

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050720\
 Data File : VX016105.D
 Acq On : 07 May 2020 19:28
 Operator : JC/SP
 Sample : L2543-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MS

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:01 AM

Quant Time: May 08 04:35:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	278448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	458062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219127	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	176042	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.47	113	137609	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	8.70	98	535755	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.12	95	208751	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	142685	48.412	ug/l	99
3) Chloromethane	1.31	50	164291	47.999	ug/l	100
4) Vinyl Chloride	1.39	62	183379	50.217	ug/l	97
5) Bromomethane	1.62	94	88285	47.954	ug/l	97
6) Chloroethane	1.71	64	108325	48.753	ug/l	99
7) Trichlorofluoromethane	1.92	101	227720	47.499	ug/l	100
8) Diethyl Ether	2.17	74	95403	47.229	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	131687	47.610	ug/l	99
10) Methyl Iodide	2.49	142	171111	46.055	ug/l	99
11) Tert butyl alcohol	3.02	59	216379	233.531	ug/l	100
12) 1,1-Dichloroethene	2.36	96	138819	47.960	ug/l	95
13) Acrolein	2.27	56	116931	201.673	ug/l	99
14) Allyl chloride	2.71	41	255052	48.058	ug/l	98
15) Acrylonitrile	3.12	53	479222	249.317	ug/l	99
16) Acetone	2.42	43	397509	243.142	ug/l	96
17) Carbon Disulfide	2.55	76	415103	47.746	ug/l	99
18) Methyl Acetate	2.75	43	189086	47.039	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	507177	50.829	ug/l	100
20) Methylene Chloride	2.84	84	161280	47.853	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	154213	47.810	ug/l	96
22) Diisopropyl ether	3.82	45	503101	50.248	ug/l	97
23) Vinyl Acetate	3.79	43	2096788	238.036	ug/l	100
24) 1,1-Dichloroethane	3.67	63	281336	50.231	ug/l	99
25) 2-Butanone	4.64	43	662914	251.632	ug/l	100
26) 2,2-Dichloropropane	4.55	77	218837	42.783	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	314322	89.136	ug/l	94
28) Bromochloromethane	4.98	49	121979	47.761	ug/l	99
29) Tetrahydrofuran	5.09	42	433701	248.454	ug/l	99
30) Chloroform	5.18	83	278480	49.937	ug/l	99
31) Cyclohexane	5.55	56	247998	48.721	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	253913	50.091	ug/l	100
36) 1,1-Dichloropropene	5.77	75	210688	46.726	ug/l	99
37) Ethyl Acetate	4.79	43	237654	45.475	ug/l	100
38) Carbon Tetrachloride	5.76	117	222891	48.634	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	247996	45.671	ug/l	99
40) Benzene	6.12	78	646735	49.021	ug/l	99
41) Methacrylonitrile	5.01	41	139214	49.326	ug/l	99
42) 1,2-Dichloroethane	6.17	62	228491	48.077	ug/l	100
43) Isopropyl Acetate	6.42	43	388673	46.613	ug/l	99
44) Trichloroethene	7.19	130	211685	45.164	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168795	50.563	ug/l	99
46) Dibromomethane	7.64	93	109283	48.172	ug/l	99
47) Bromodichloromethane	7.88	83	227367	49.210	ug/l	99
48) Methyl methacrylate	7.75	41	191008	48.343	ug/l	98
49) 1,4-Dioxane	7.71	88	80542	849.955	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1271182	249.126	ug/l	100
52) Toluene	8.77	92	403278	49.040	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	261675	47.501	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	272201	47.306	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	162288	50.160	ug/l	98
56) Ethyl methacrylate	9.16	69	263110	49.820	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278957	49.413	ug/l	100
59) 2-Hexanone	9.48	43	989237	246.867	ug/l	99
60) Dibromochloromethane	9.57	129	182270	51.152	ug/l	99
61) 1,2-Dibromoethane	9.65	107	175439	50.061	ug/l	99
64) Tetrachloroethene	9.32	164	241536	45.354	ug/l	98
65) Chlorobenzene	10.12	112	919122	101.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	162021	48.258	ug/l	100
67) Ethyl Benzene	10.24	91	773475	47.724	ug/l	100
68) m/p-Xylenes	10.34	106	583474	96.088	ug/l	100
69) o-Xylene	10.68	106	280698	48.090	ug/l	100
70) Styrene	10.70	104	483969	48.874	ug/l	100
71) Bromoform	10.84	173	135230	49.438	ug/l	99
73) Isopropylbenzene	11.01	105	765220	48.012	ug/l	100
74) N-amyl acetate	10.88	43	332571	44.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	172224	54.406	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	235498m	47.360	ug/l	
77) Bromobenzene	11.24	156	189805	46.138	ug/l	99
78) n-propylbenzene	11.35	91	866716	46.745	ug/l	100
79) 2-Chlorotoluene	11.40	91	511117	46.701	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	638770	47.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	95280	45.663	ug/l	99
82) 4-Chlorotoluene	11.49	91	604629	46.783	ug/l	100
83) tert-Butylbenzene	11.76	119	592007	51.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	644016	47.337	ug/l	99
85) sec-Butylbenzene	11.93	105	779921	49.809	ug/l	97
86) p-Isopropyltoluene	12.05	119	671438	46.185	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	340514	46.099	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	343750	45.850	ug/l	100
89) n-Butylbenzene	12.37	91	606165	45.641	ug/l	100
90) Hexachloroethane	12.58	117	117423	47.030	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	328591	46.199	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60960	46.515	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	239301	45.444	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	105156	46.414	ug/l	98
95) Naphthalene	13.82	128	806526	47.301	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	237818	46.211	ug/l	98

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

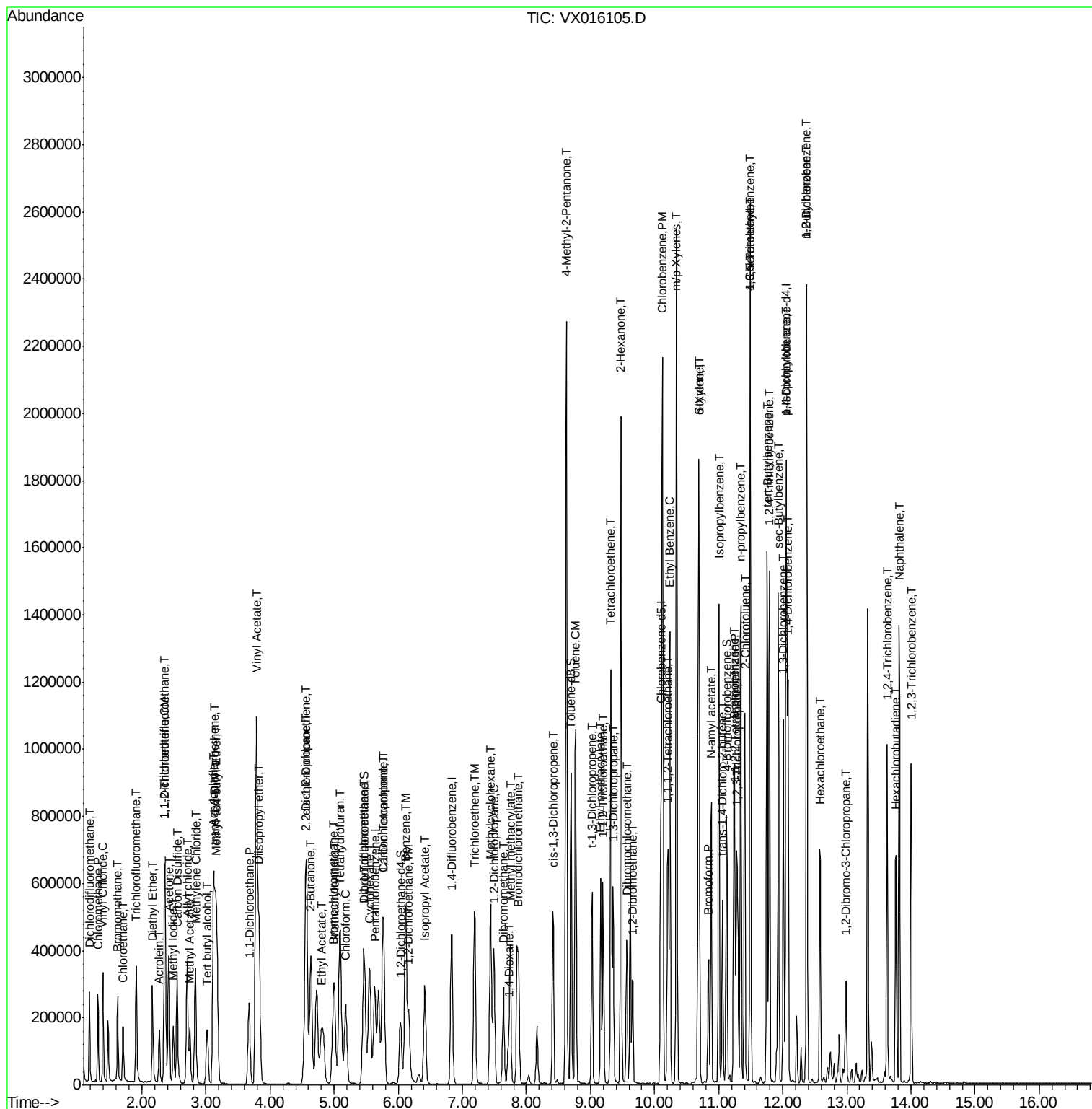
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Data File : VX016105.D
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Operator : JC/SP
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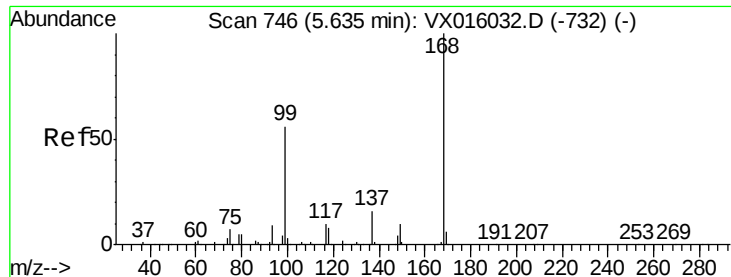
Instrument :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion:168 Resp: 278448

Ion Ratio Lower Upper

168 100

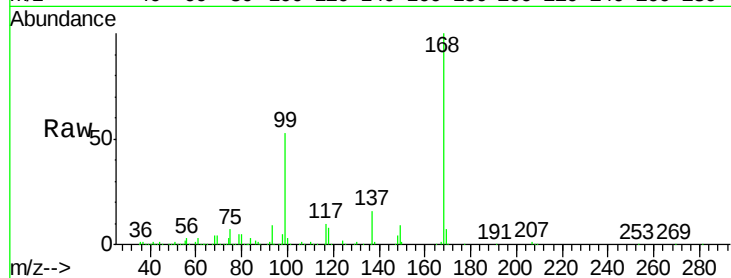
99 53.2 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

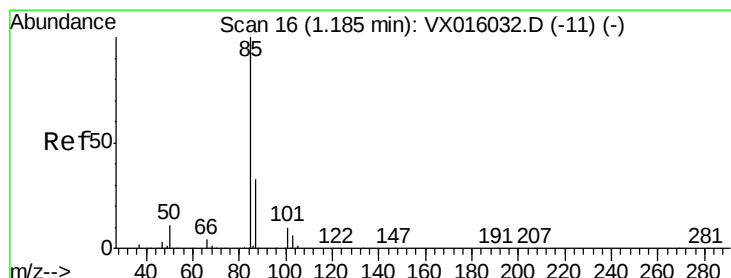
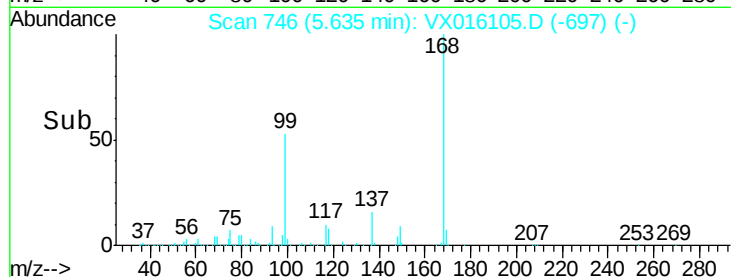
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.412 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016105.D

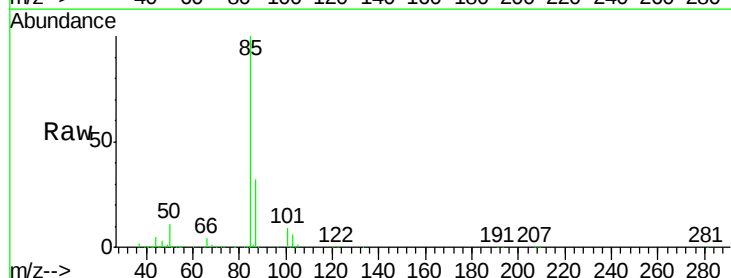
Acq: 07 May 2020 19:28

Tgt Ion: 85 Resp: 142685

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

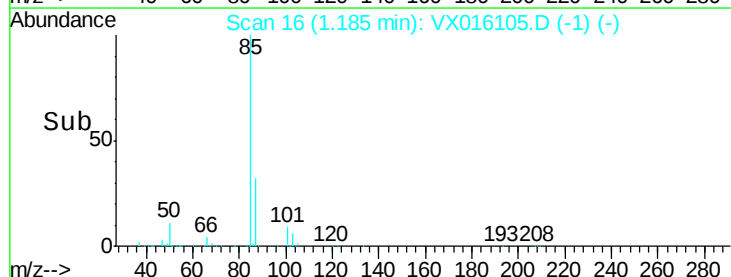
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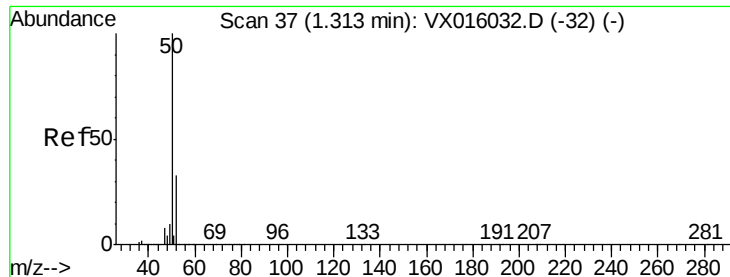
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50000

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Time-->





#3

Chloromethane

Concen: 47.999 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 50 Resp: 164291

Ion Ratio Lower Upper

50 100

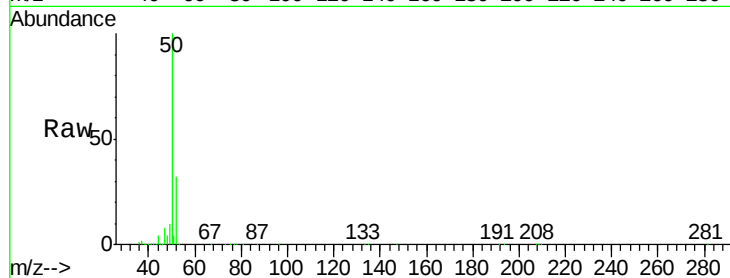
52 32.4 26.1 39.1

Manual Integrations

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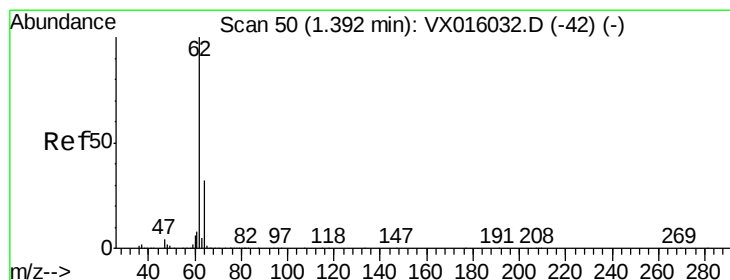
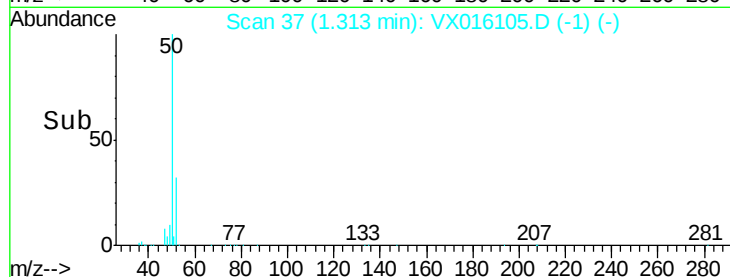
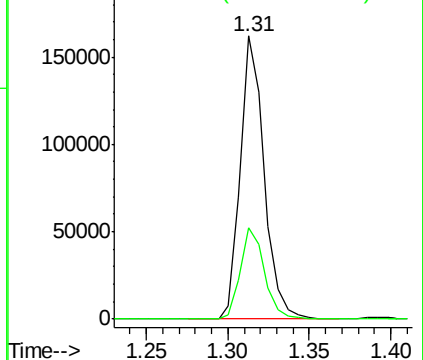
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.217 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016105.D

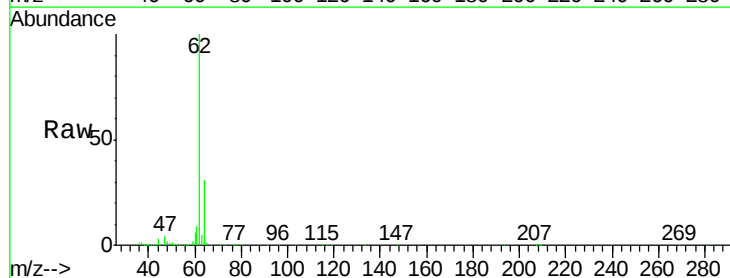
Acq: 07 May 2020 19:28

Tgt Ion: 62 Resp: 183379

Ion Ratio Lower Upper

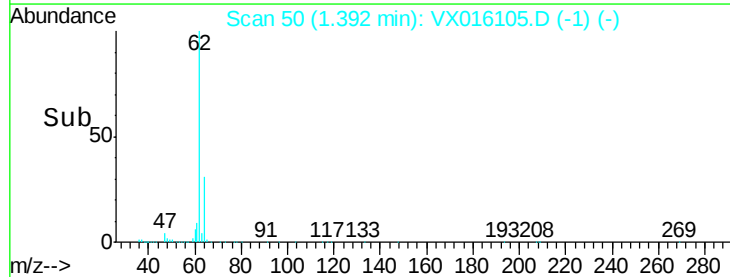
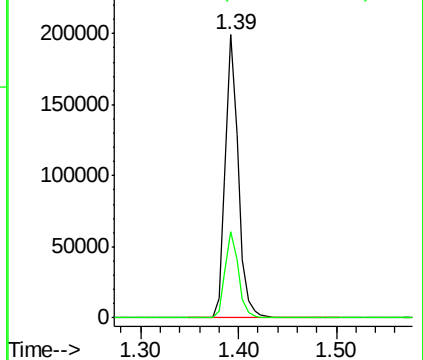
62 100

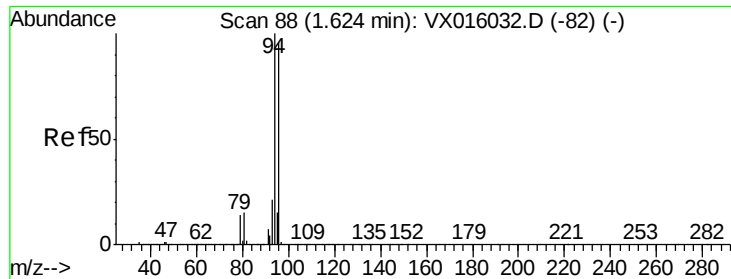
64 30.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.954 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 88285

Ion Ratio Lower Upper

94 100

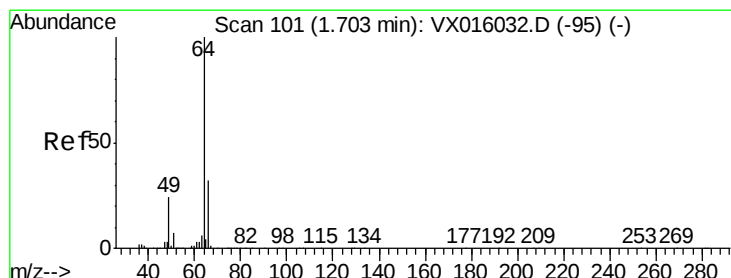
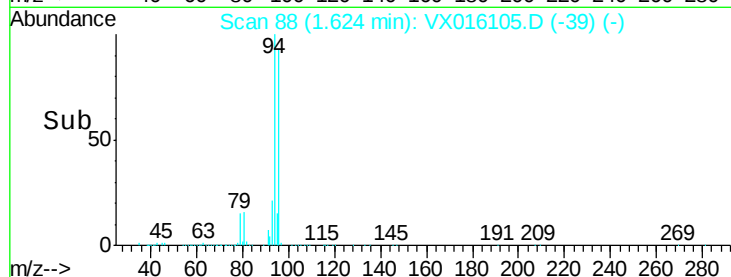
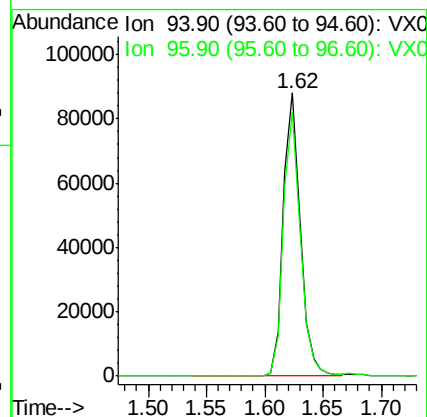
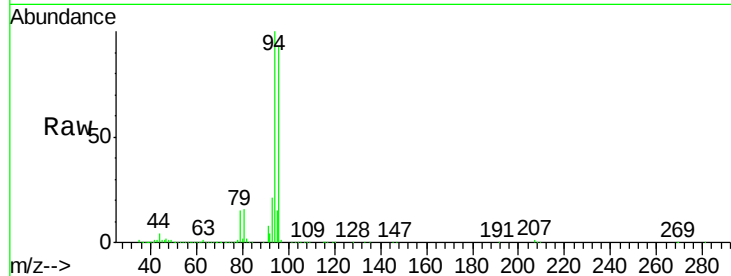
96 93.0 76.9 115.3

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#6

Chloroethane

Concen: 48.753 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016105.D

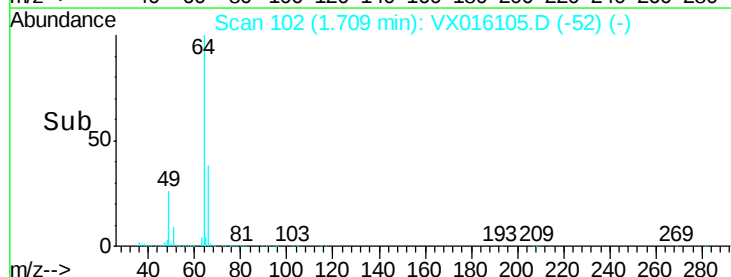
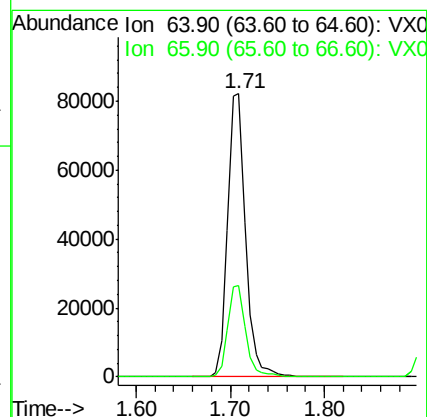
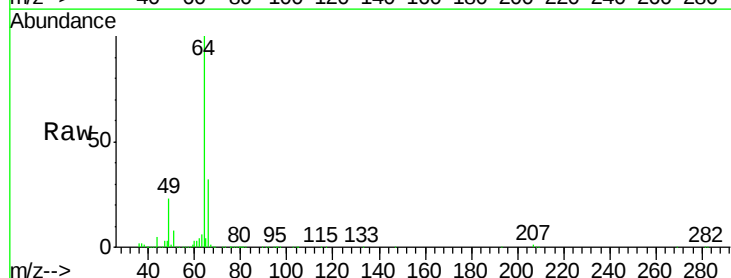
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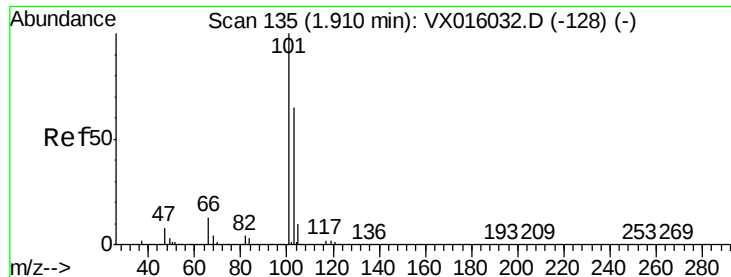
Tgt Ion: 64 Resp: 108325

