
157	124.2	62.0	186.0

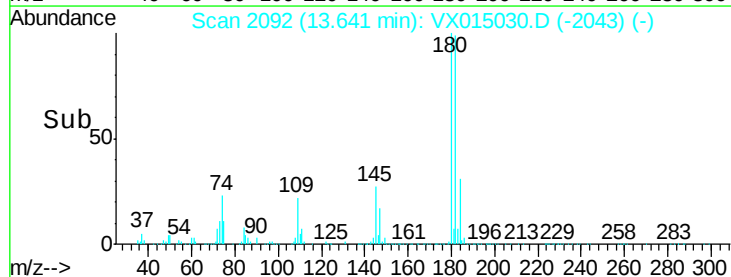
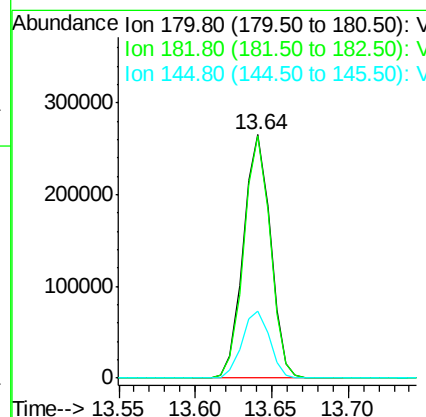
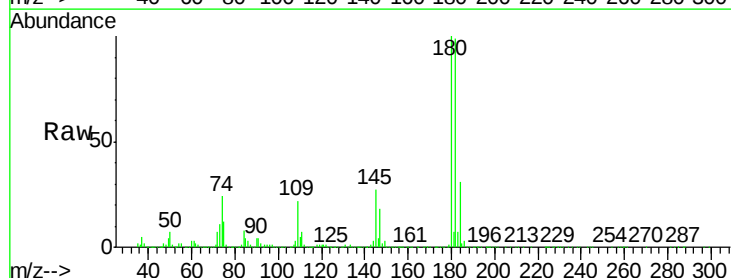
Manual Integrations
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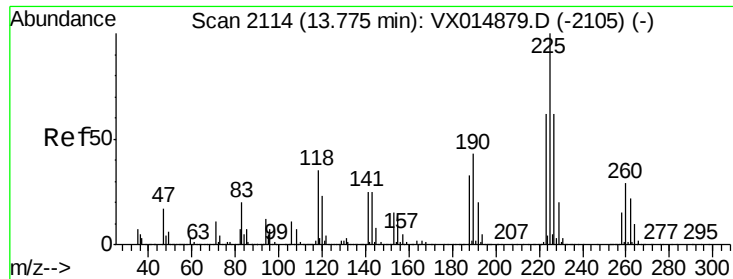
MMDadoda
 2/27/2020 10:48:23 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 46.340 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.4	145.3
145	28.1	14.1	42.4





#94

Hexachlorobutadiene

Concen: 47.239 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

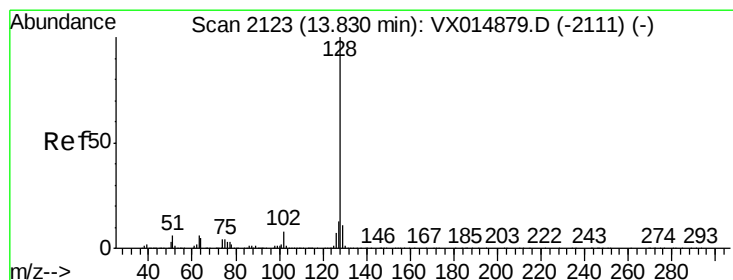
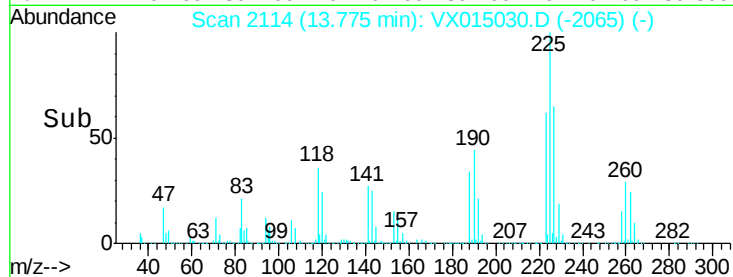
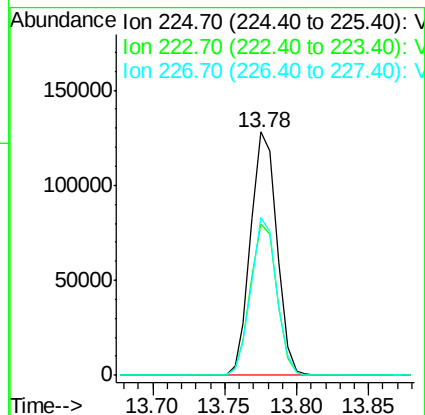
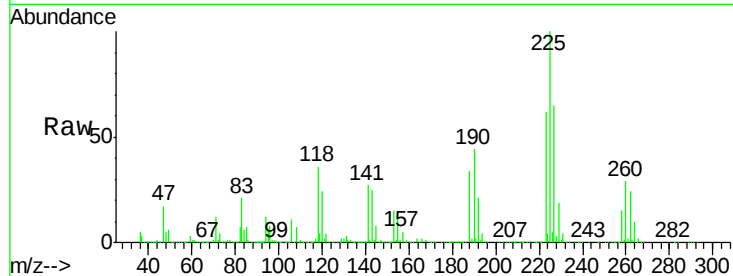
ClientSampleId :