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8





#7

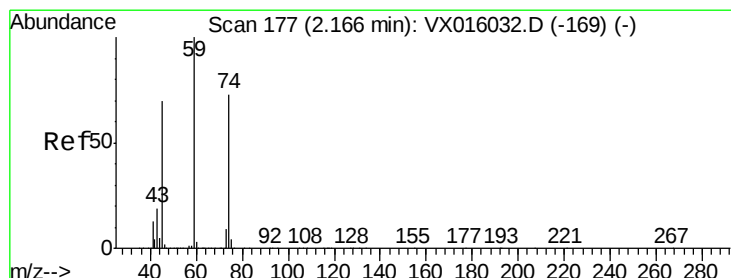
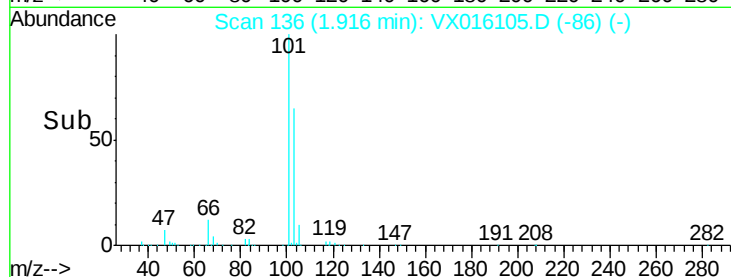
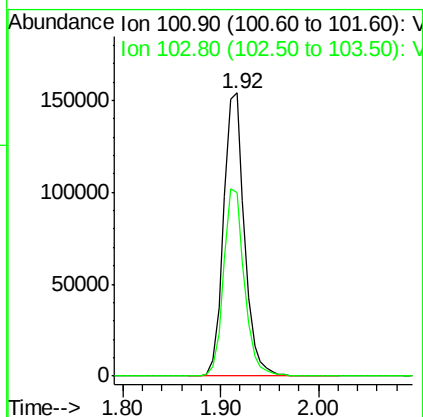
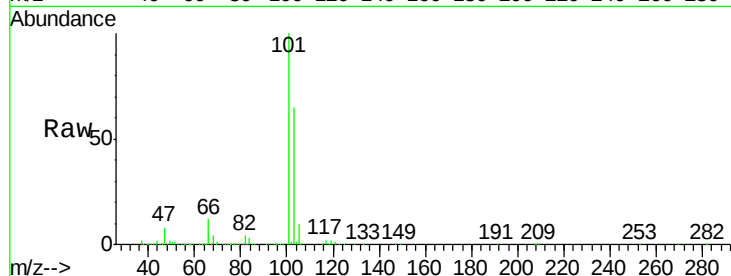
Trichlorofluoromethane
Concen: 47.499 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	227720		
103	64.9	51.8	77.6	

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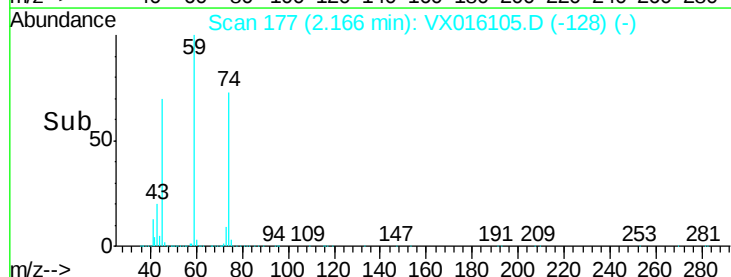
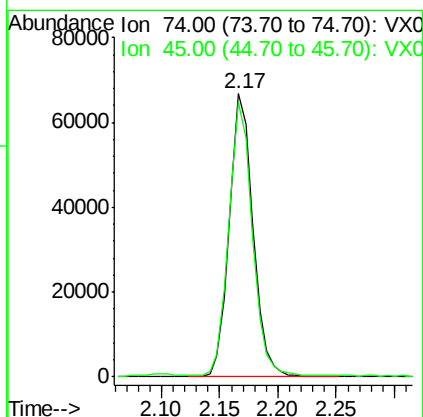
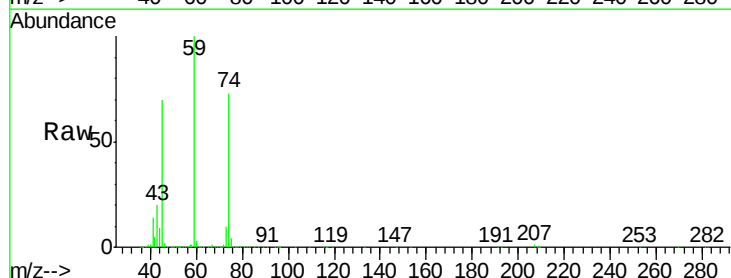
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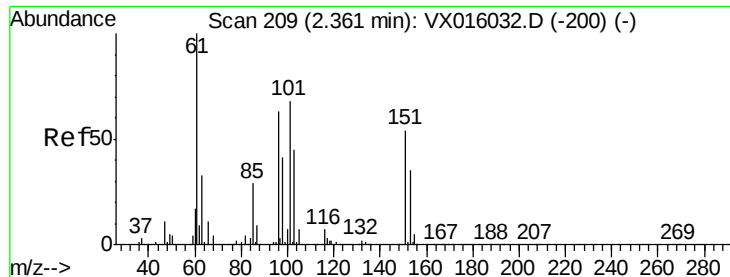


#8

Diethyl Ether
Concen: 47.229 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	95403		
45	95.5	47.3	142.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.610 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

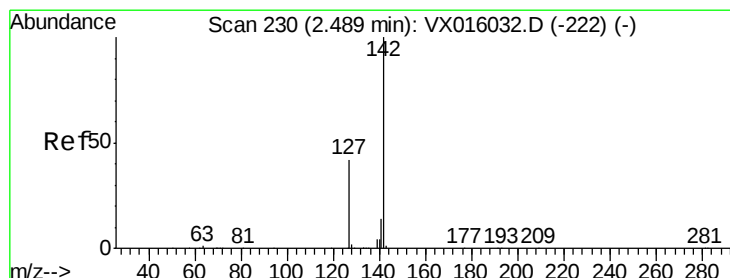
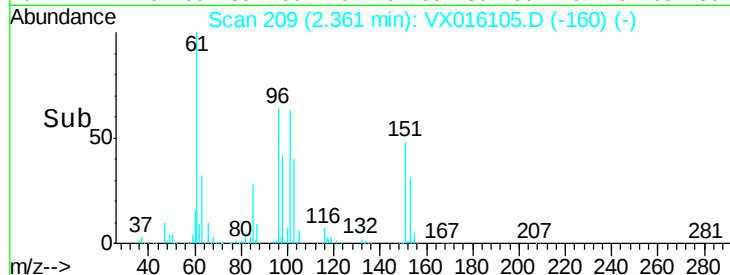
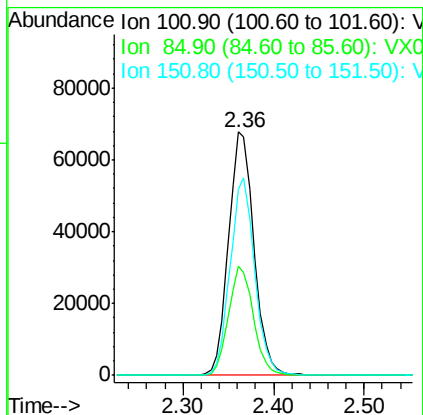
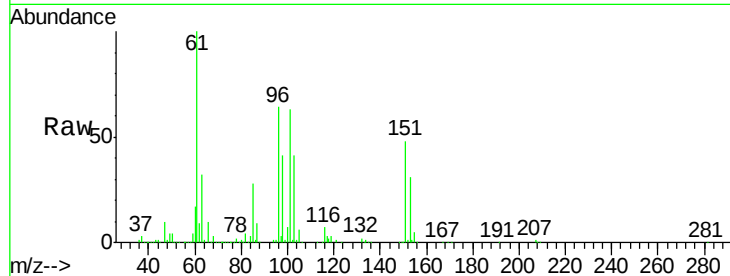
ClientSampleId :

SS038RW151-200503MS

Tot Ion:	101	Resp:	131687
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.2	51.4
151	78.5	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 46.055 ug/l

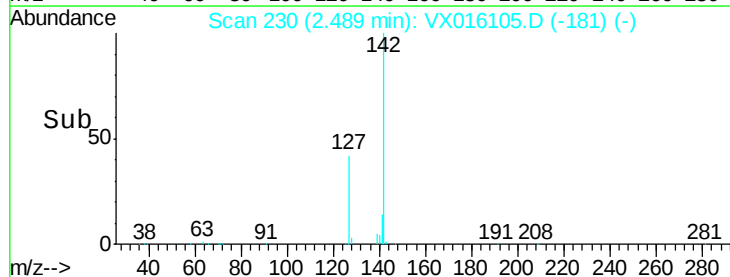
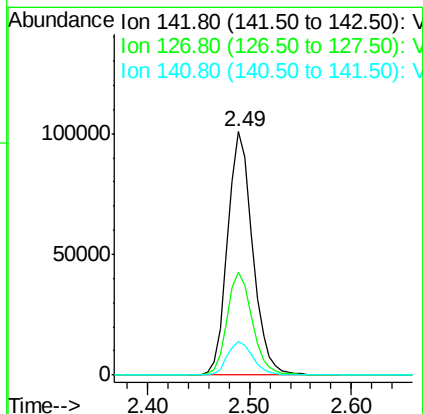
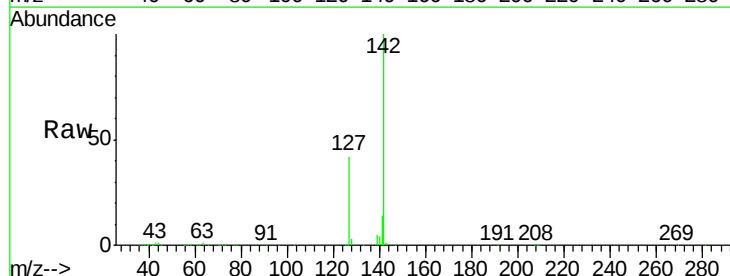
RT: 2.49 min Scan# 230

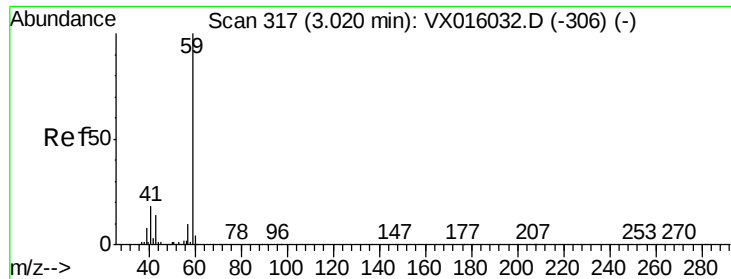
Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Tgt Ion:	142	Resp:	171111
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.6	52.0
141	14.0	11.3	16.9





#11

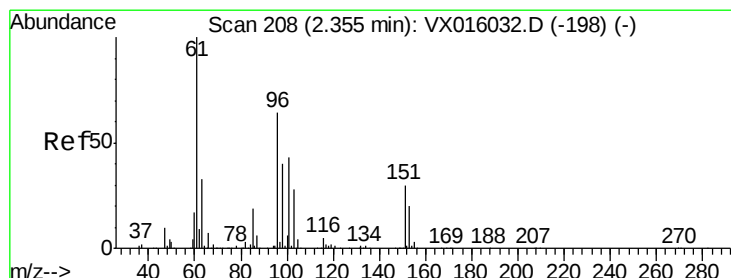
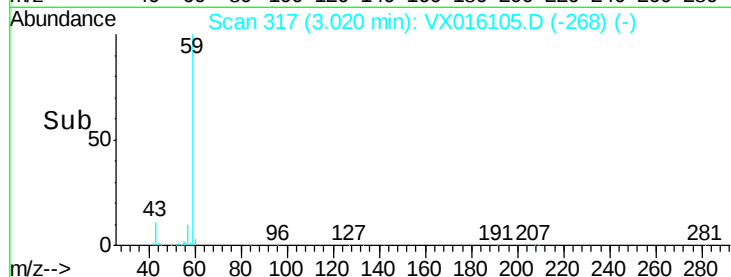
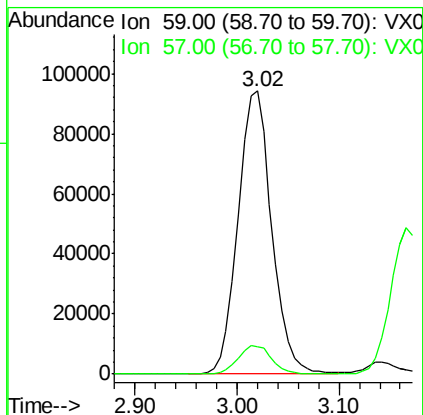
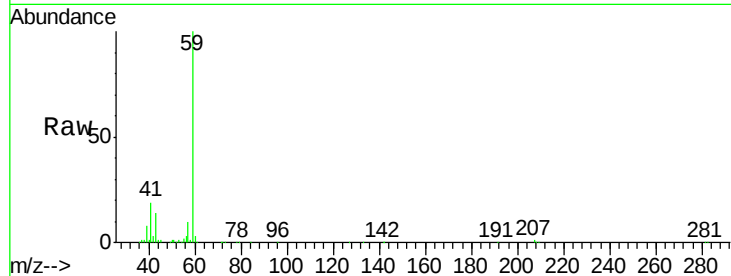
Tert butyl alcohol
 Concen: 233.531 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

Manual Integrations
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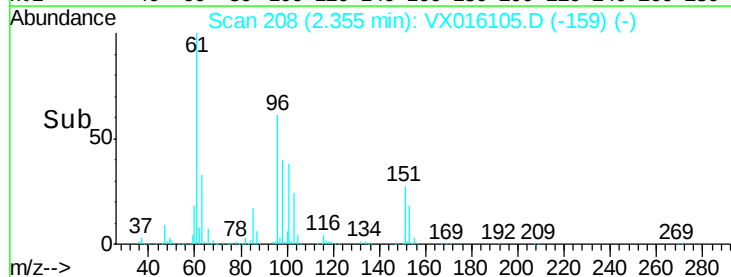
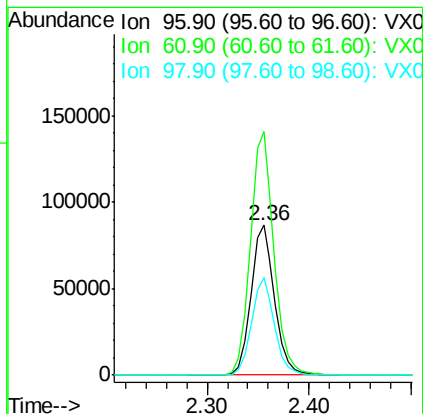
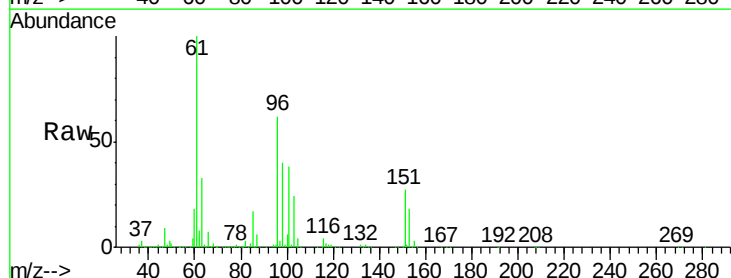
MMDadoda
 5/8/2020 11:51:01 AM

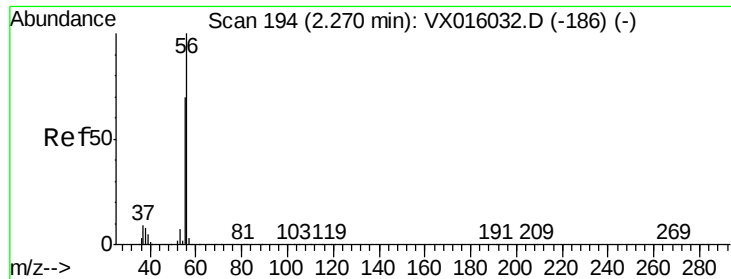


#12

1,1-Dichloroethene
 Concen: 47.960 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.6	124.8	187.2
98	65.3	49.7	74.5





#13

Acrolein

Concen: 201.673 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 56 Resp: 116931

Ion Ratio Lower Upper

56 100

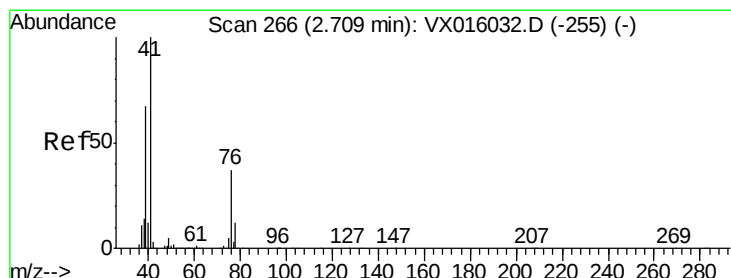
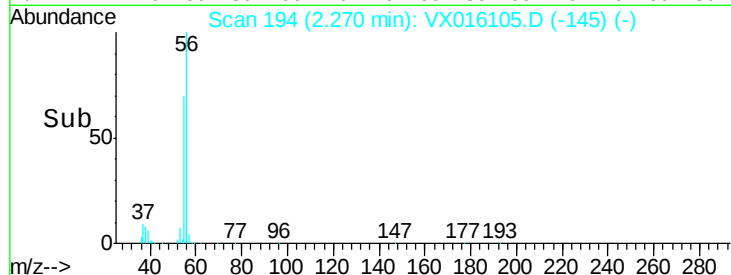
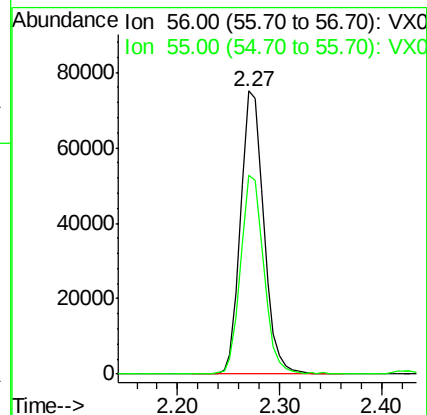
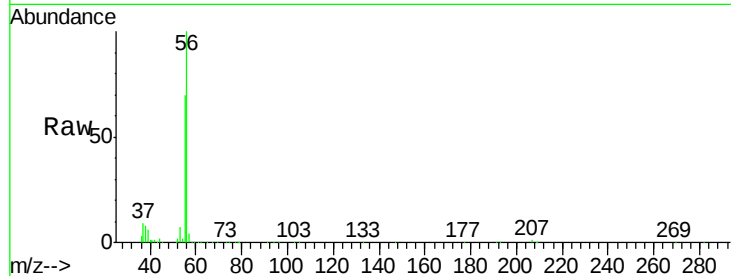
55 70.2 56.5 84.7

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 48.058 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

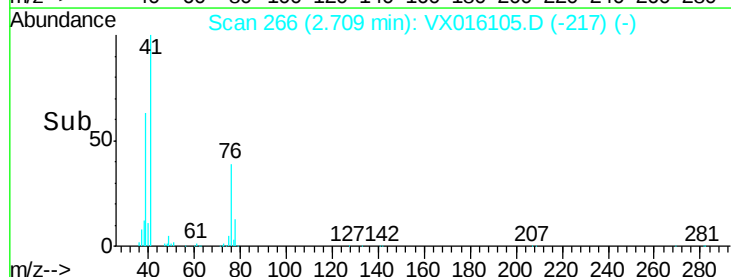
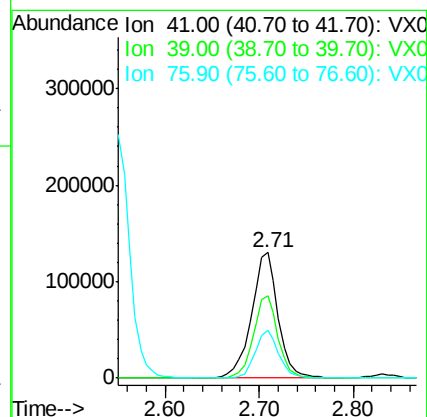
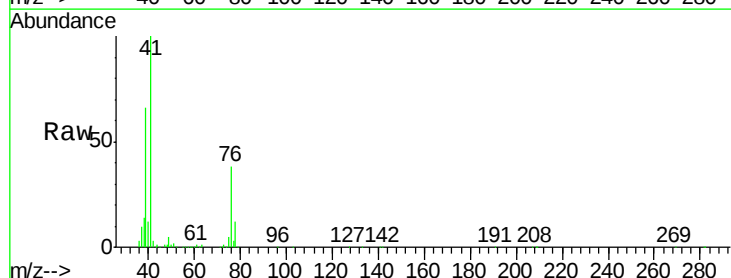
Tgt Ion: 41 Resp: 255052

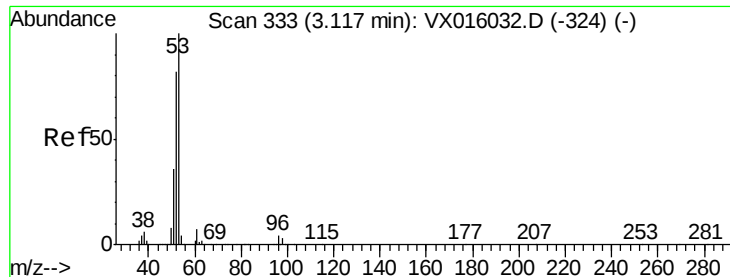
Ion Ratio Lower Upper

41 100

39 61.0 50.5 75.7

76 33.7 26.6 40.0





#15

Acrylonitrile

Concen: 249.317 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

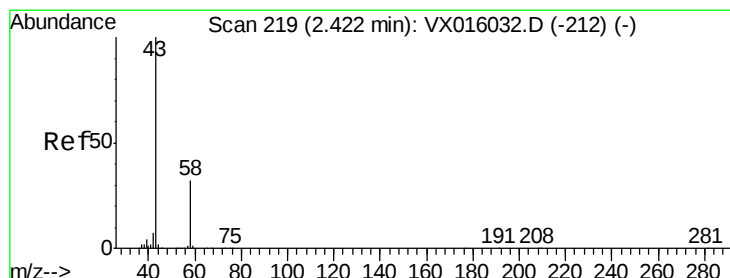
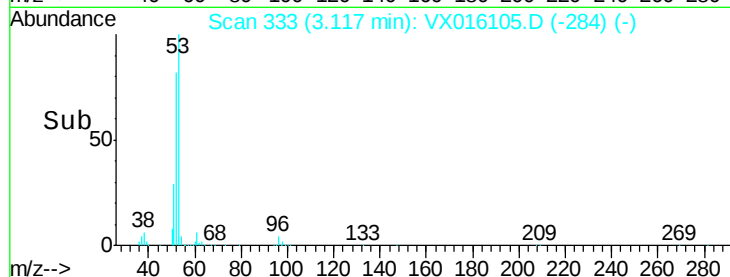
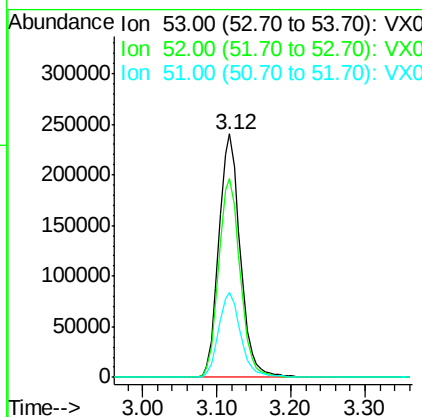
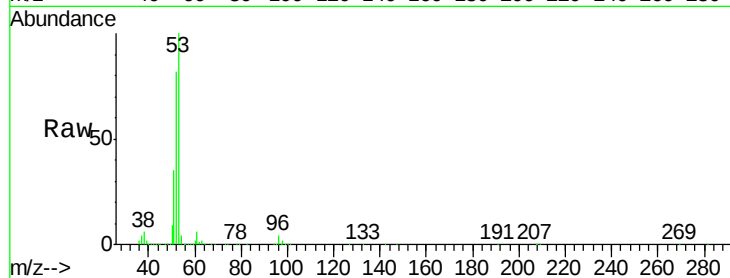
ClientSampleId :

SS038RW151-200503MS

Tot Ion:	53	Resp:	479222
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.1	99.1
51	35.7	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 243.142 ug/l

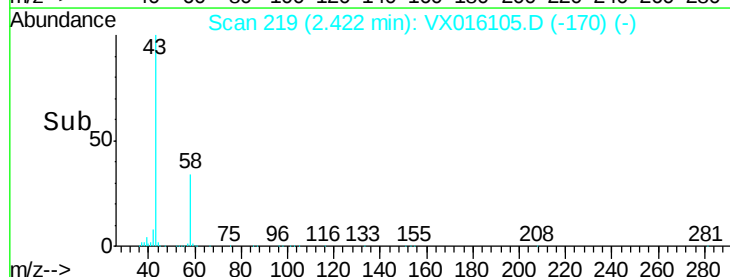
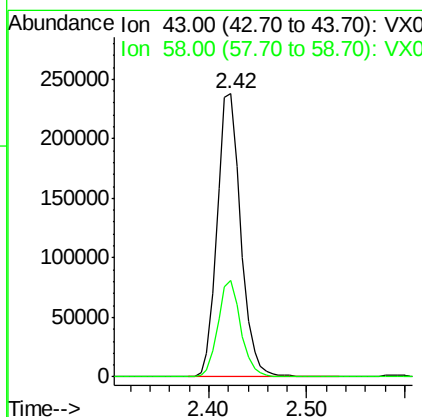
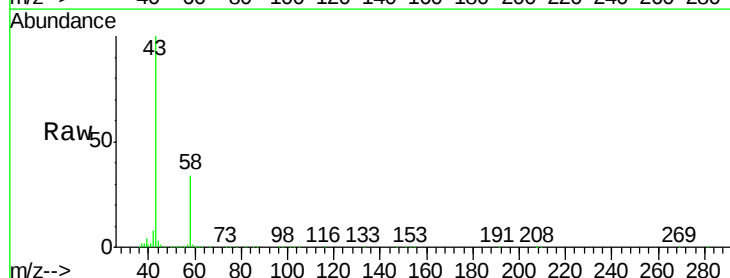
RT: 2.42 min Scan# 219

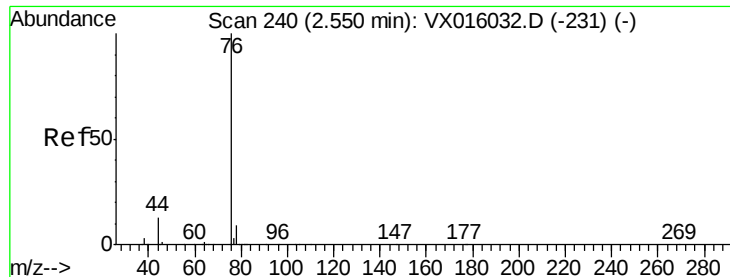
Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Tgt Ion:	43	Resp:	397509
Ion	Ratio	Lower	Upper
43	100		
58	33.9	25.4	38.0





#17

Carbon Disulfide

Concen: 47.746 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 76 Resp: 415103

Ion Ratio Lower Upper

76 100

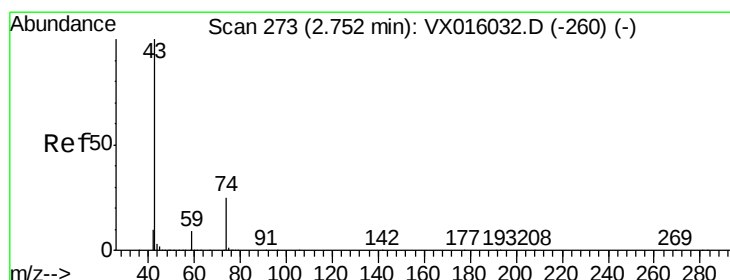
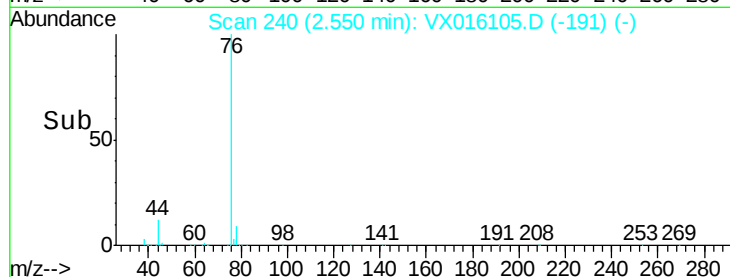
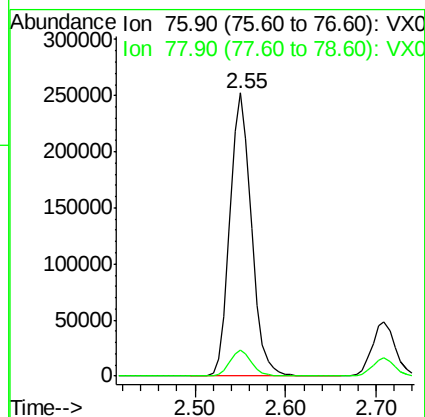
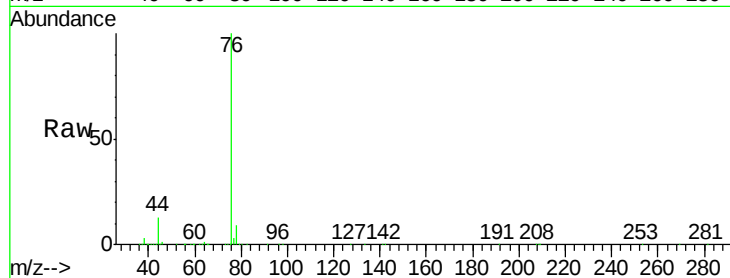
78 9.2 7.5 11.3

Manual Integrations

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5/8/2020 11:51:01 AM



#18

Methyl Acetate

Concen: 47.039 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016105.D

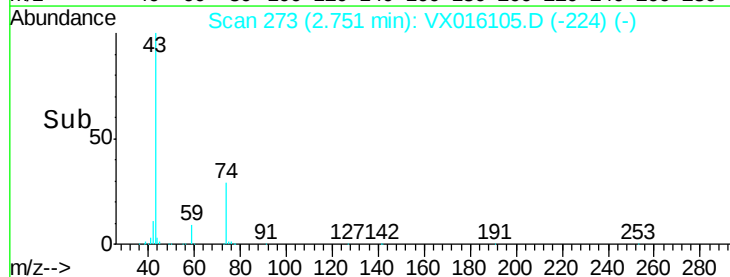
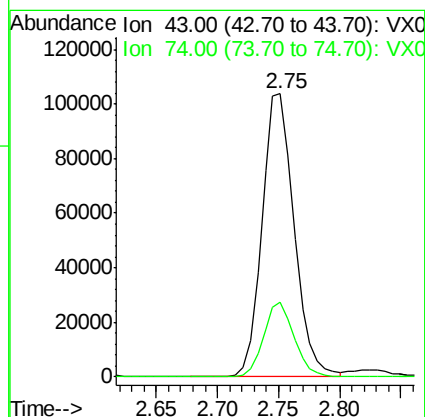
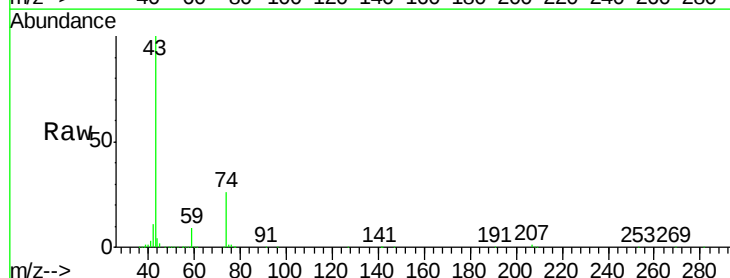
Acq: 07 May 2020 19:28

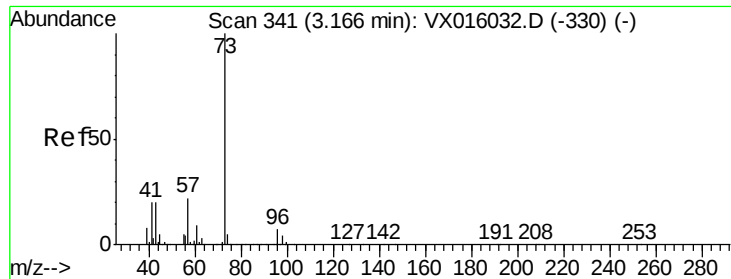
Tgt Ion: 43 Resp: 189086

Ion Ratio Lower Upper

43 100

74 25.5 20.2 30.2





#19

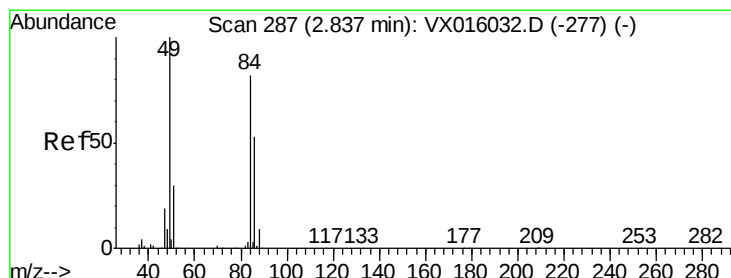
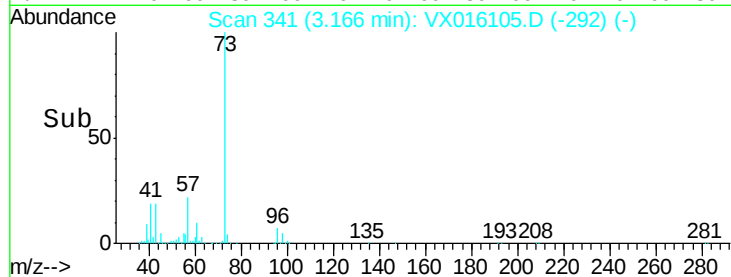
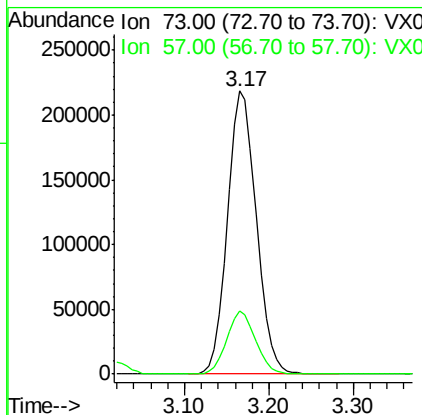
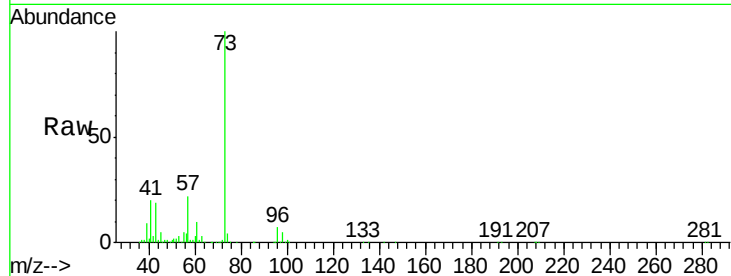
Methyl tert-butyl Ether
 Concen: 50.829 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.8	26.6

Manual Integrations
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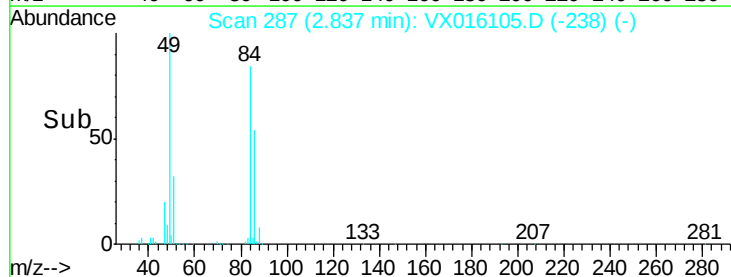
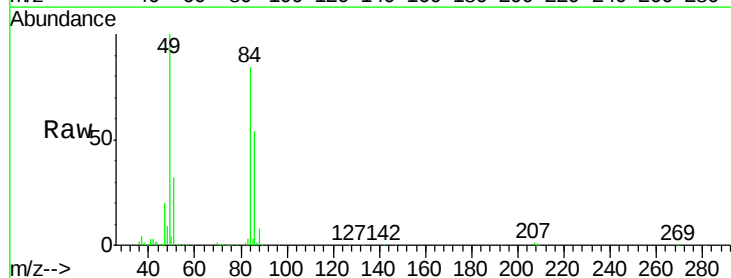
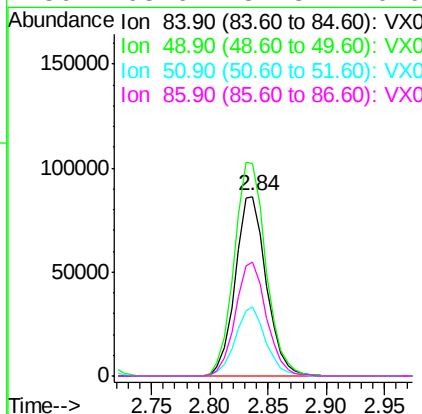
MMDadoda
 5/8/2020 11:51:01 AM

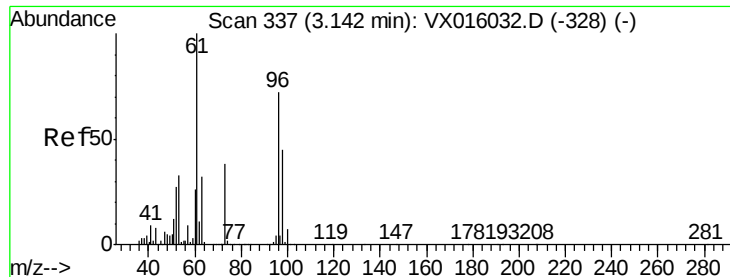


#20

Methylene Chloride
 Concen: 47.853 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.6	97.3	145.9
51	38.3	29.3	43.9
86	63.6	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 47.810 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

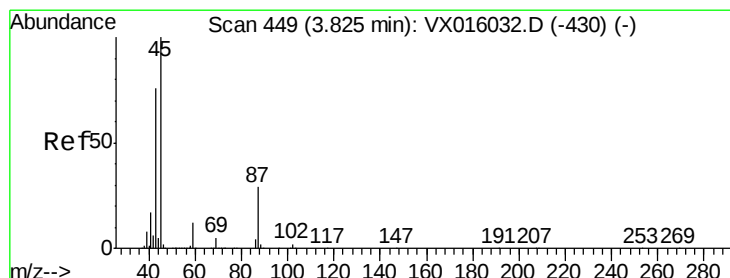
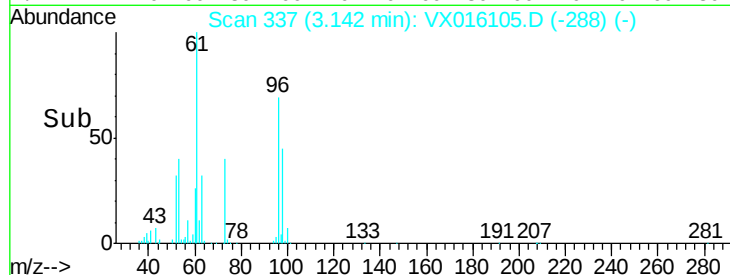
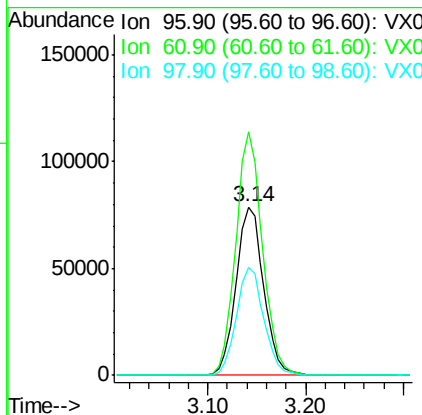
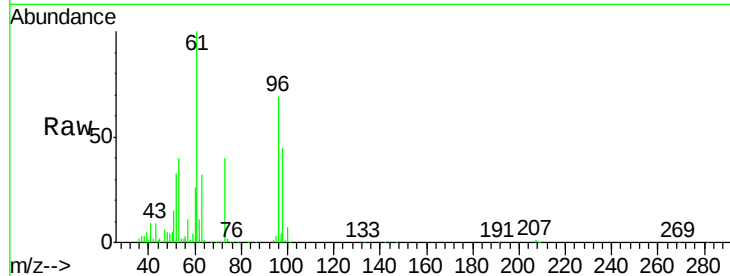
ClientSampleId :

SS038RW151-200503MS

Tot Ion:	96	Resp:	154213
Ion	Ratio	Lower	Upper
96	100		
61	144.6	111.2	166.8
98	64.4	50.2	75.4

Manual Integrations
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5/8/2020 11:51:01 AM



#22

Diisopropyl ether

Concen: 50.248 ug/l

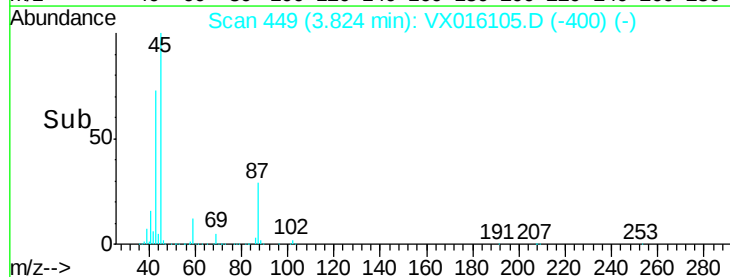
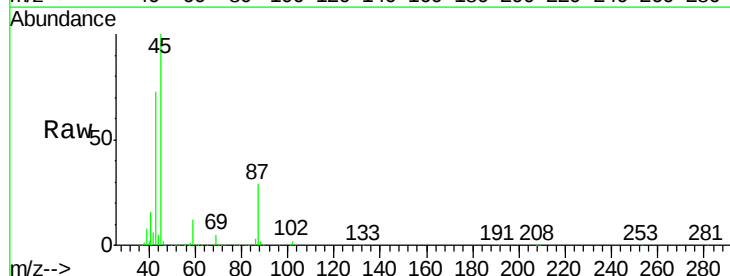
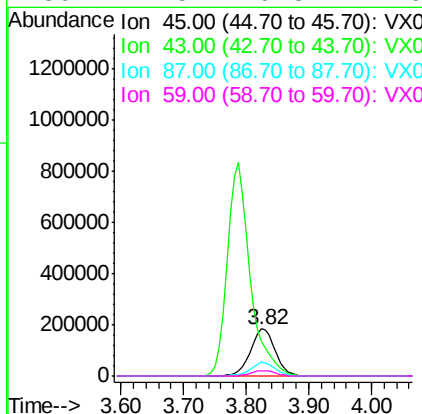
RT: 3.82 min Scan# 449

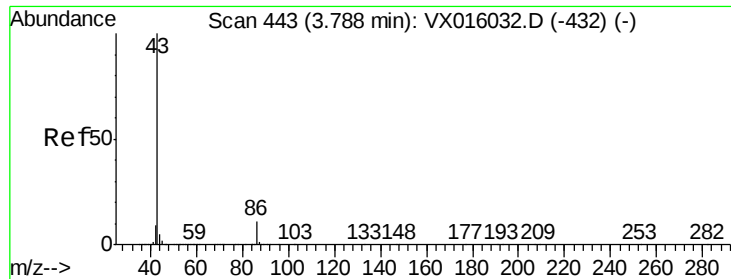
Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Tgt Ion:	45	Resp:	503101
Ion	Ratio	Lower	Upper
45	100		
43	73.4	61.1	91.7
87	28.6	23.0	34.6
59	11.5	9.8	14.6





#23

Vinyl Acetate

Concen: 238.036 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 43 Resp: 2096788

Ion Ratio Lower Upper

43 100

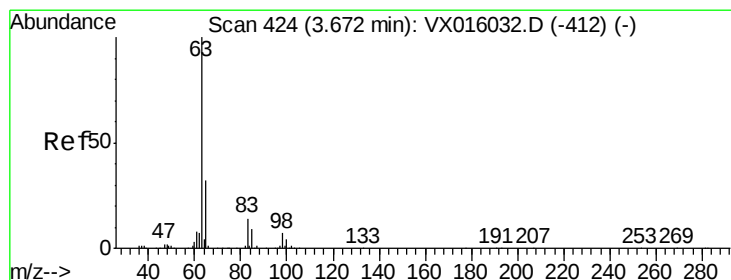
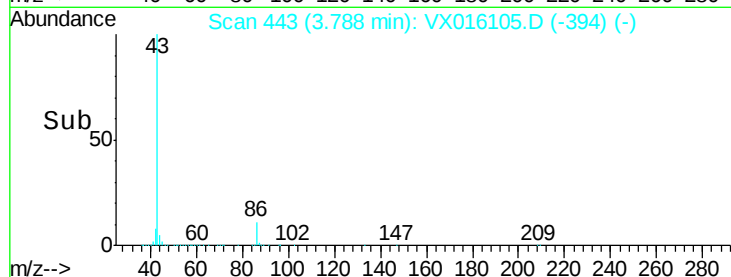
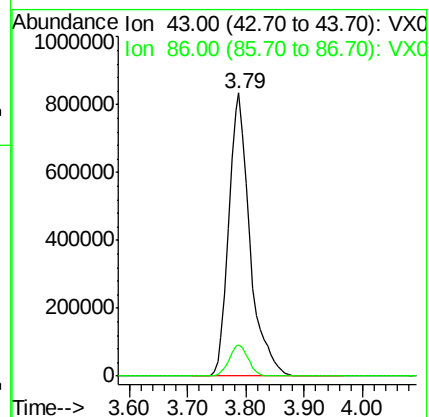
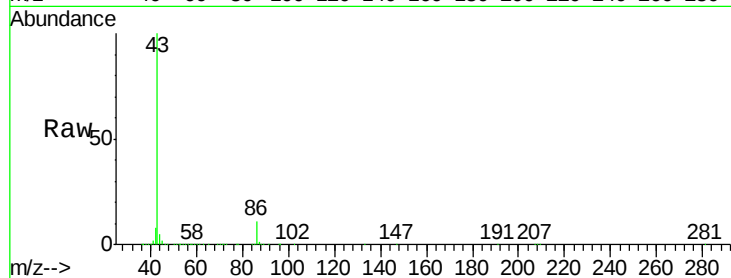
86 11.1 9.0 13.4