GR-OF-20200225MSD

Tot Ion:	225	Resp:	160581
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.1	93.2
227	63.1	30.9	92.5

Manual Integrations
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#95

Naphthalene

Concen: 53.617 ug/l

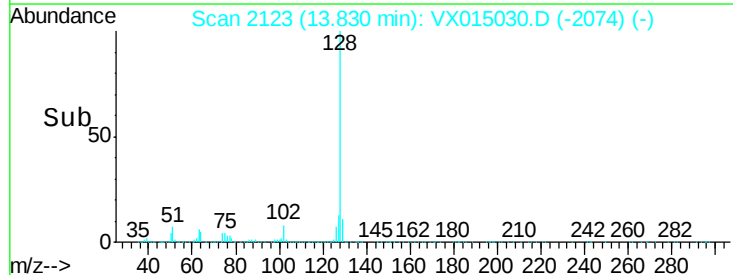
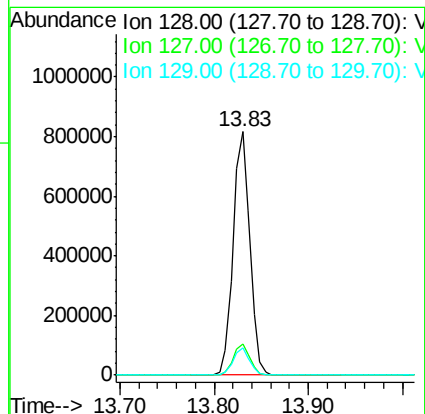
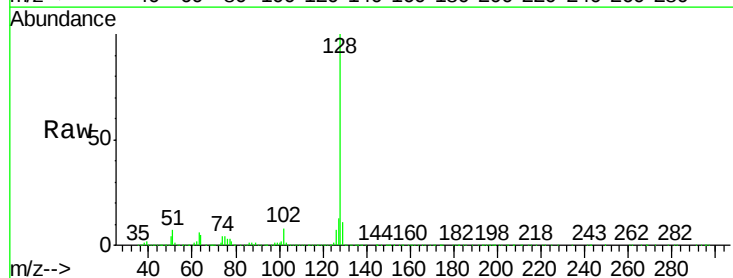
RT: 13.83 min Scan# 2123

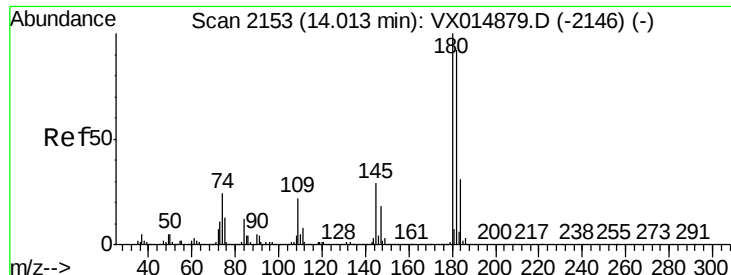
Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Tgt Ion:	128	Resp:	1001903
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 49.023 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	47.5	142.6
145	30.1	14.5	43.5

Manual Integrations
 APPROVED

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