Manual Integrations

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MMDadoda

5/8/2020 11:51:01 AM



#24

1,1-Dichloroethane

Concen: 50.231 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

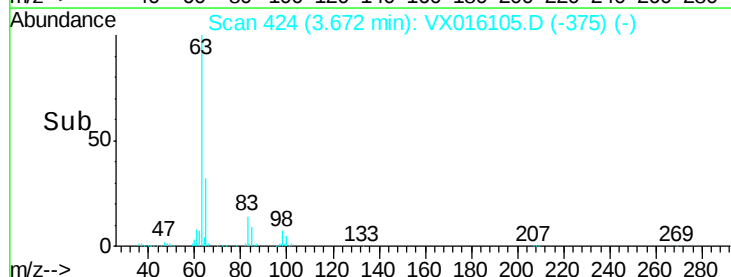
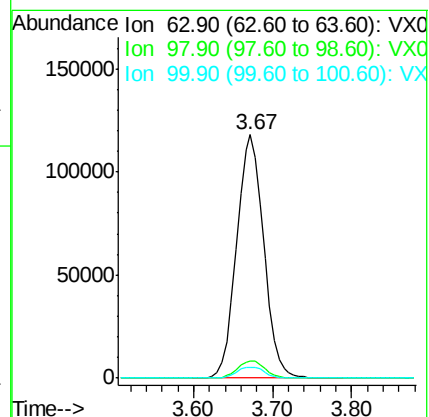
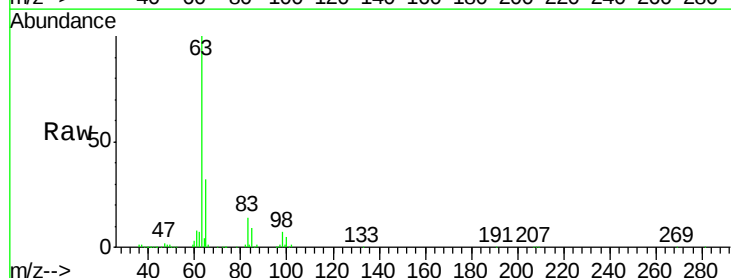
Tgt Ion: 63 Resp: 281336

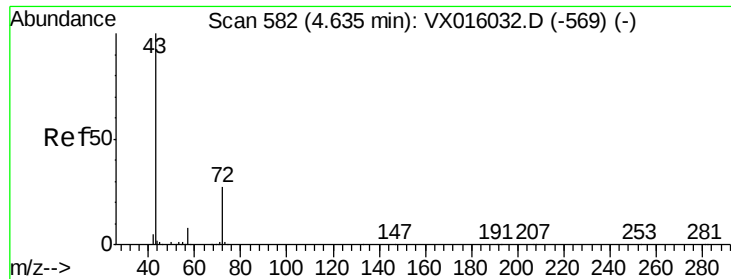
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 251.632 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 43 Resp: 662914

Ion Ratio Lower Upper

43 100

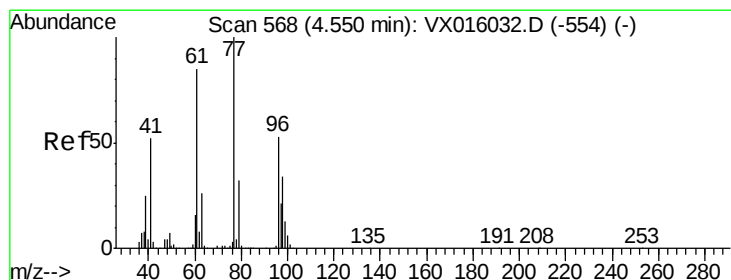
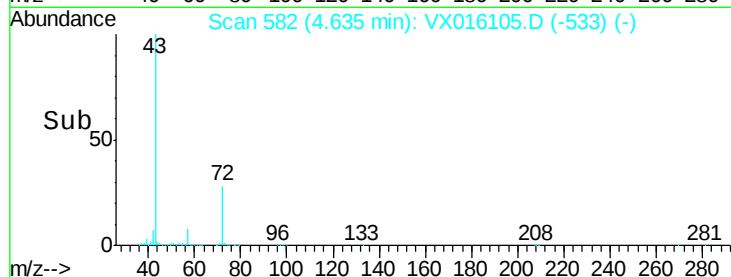
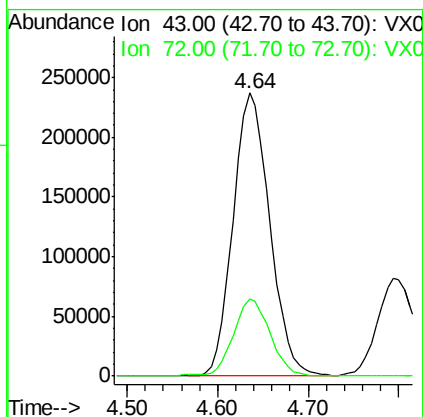
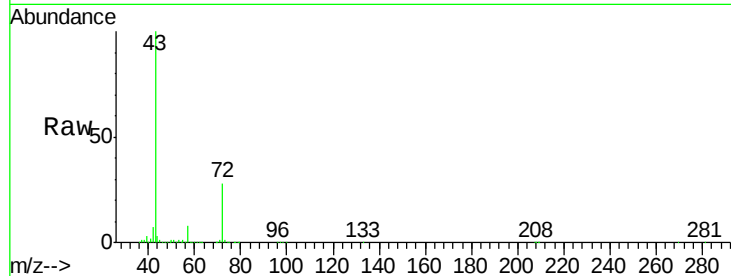
72 27.5 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.783 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016105.D

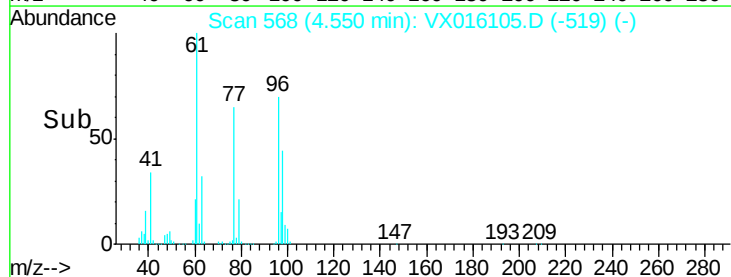
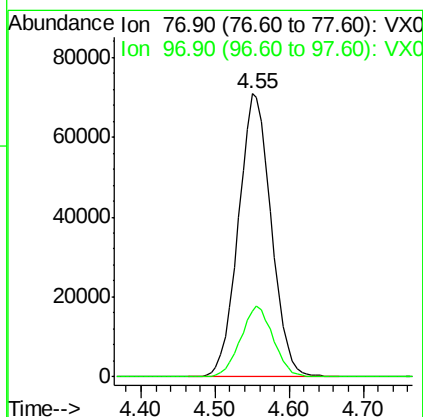
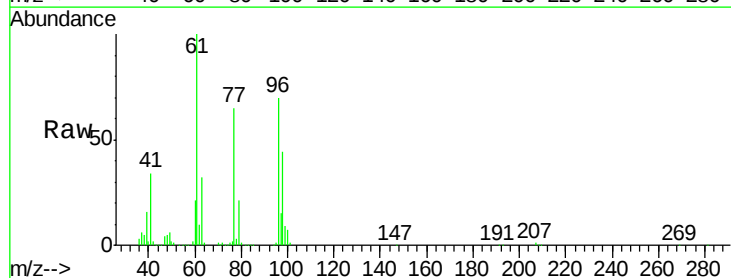
Acq: 07 May 2020 19:28

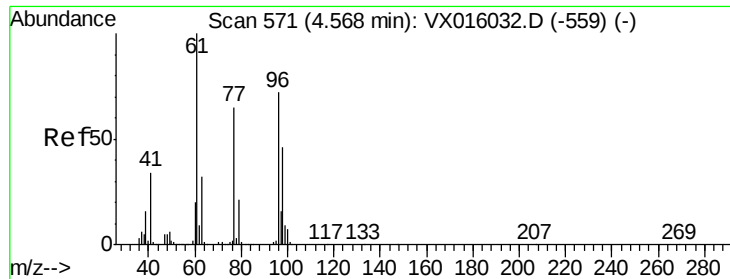
Tgt Ion: 77 Resp: 218837

Ion Ratio Lower Upper

77 100

97 25.0 11.2 33.6





#27

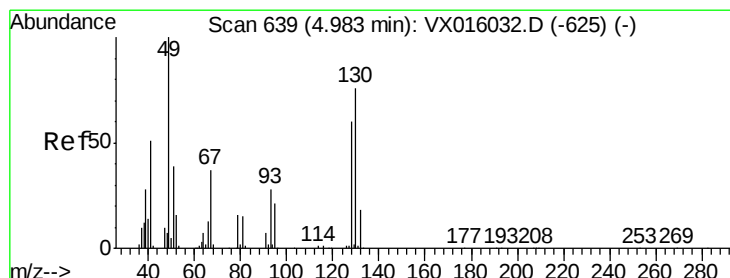
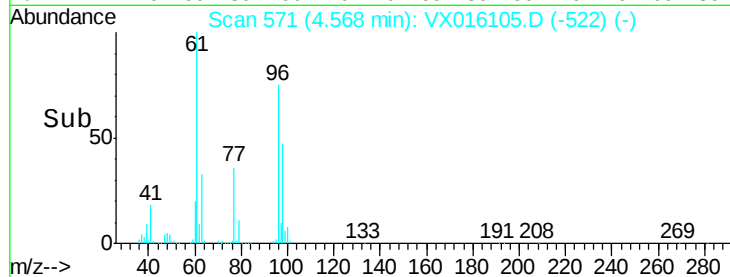
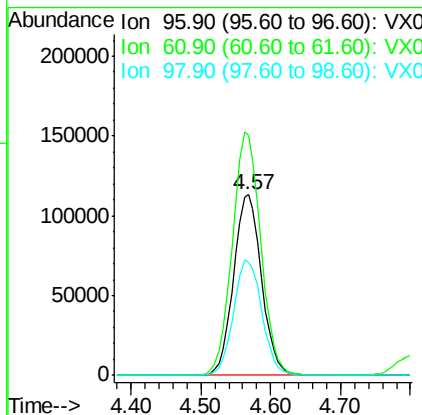
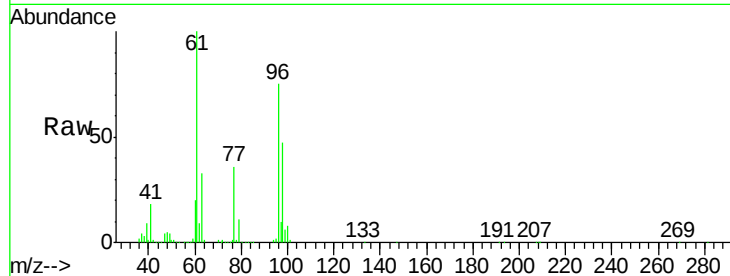
cis-1,2-Dichloroethene
Concen: 89.136 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	137.3	0.0	296.2	
98	64.6	0.0	129.4	

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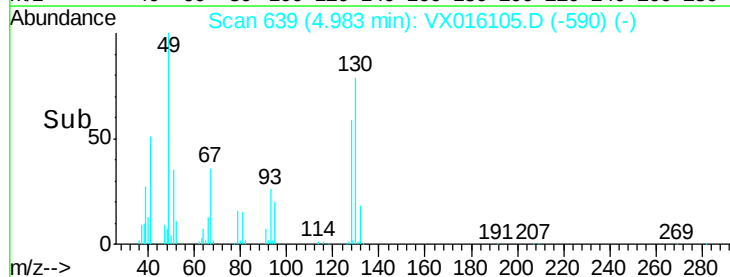
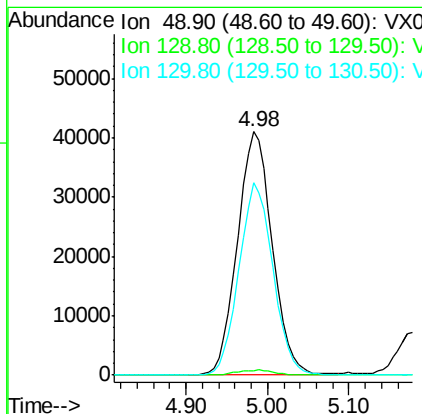
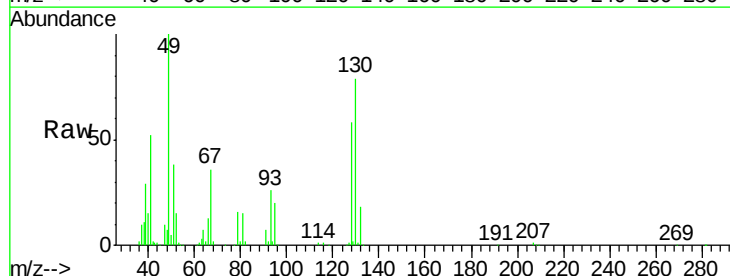
MMDadoda
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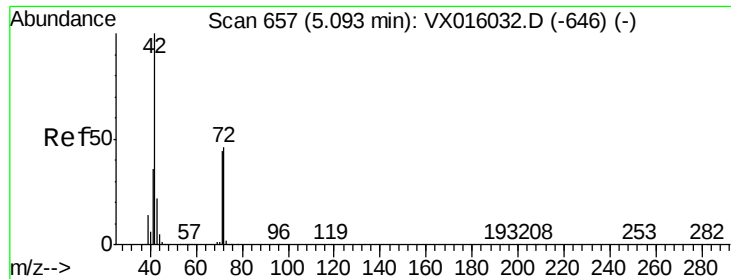


#28

Bromochloromethane
Concen: 47.761 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	77.0	62.4	93.6	





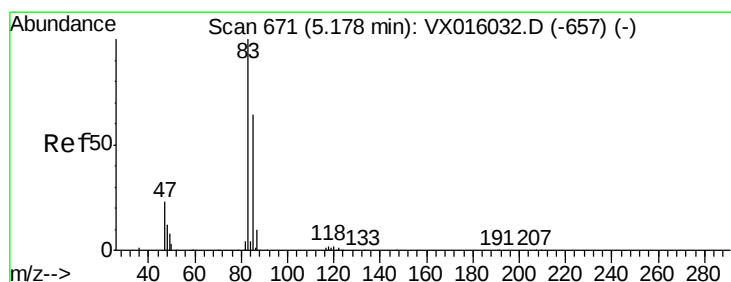
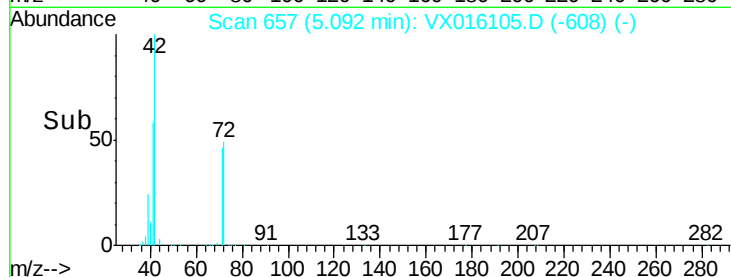
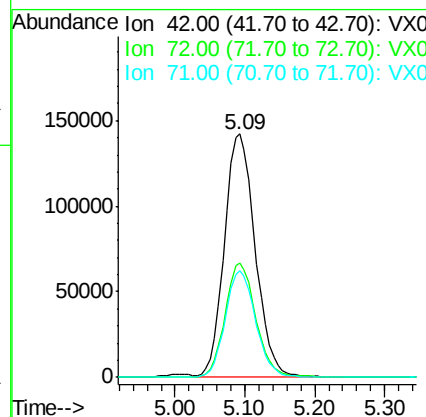
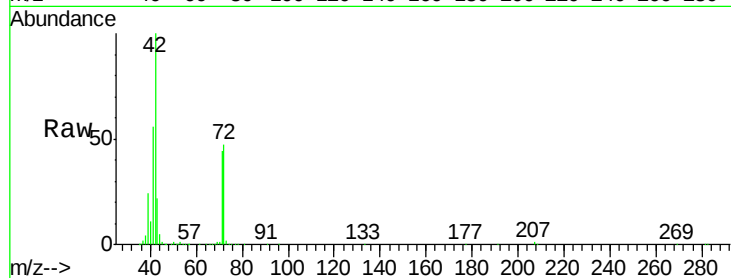
#29
Tetrahydrofuran
Concen: 248.454 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ratio	Resp	Lower	Upper
42	100	433701		
72	47.1		37.1	55.7
71	43.1		34.5	51.7

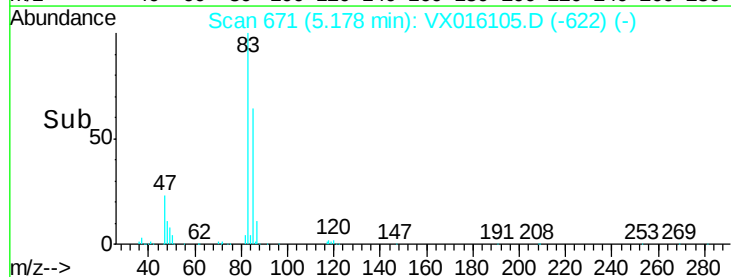
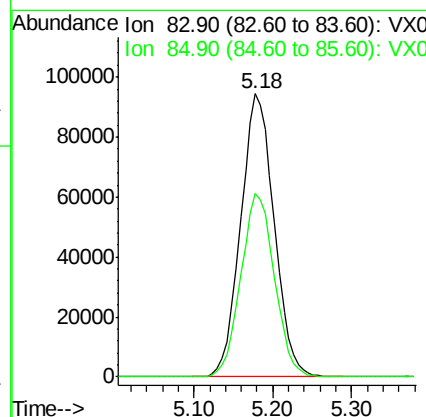
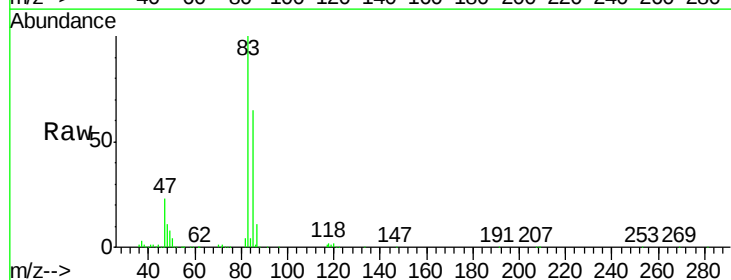
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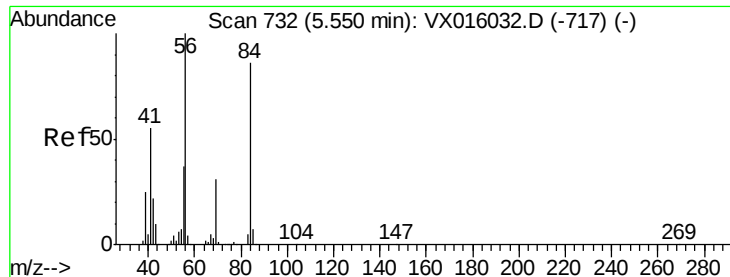
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#30
Chloroform
Concen: 49.937 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	278480		
85	65.0		51.6	77.4





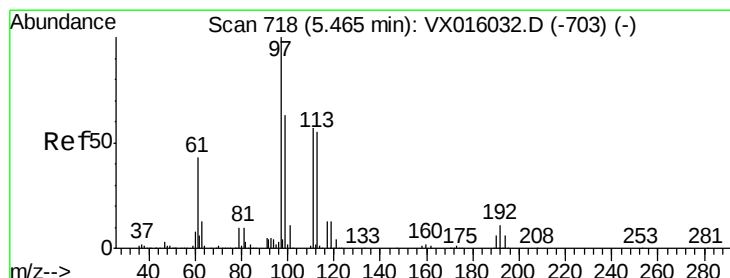
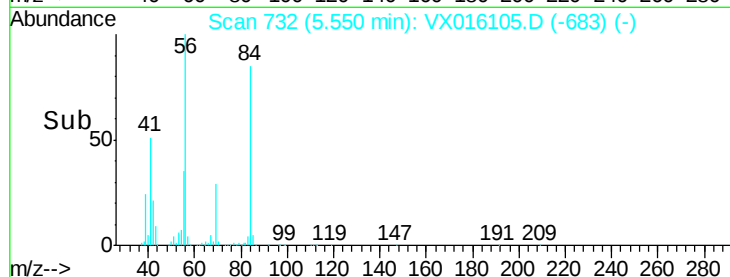
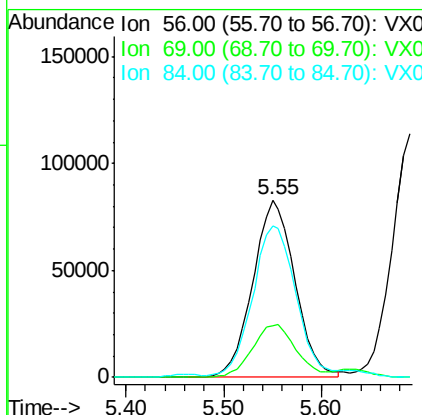
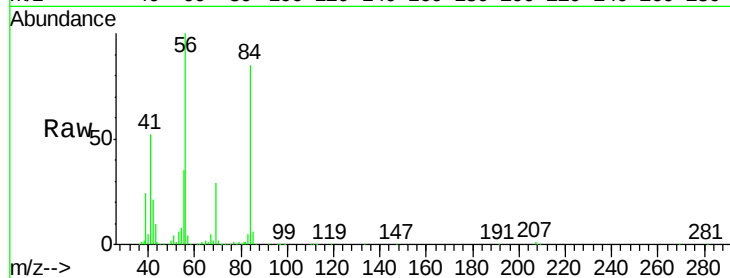
#31
Cyclohexane
Concen: 48.721 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.0	37.6
84	83.4	69.0	103.6

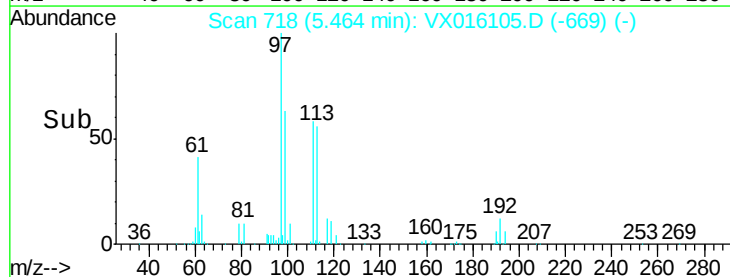
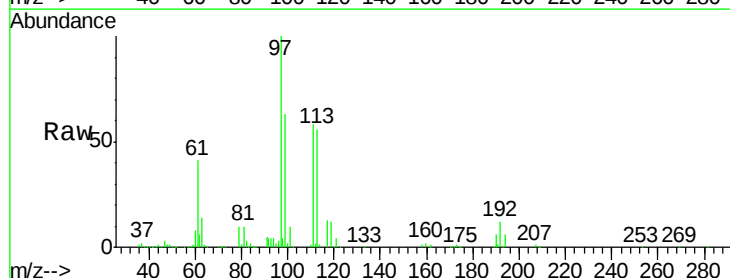
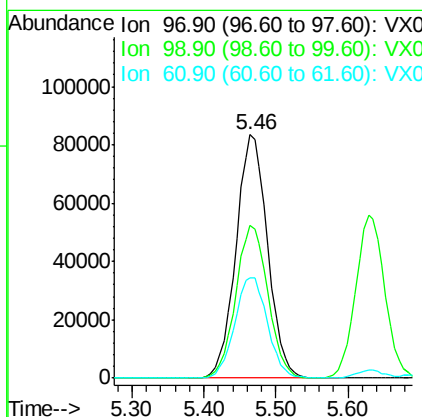
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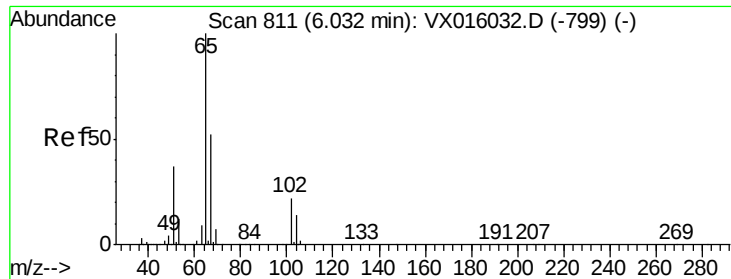
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.091 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	42.8	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 48.045 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 65 Resp: 176042

Ion Ratio Lower Upper

65 100

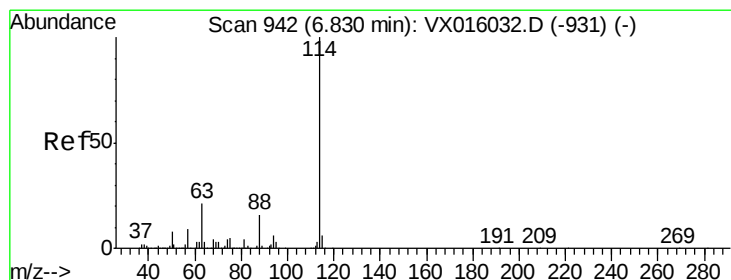
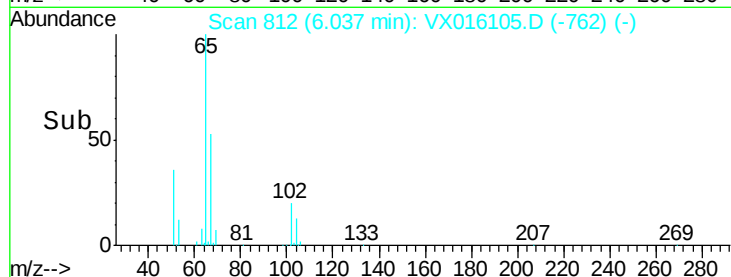
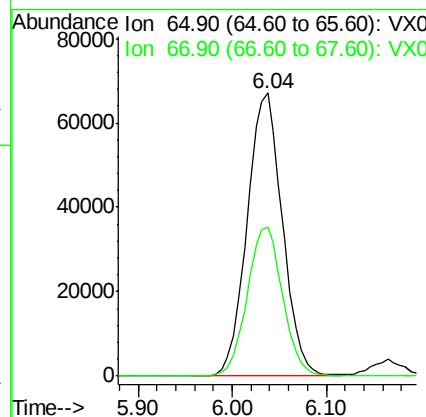
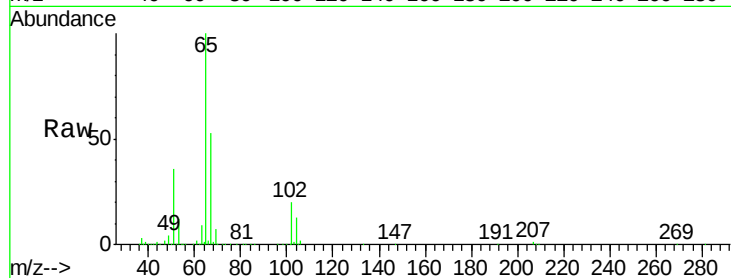
67 53.0 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

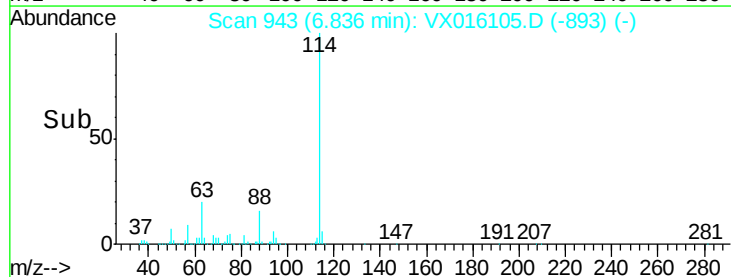
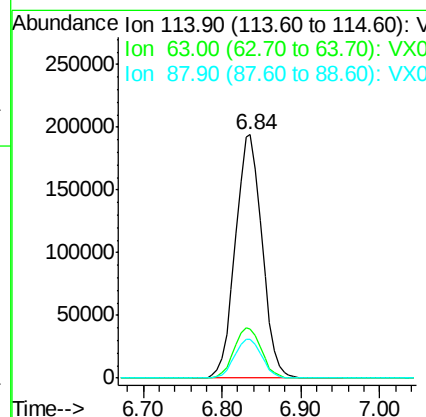
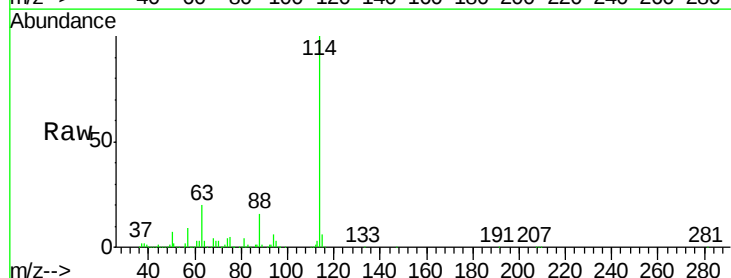
Tgt Ion: 114 Resp: 458062

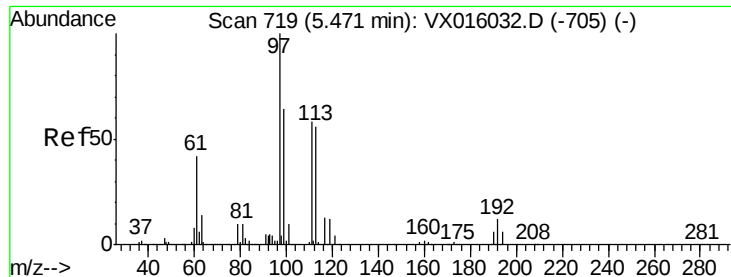
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.418 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

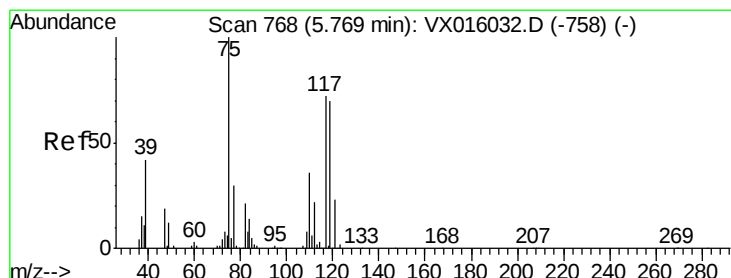
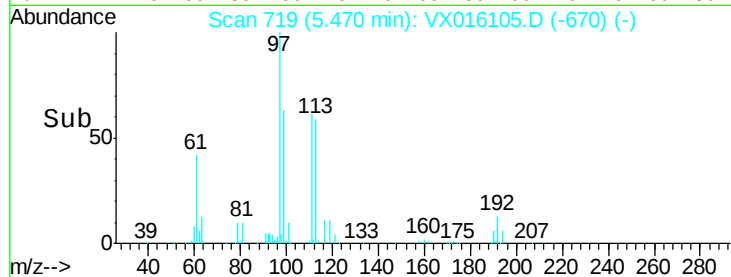
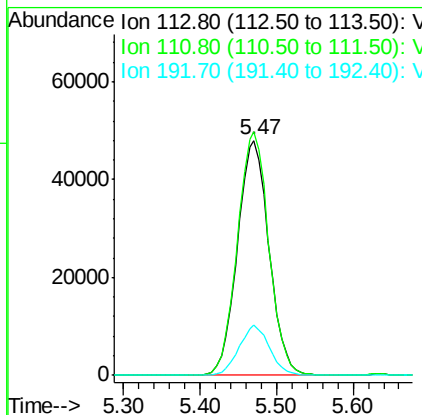
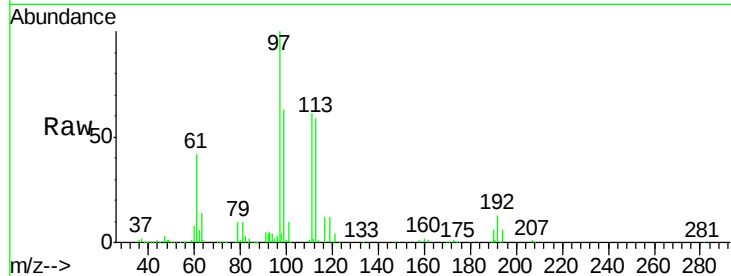
ClientSampleId :

SS038RW151-200503MS

Tot Ion:	113	Resp:	137609
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.6	122.4
192	20.7	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 46.726 ug/l

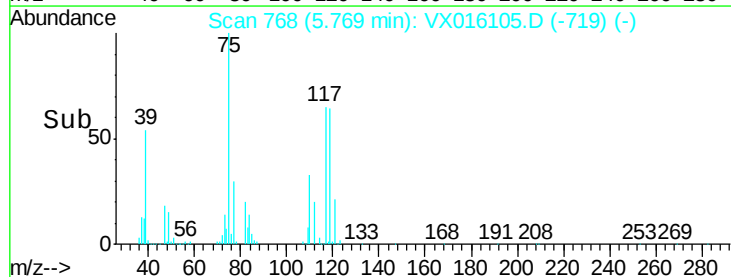
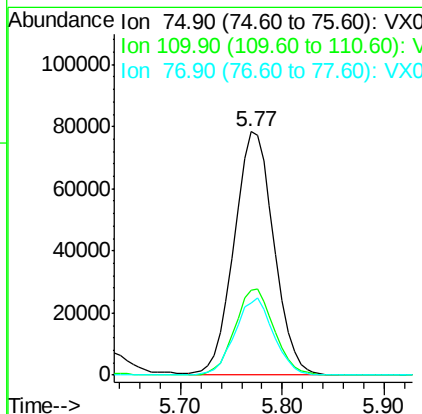
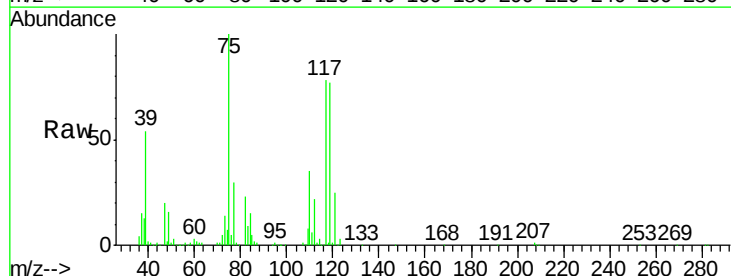
RT: 5.77 min Scan# 768

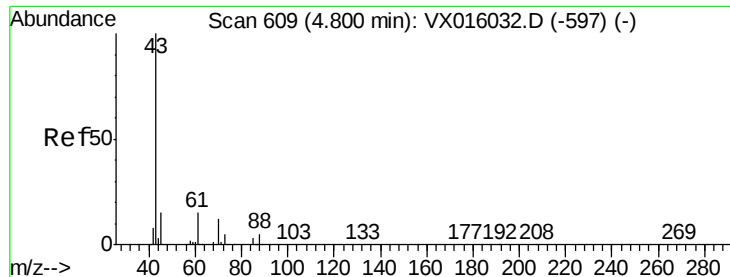
Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Tgt Ion:	75	Resp:	210688
Ion Ratio	Lower	Upper	
75	100		
110	35.1	18.1	54.1
77	31.0	25.0	37.6





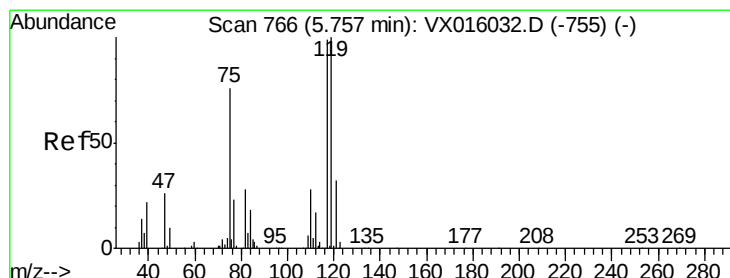
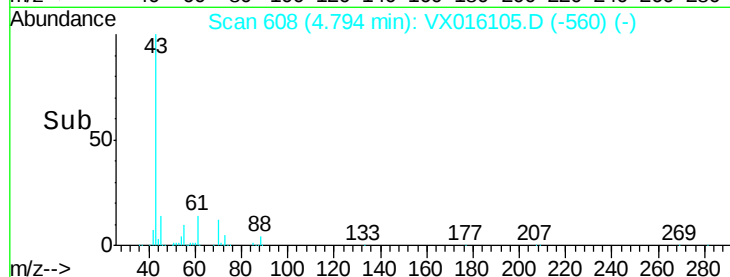
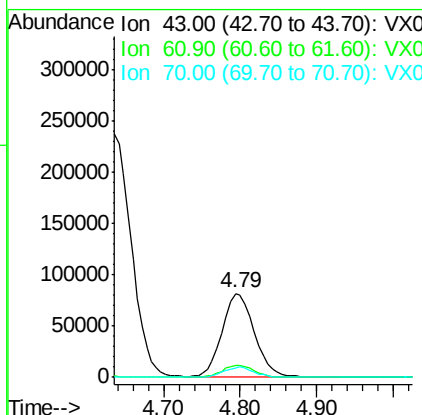
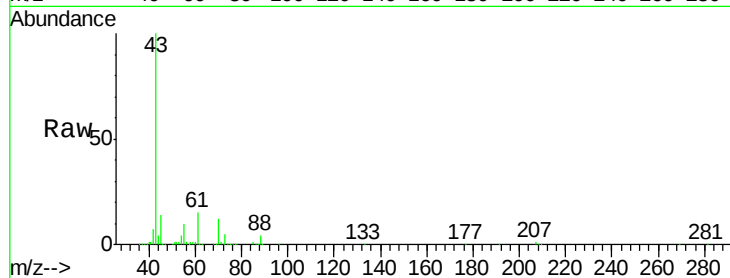
#37
Ethyl Acetate
Concen: 45.475 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	43	Resp	237654
Ion Ratio	100	Lower	Upper
43	100		
61	14.5	11.7	17.5
70	11.7	9.3	13.9

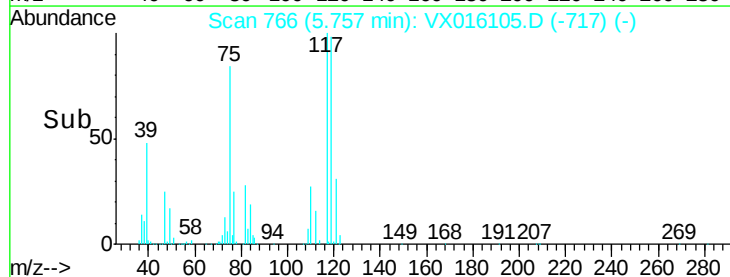
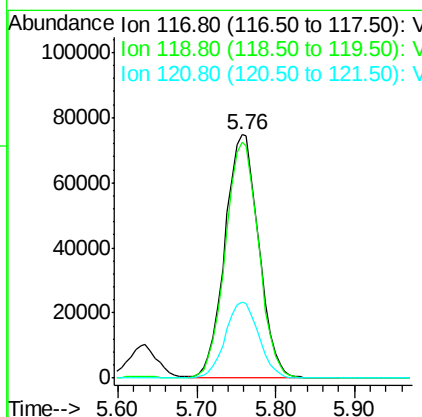
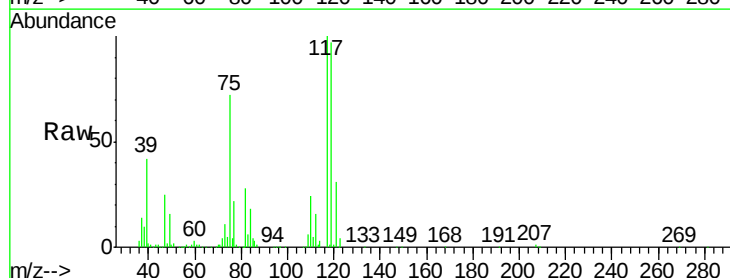
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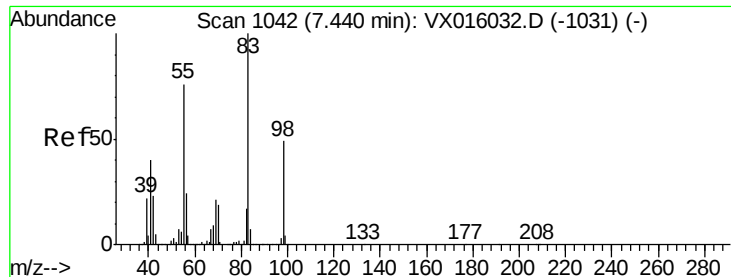
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#38
Carbon Tetrachloride
Concen: 48.634 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	117	Resp	222891
Ion Ratio	100	Lower	Upper
117	100		
119	96.9	80.3	120.5
121	31.2	25.7	38.5





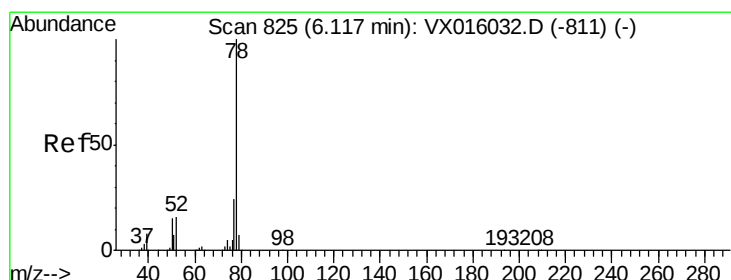
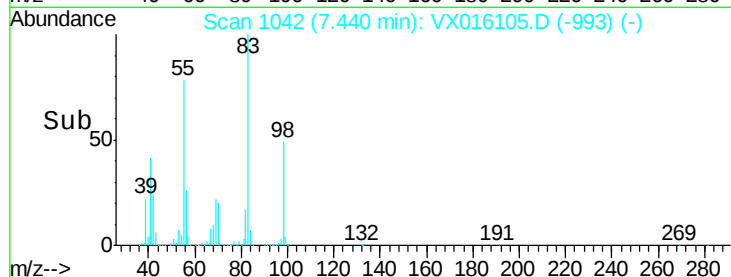
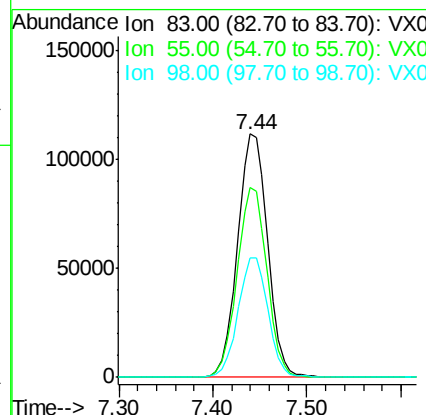
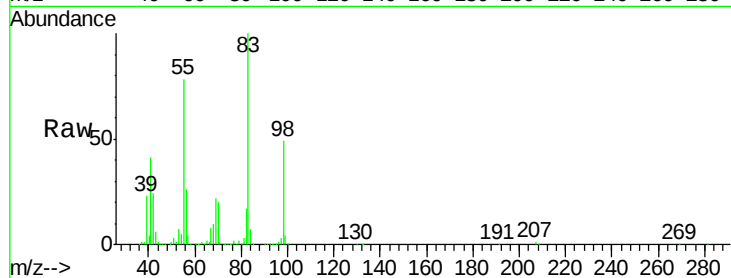
#39
Methvlcvclohexane
Concen: 45.671 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.1	91.7
98	49.3	39.0	58.4

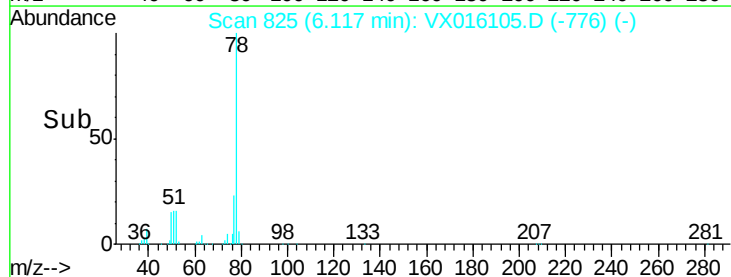
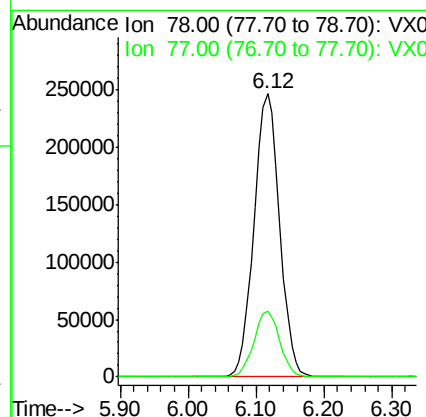
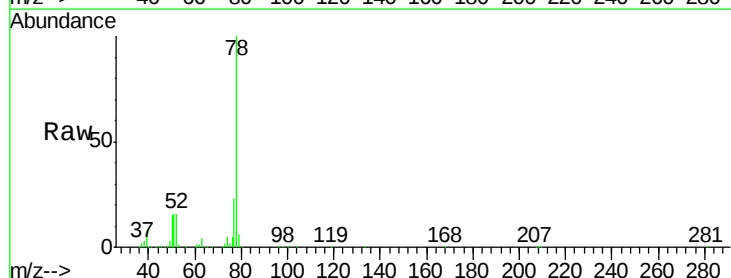
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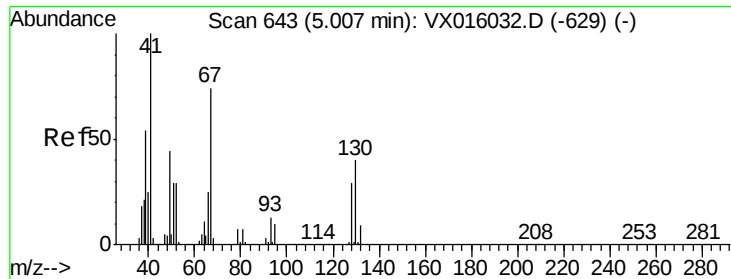
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#40
Benzene
Concen: 49.021 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





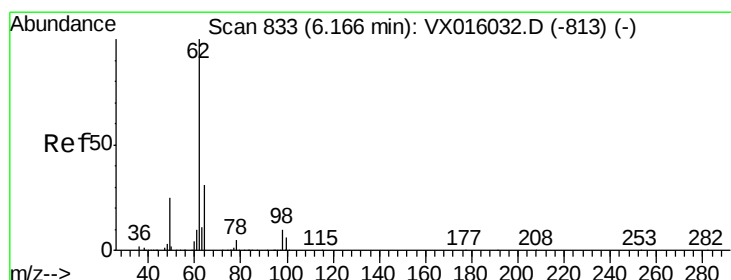
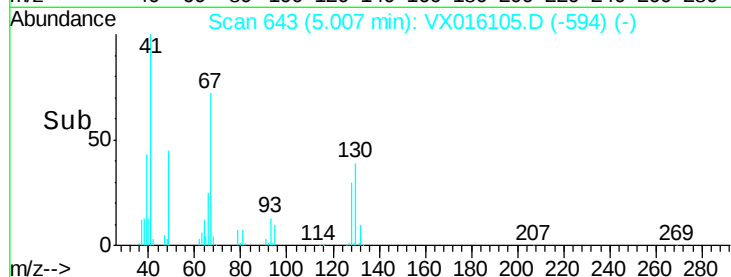
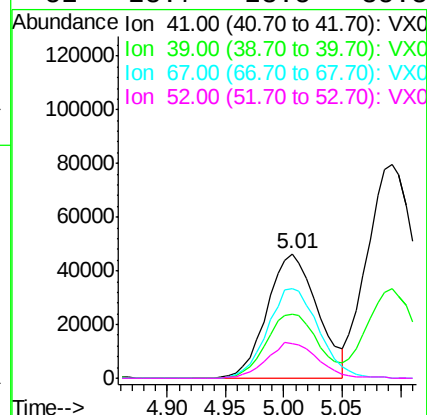
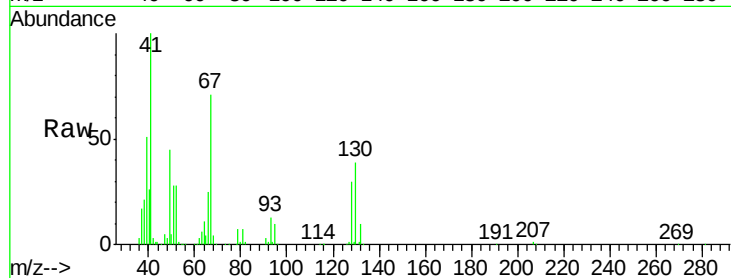
#41
Methacrylonitrile
Concen: 49.326 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ion	Ratio	Lower	Upper
139214	41	100		
	39	53.3	43.2	64.8
	67	73.6	59.3	88.9
	52	28.7	23.5	35.3

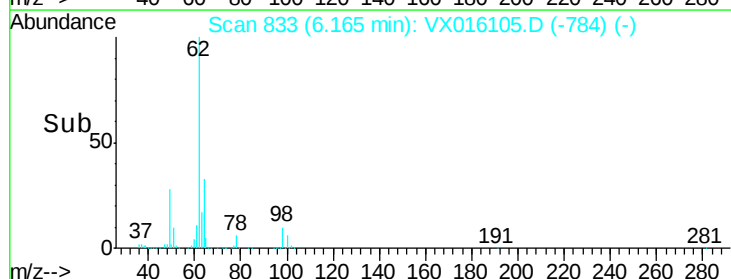
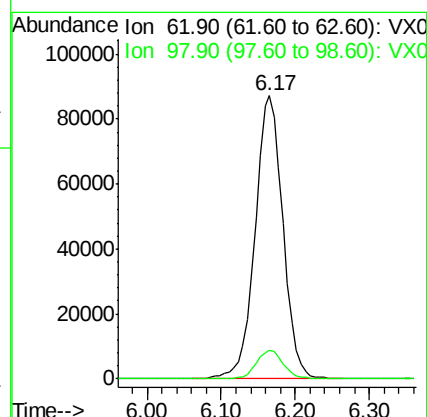
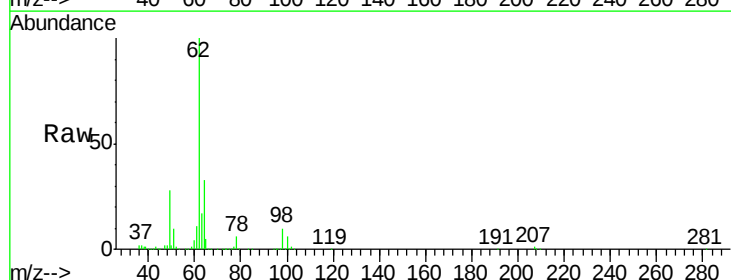
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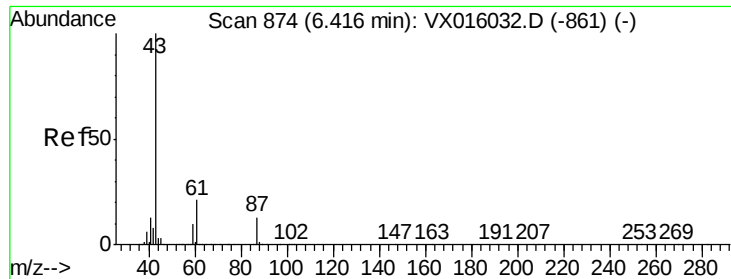
MMDadoda
5/8/2020 11:51:01 AM



#42
1,2-Dichloroethane
Concen: 48.077 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ion	Ratio	Lower	Upper
228491	62	100		
	98	9.8	0.0	19.4





#43

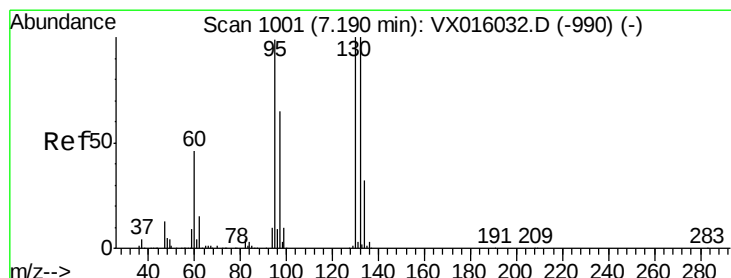
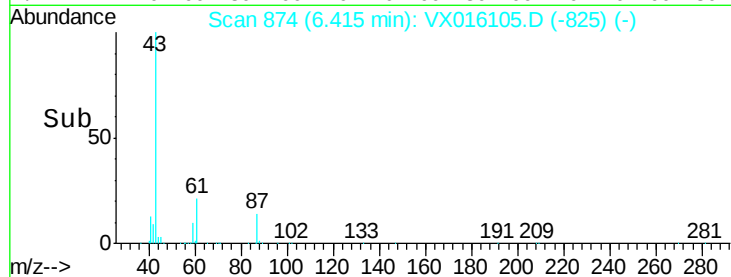
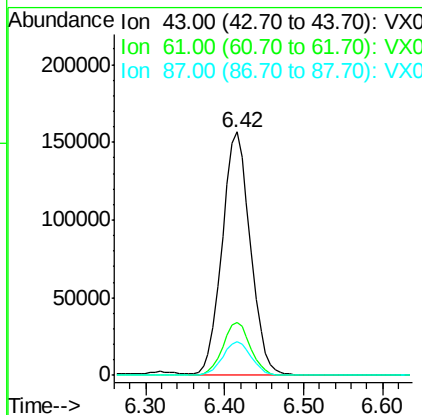
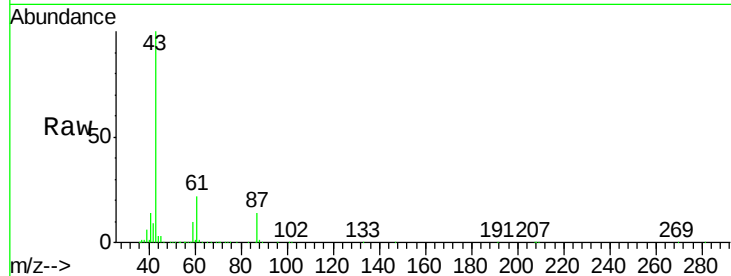
Isopropyl Acetate
 Concen: 46.613 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.0	25.4
87	13.9	11.0	16.6

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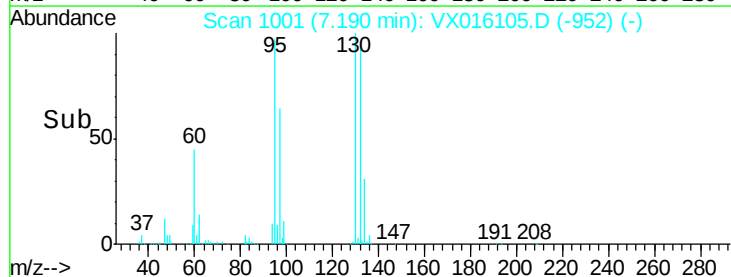
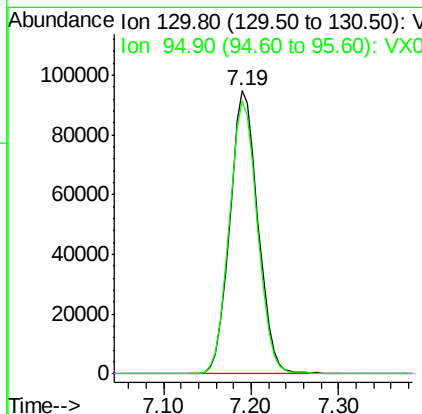
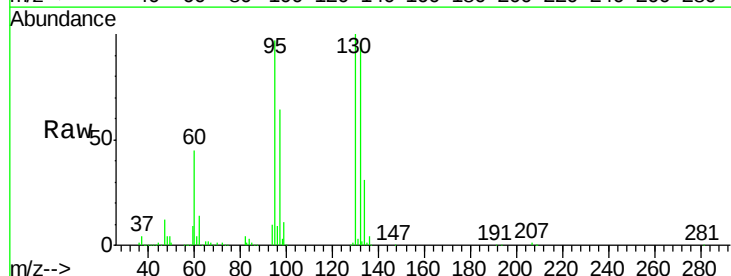
MMDadoda
 5/8/2020 11:51:01 AM

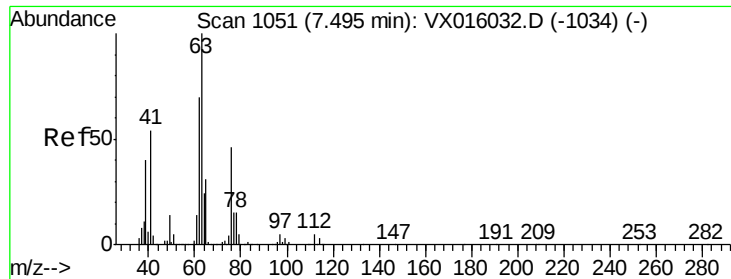


#44

Trichloroethene
 Concen: 45.164 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	197.4





#45

1,2-Dichloropropane

Concen: 50.563 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 63 Resp: 168795

Ion Ratio Lower Upper

63 100

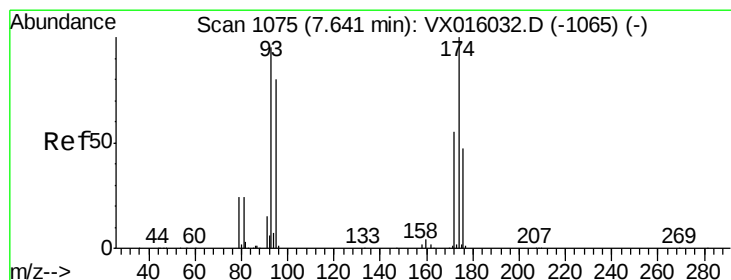
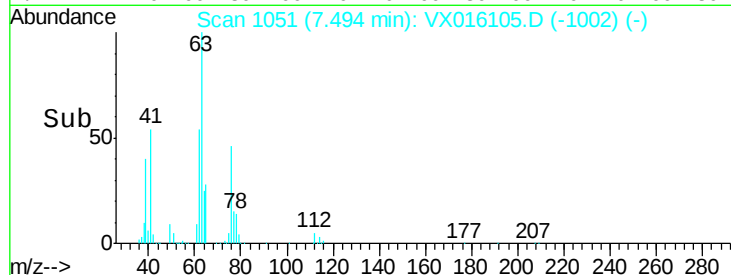
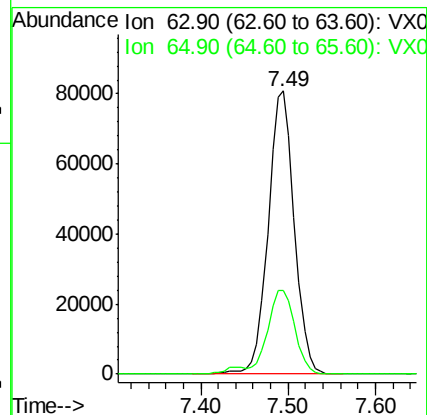
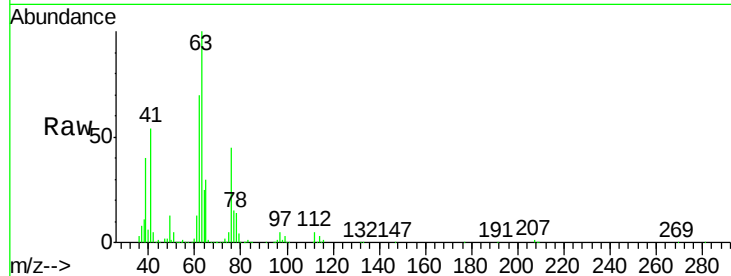
65 29.8 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 48.172 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

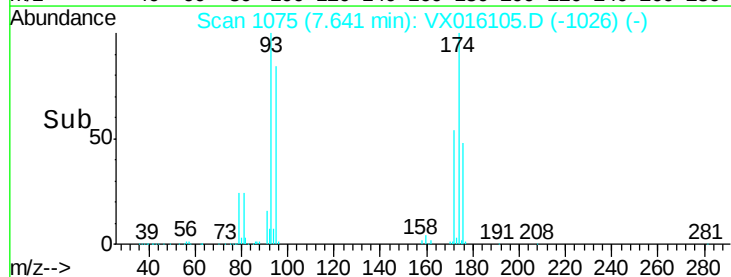
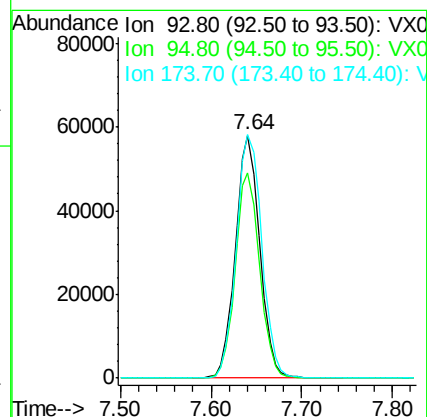
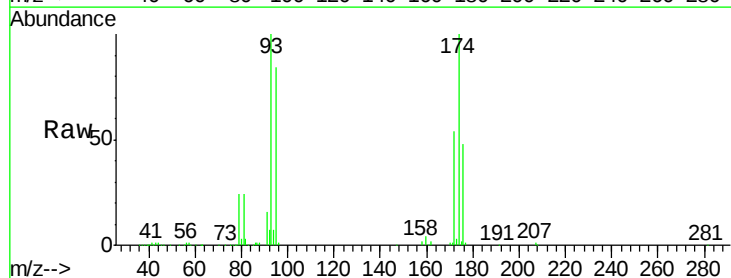
Tgt Ion: 93 Resp: 109283

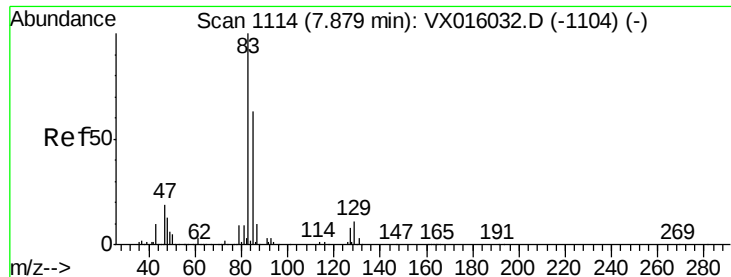
Ion Ratio Lower Upper

93 100

95 84.9 66.6 100.0

174 105.3 84.2 126.4





#47

Bromodichloromethane

Concen: 49.210 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

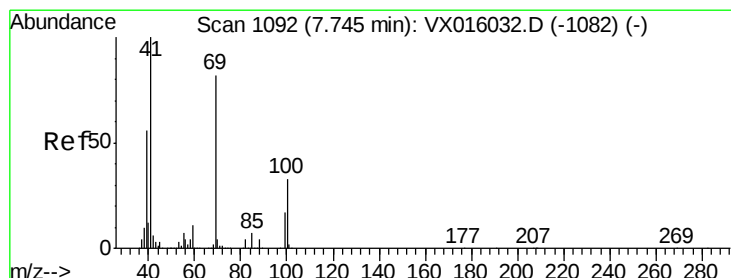
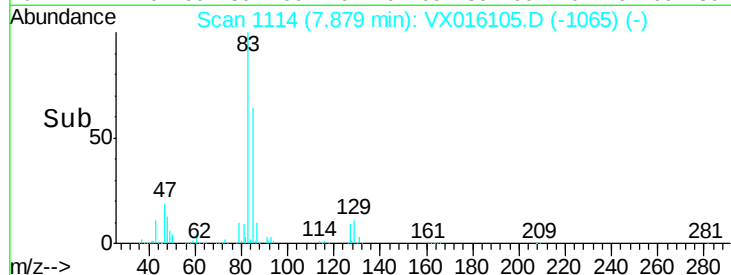
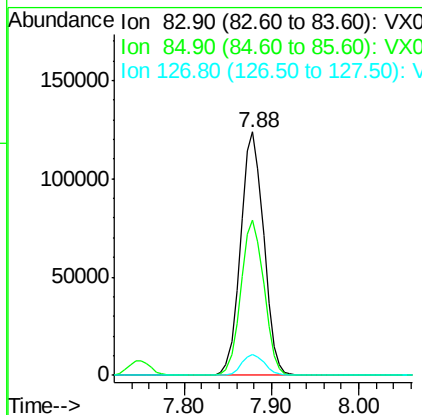
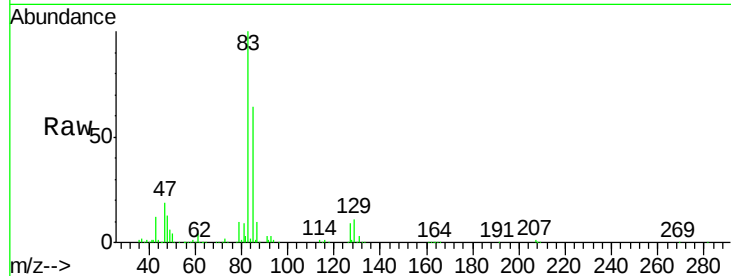
ClientSampleId :

SS038RW151-200503MS

Tot Ion:	83	Resp:	227367
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.5	75.7
127	8.8	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.343 ug/l

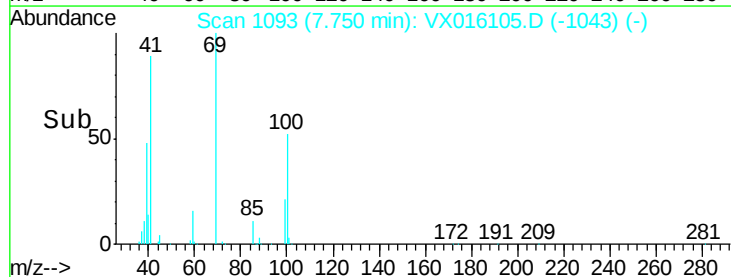
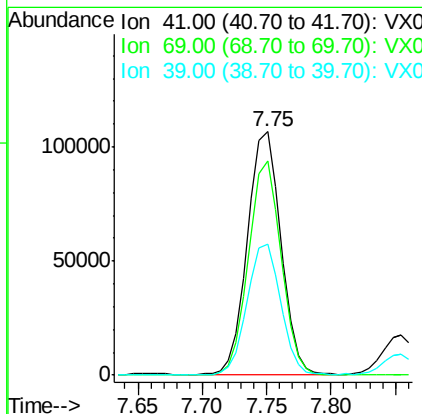
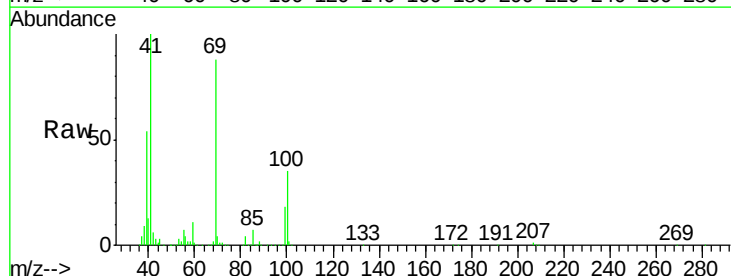
RT: 7.75 min Scan# 1093

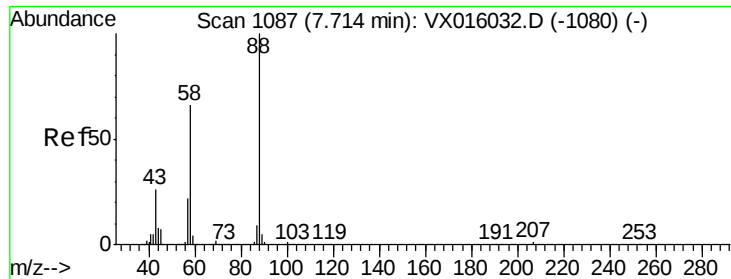
Delta R.T. 0.01 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Tgt Ion:	41	Resp:	191008
Ion Ratio	Lower	Upper	
41	100		
69	86.9	67.8	101.6
39	54.0	44.6	67.0





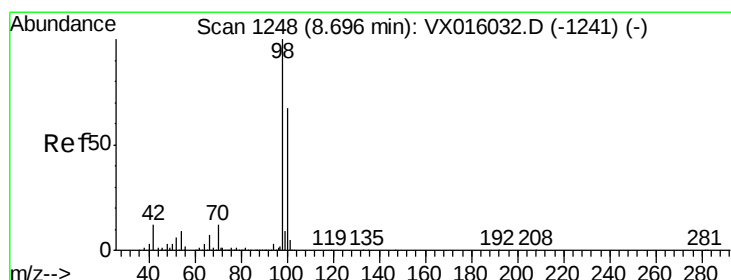
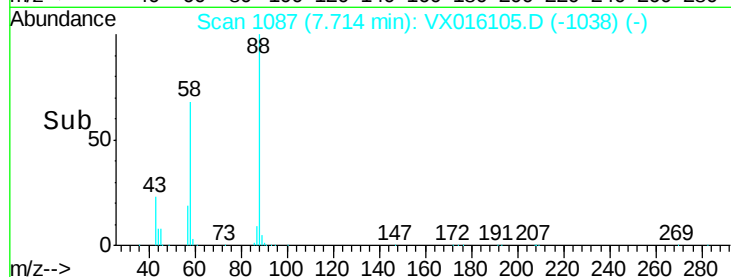
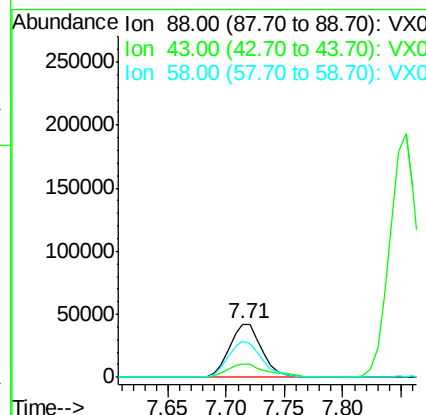
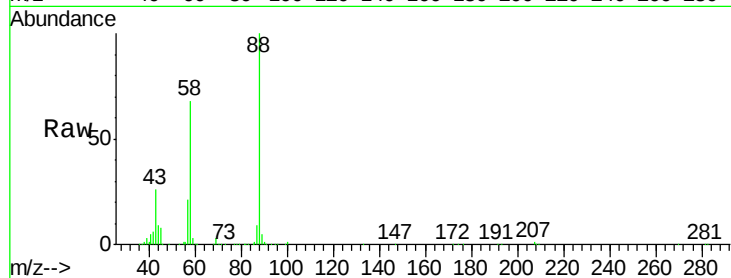
#49
1,4-Dioxane
Concen: 849.955 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.3	37.9
58	71.0	55.9	83.9

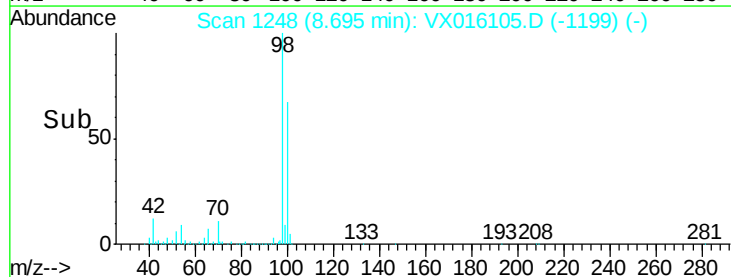
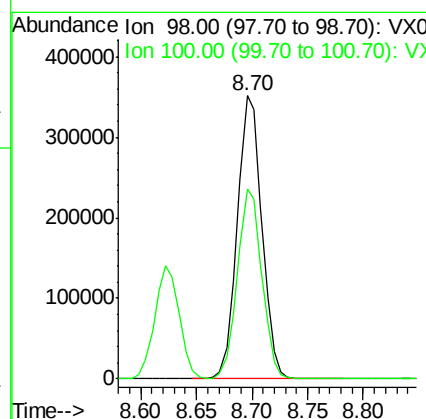
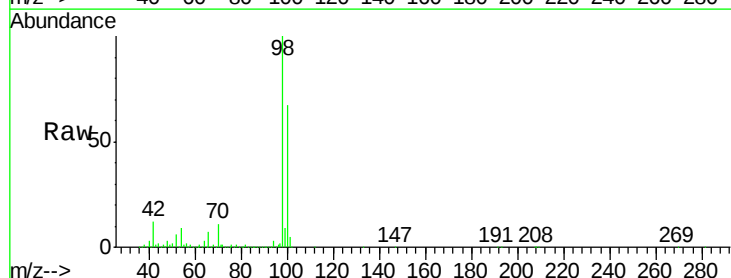
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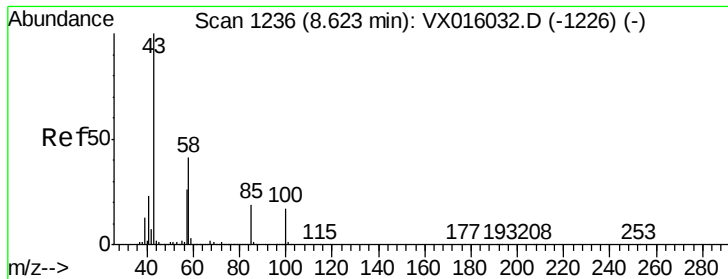
MMDadoda
5/8/2020 11:51:01 AM



#50
Toluene-d8
Concen: 47.914 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 249.126 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 43 Resp: 1271182

Ion Ratio Lower Upper

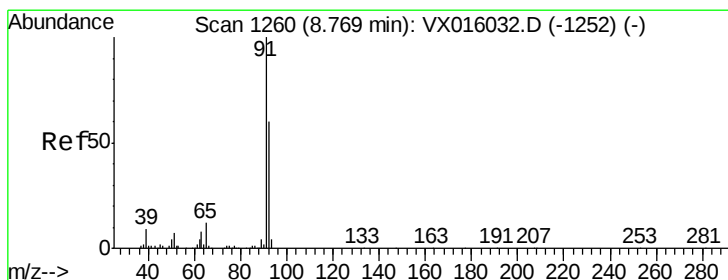
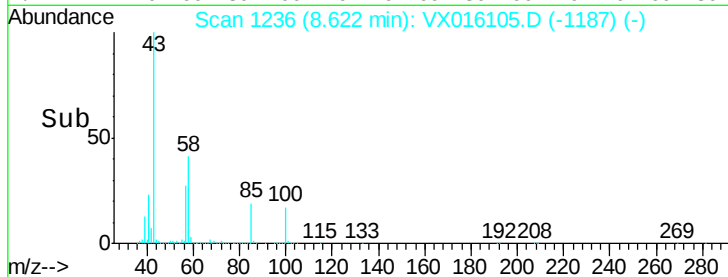
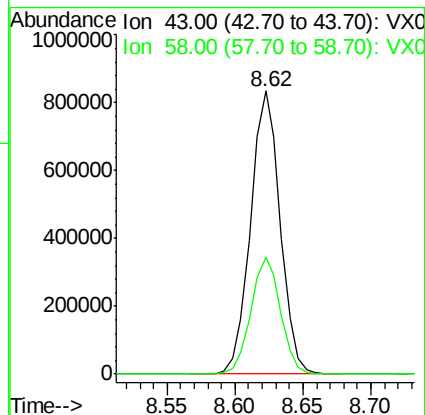
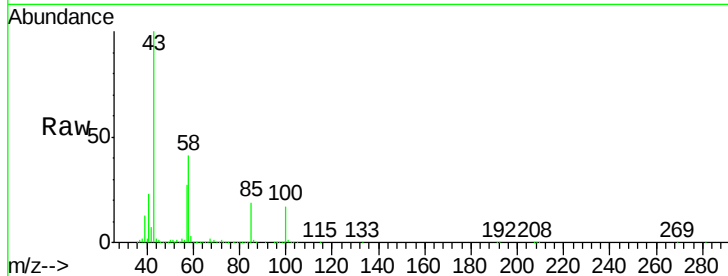
43 100

58 41.4 33.0 49.4

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#52

Toluene

Concen: 49.040 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016105.D

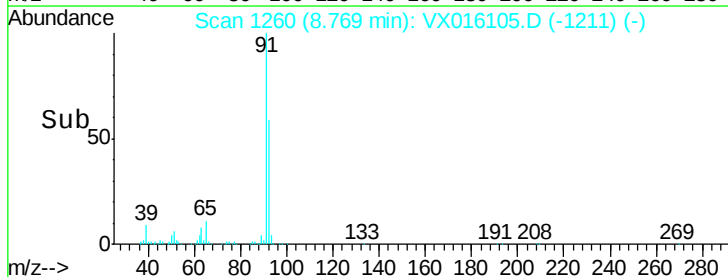
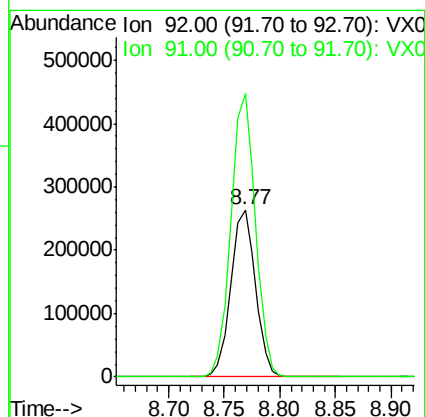
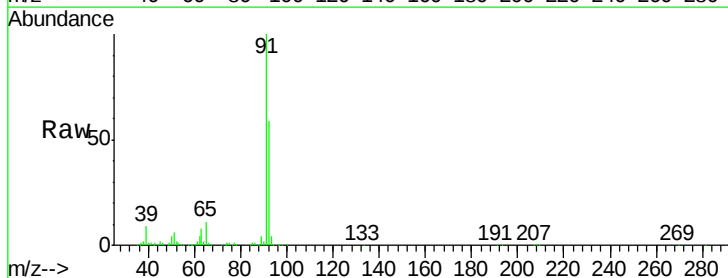
Acq: 07 May 2020 19:28

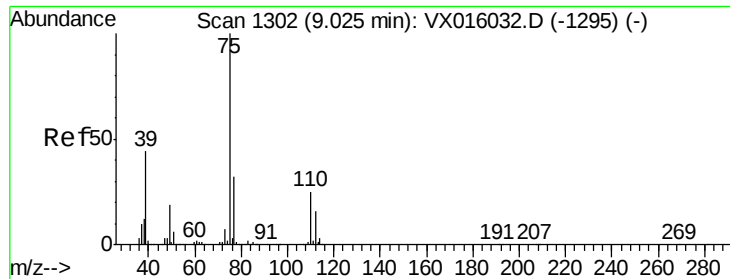
Tgt Ion: 92 Resp: 403278

Ion Ratio Lower Upper

92 100

91 168.4 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 47.501 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 75 Resp: 261675

Ion Ratio Lower Upper

75 100

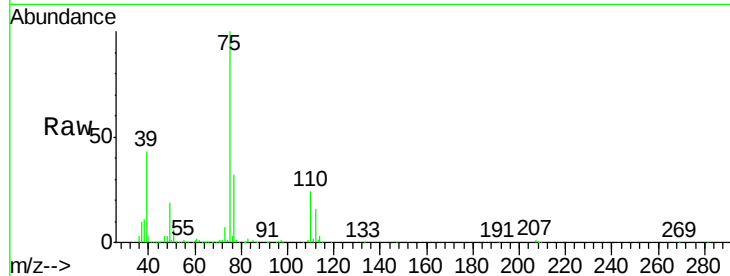
77 31.9 25.7 38.5

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

150000

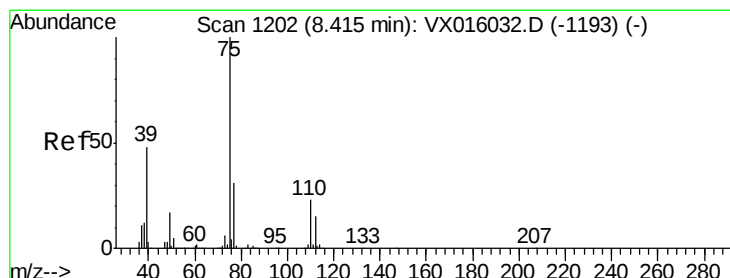
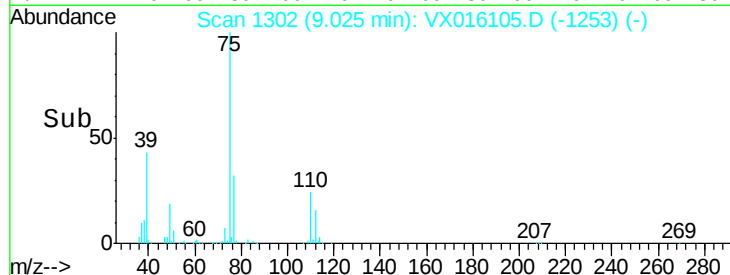
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.306 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

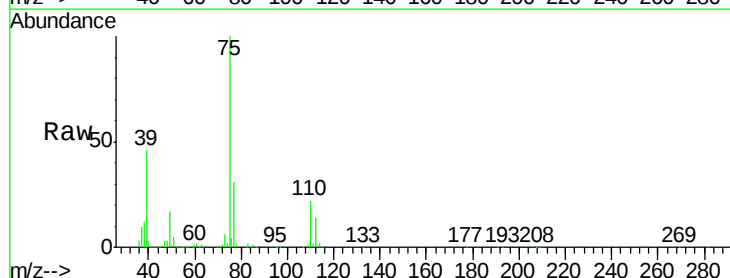
Tgt Ion: 75 Resp: 272201

Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

39 46.3 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

200000

150000

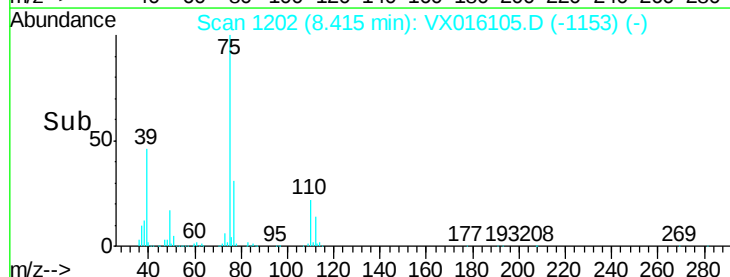
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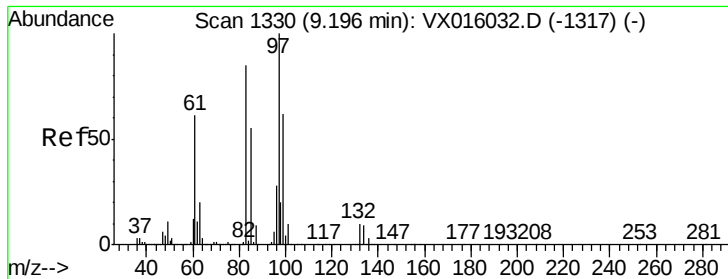
50000

0

8.30 8.40 8.50

Time-->





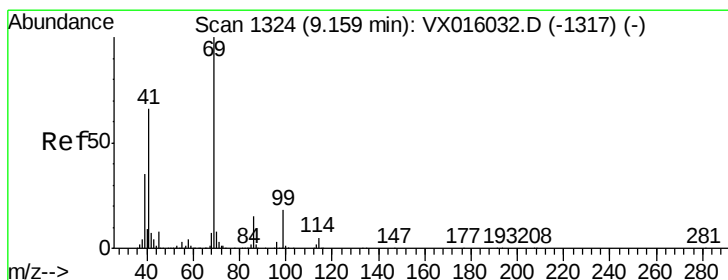
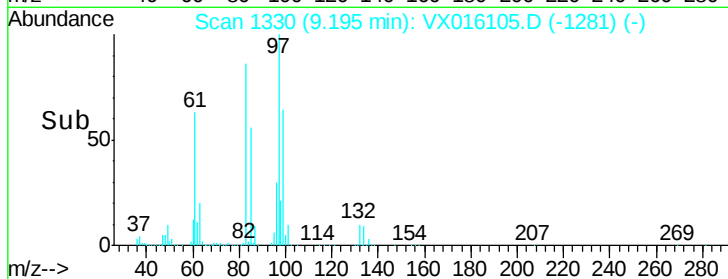
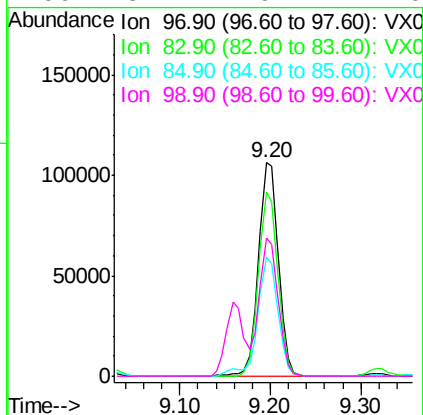
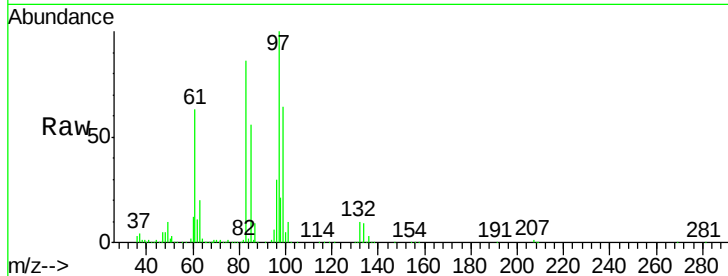
#55
 1,1,2-Trichloroethane
 Concen: 50.160 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		162288		
83	86.5	67.8	101.8		
85	55.5	43.8	65.8		
99	64.4	49.4	74.0		

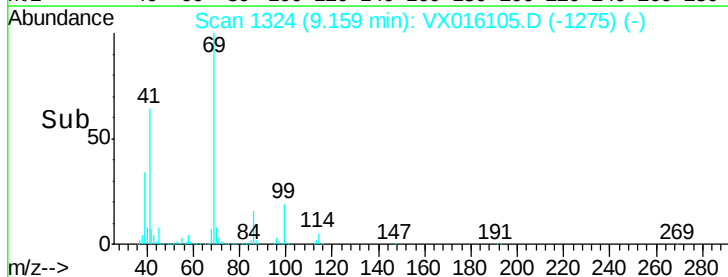
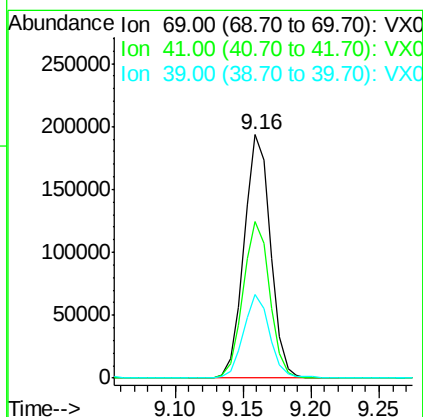
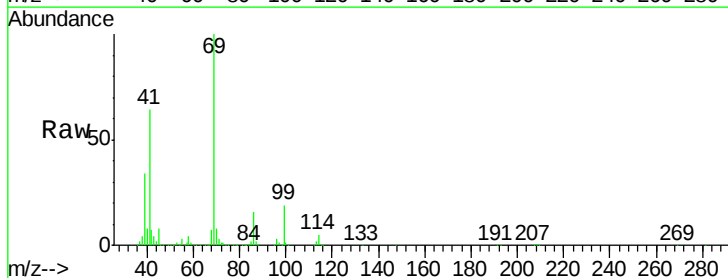
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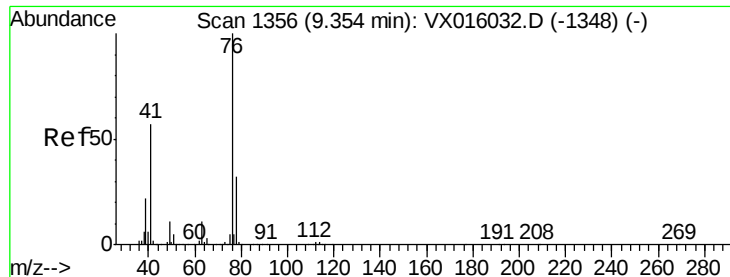
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#56
 Ethyl methacrylate
 Concen: 49.820 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		263110		
41	64.5	52.2	78.4		
39	34.2	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 49.413 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 76 Resp: 278957

Ion Ratio Lower Upper

76 100

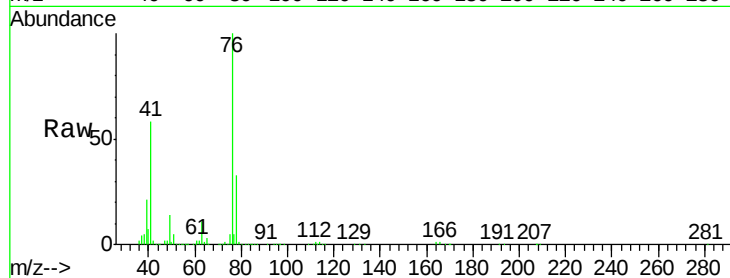
78 32.5 25.9 38.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

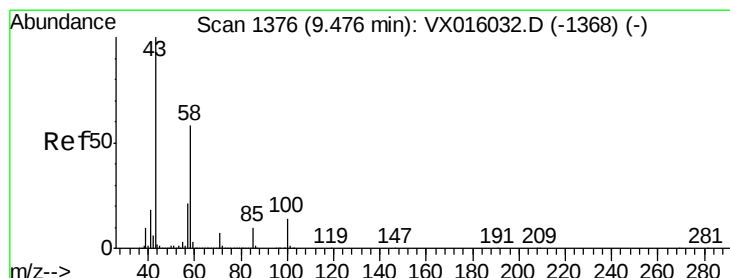
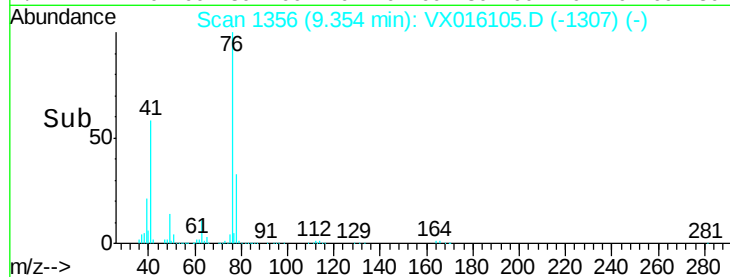
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 246.867 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016105.D

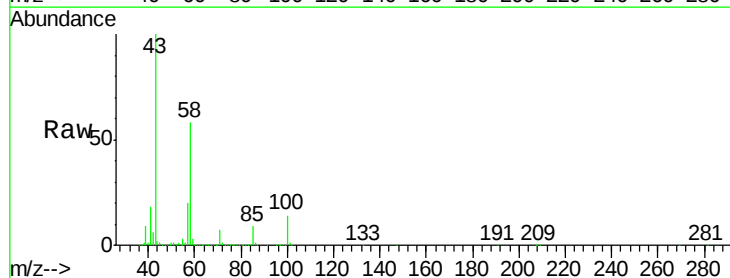
Acq: 07 May 2020 19:28

Tgt Ion: 43 Resp: 989237

Ion Ratio Lower Upper

43 100

58 58.3 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

800000

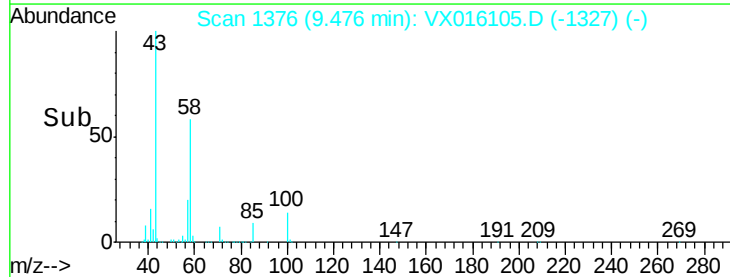
600000

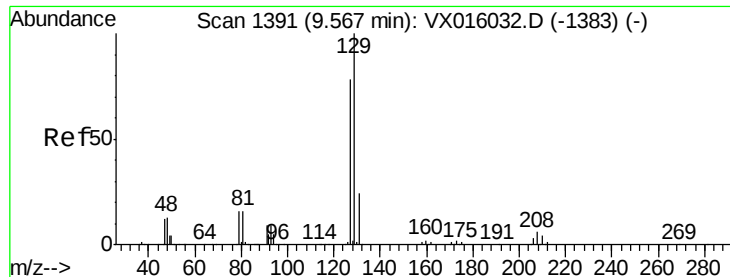
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 51.152 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion:129 Resp: 182270

Ion Ratio Lower Upper

129 100

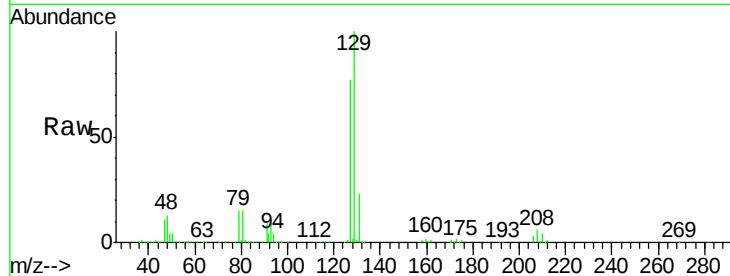
127 76.3 38.4 115.2

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

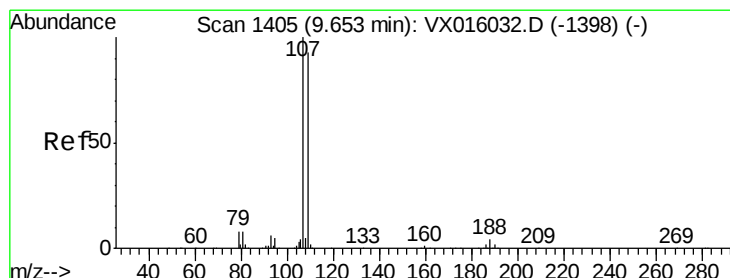
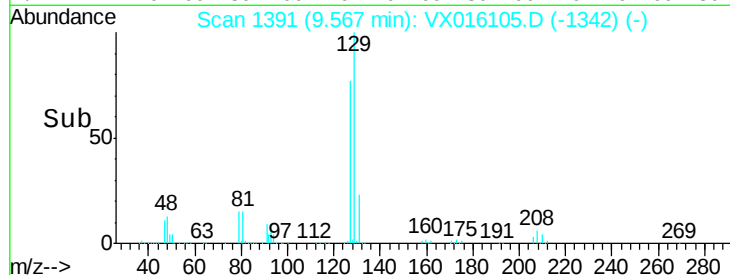
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.061 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016105.D

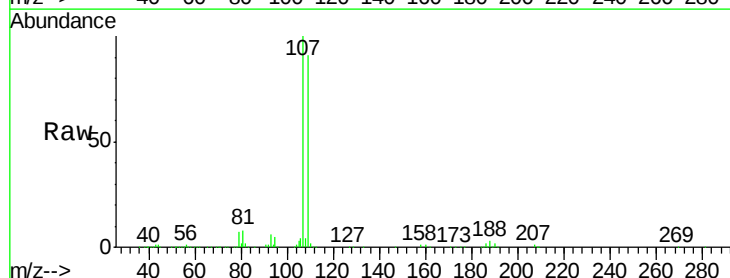
Acq: 07 May 2020 19:28

Tgt Ion:107 Resp: 175439

Ion Ratio Lower Upper

107 100

109 93.0 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

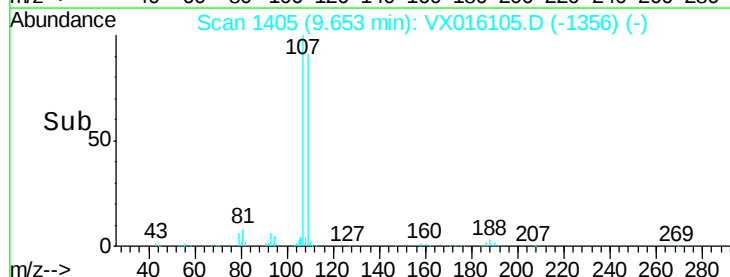
9.65

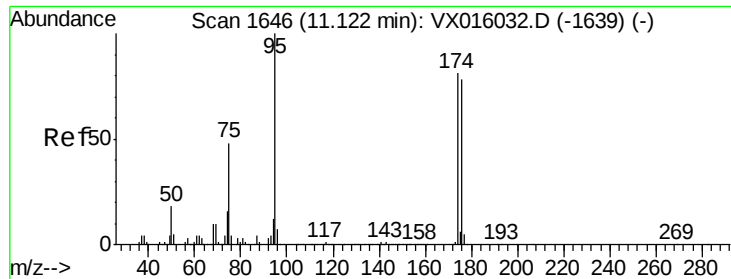
100000

50000

0

Time-->





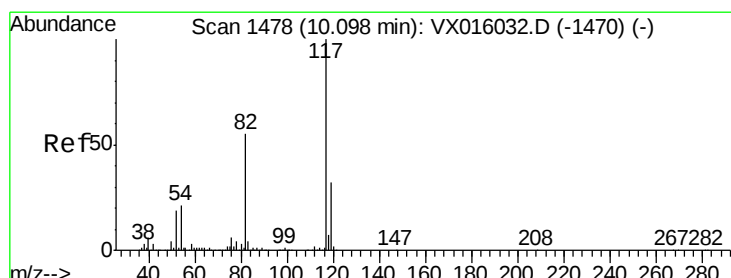
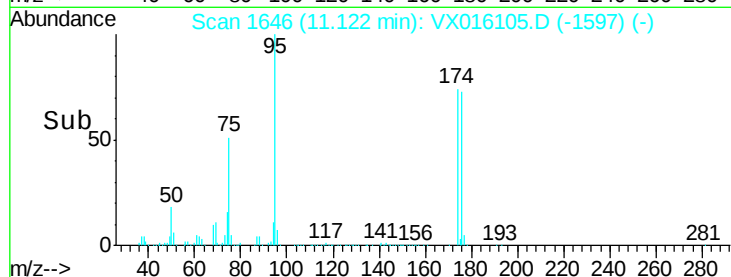
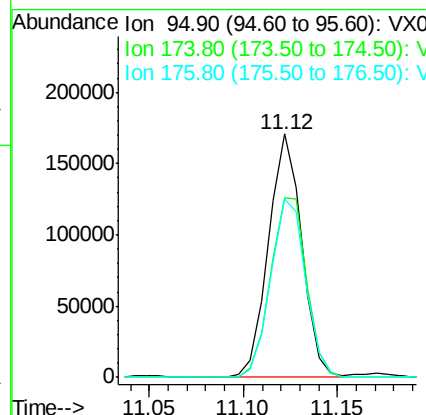
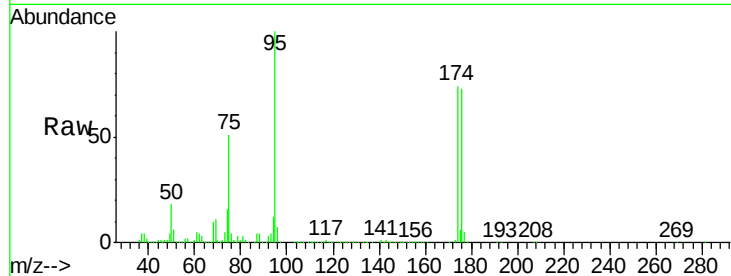
#62
4-Bromofluorobenzene
Concen: 49.083 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	208751		
174	80.1	0.0	159.4	
176	76.7	0.0	157.6	

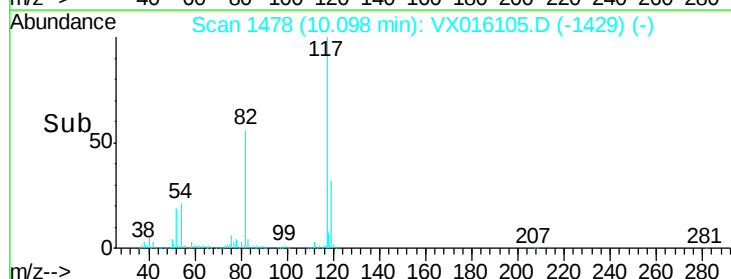
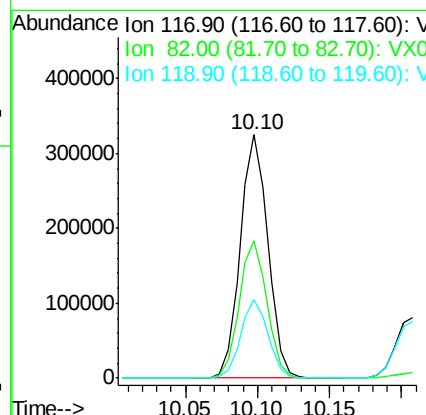
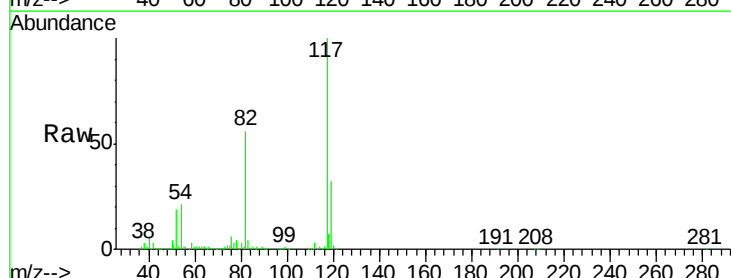
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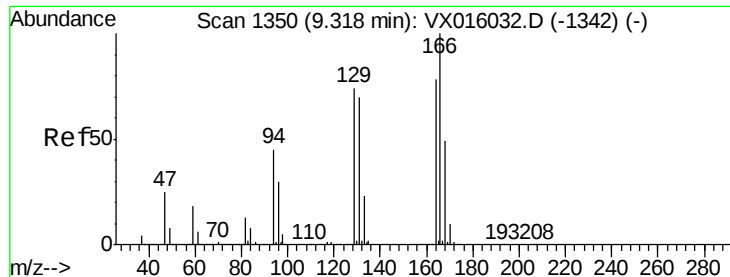
MMDadoda
5/8/2020 11:51:01 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	433812		
82	56.2	44.4	66.6	
119	32.1	25.5	38.3	





#64

Tetrachloroethene

Concen: 45.354 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion:164 Resp: 241536

Ion Ratio Lower Upper

164 100

166 125.8 102.9 154.3

129 93.4 76.1 114.1

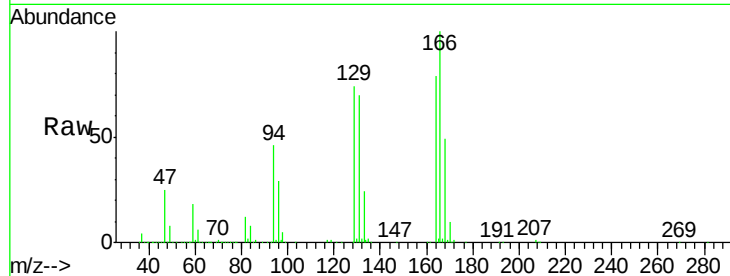
131 88.5 71.9 107.9

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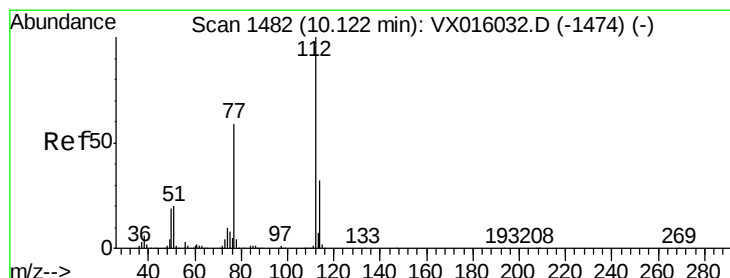
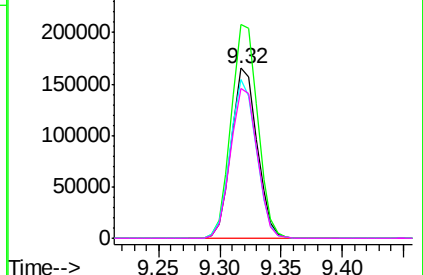
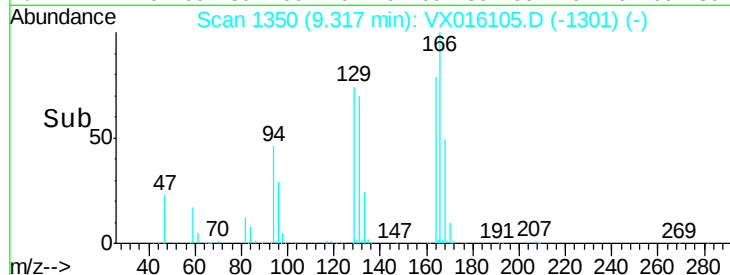
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

9.32



#65

Chlorobenzene

Concen: 101.186 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016105.D

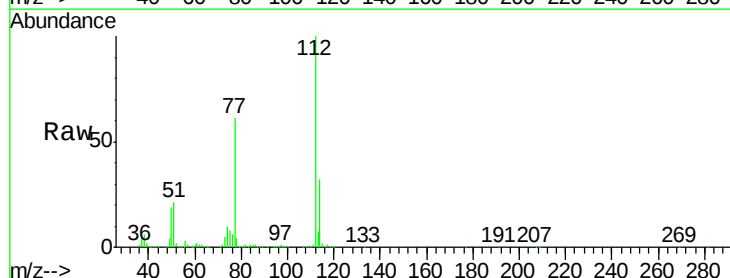
Acq: 07 May 2020 19:28

Tgt Ion:112 Resp: 919122

Ion Ratio Lower Upper

112 100

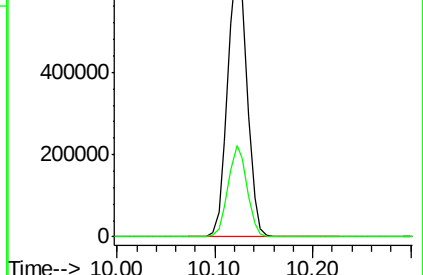
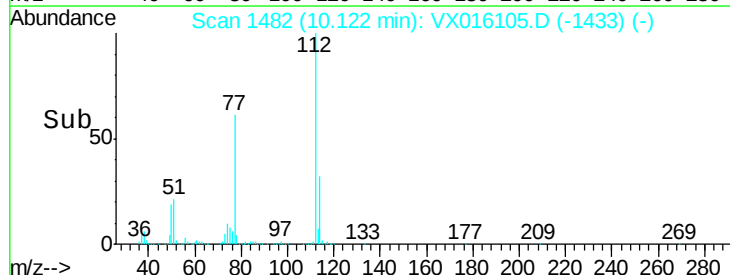
114 32.1 25.7 38.5

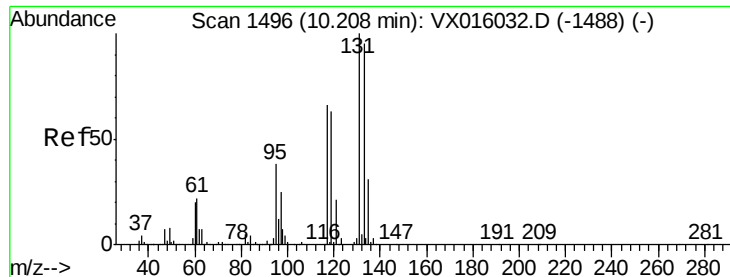


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12





#66

1,1,1,2-Tetrachloroethane

Concen: 48.258 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

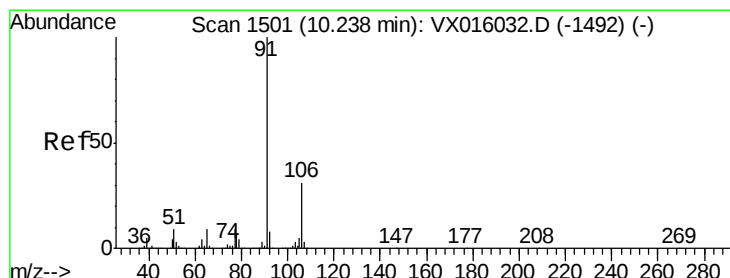
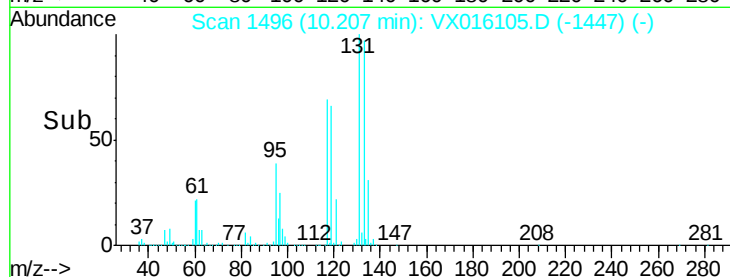
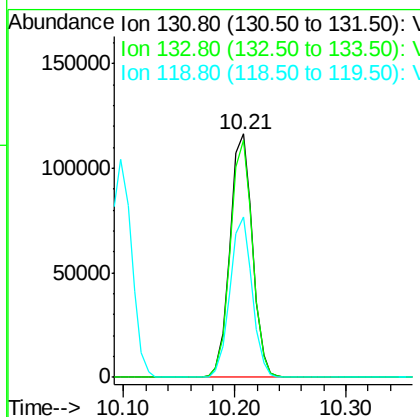
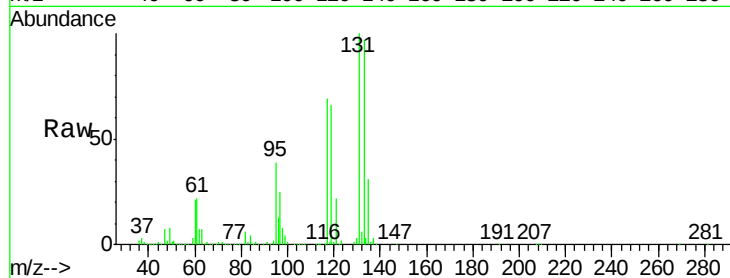
ClientSampleId :

SS038RW151-200503MS

Tot Ion:	131	Resp:	162021
Ion Ratio	Lower	Upper	
131	100		
133	96.5	48.3	144.8
119	64.9	32.3	96.9

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#67

Ethyl Benzene

Concen: 47.724 ug/l

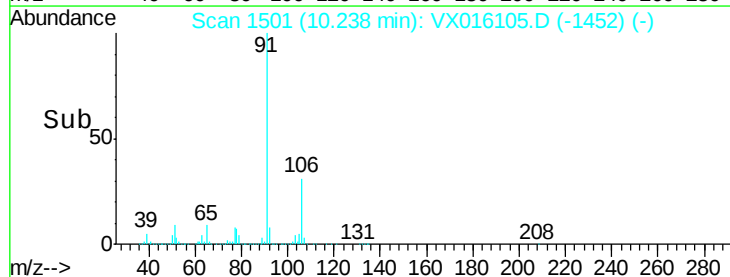
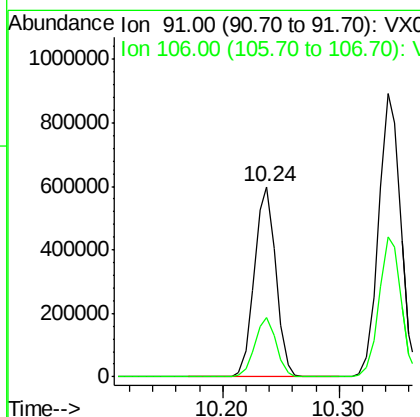
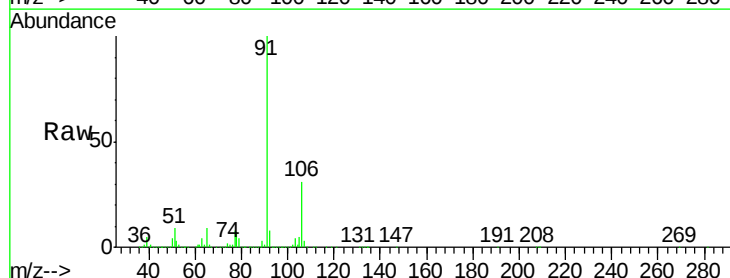
RT: 10.24 min Scan# 1501

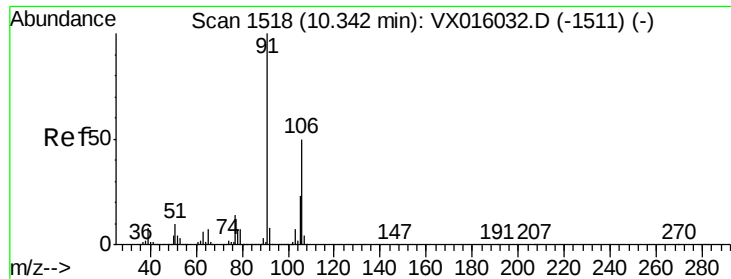
Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Tgt Ion:	91	Resp:	773475
Ion Ratio	Lower	Upper	
91	100		
106	31.5	25.1	37.7





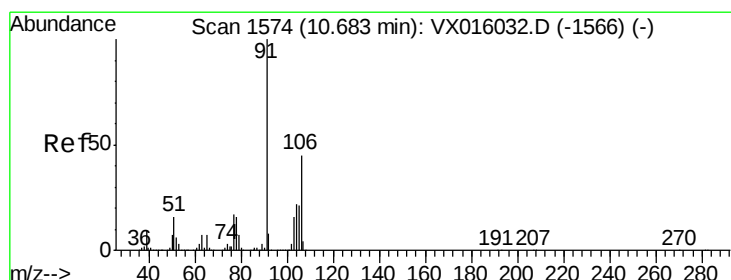
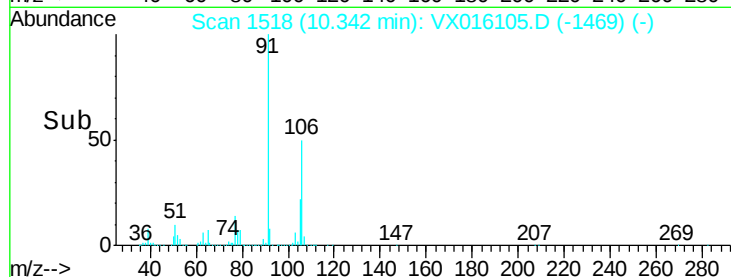
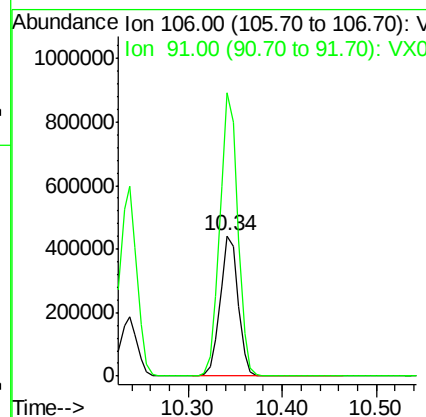
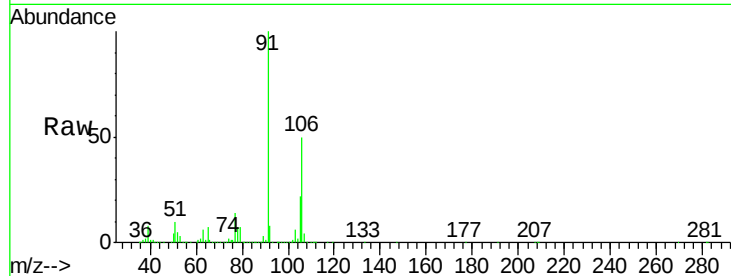
#68
m/p-Xylenes
Concen: 96.088 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		583474		
91	201.5	161.7	242.5		

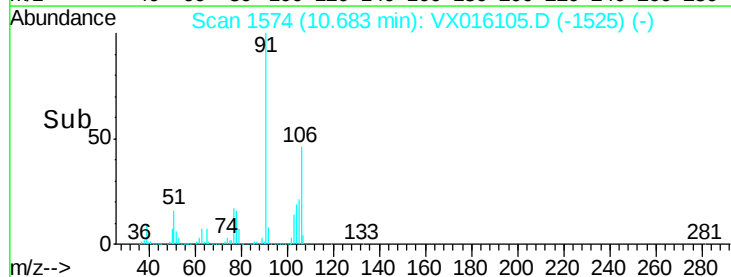
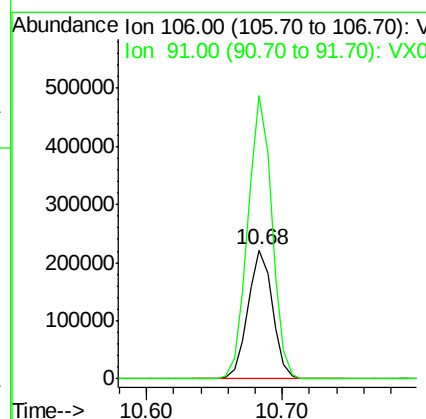
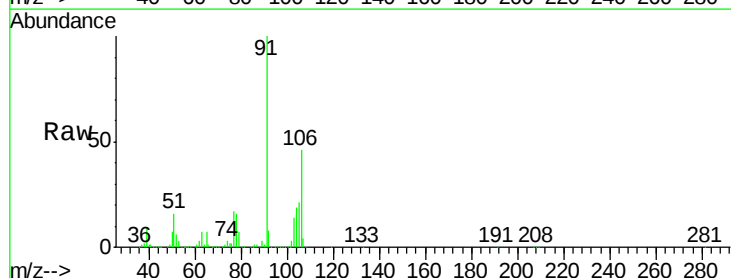
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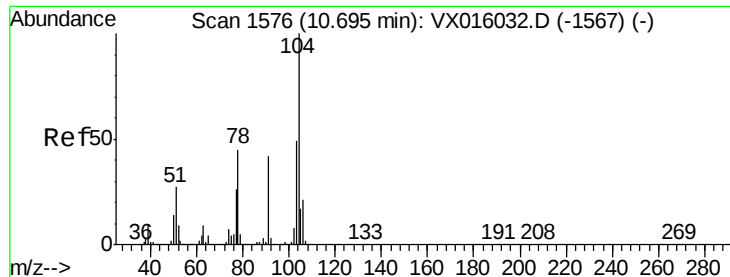
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#69
o-Xylene
Concen: 48.090 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		280698		
91	215.0	107.5	322.6		





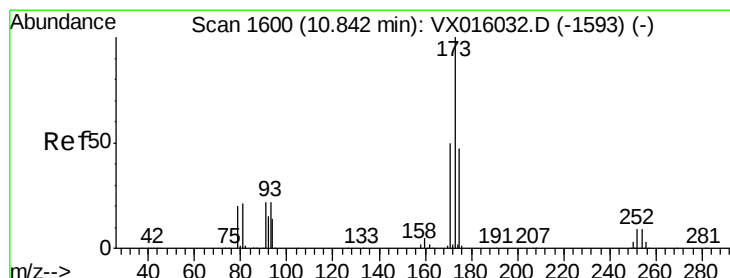
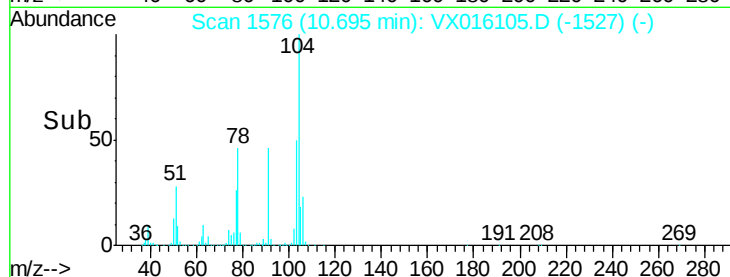
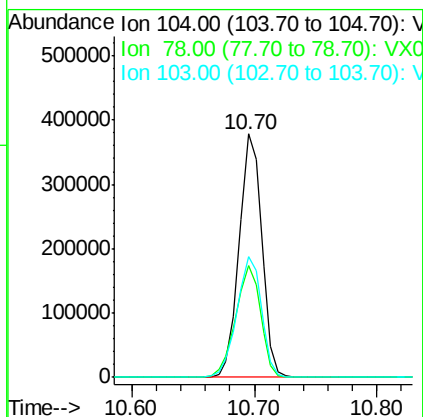
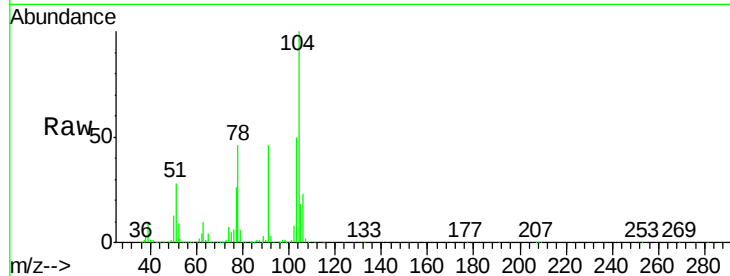
#70
Stvrene
Concen: 48.874 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.5	40.2	60.2
103	54.0	43.0	64.6

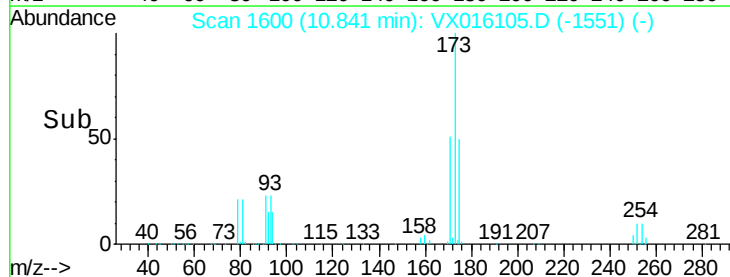
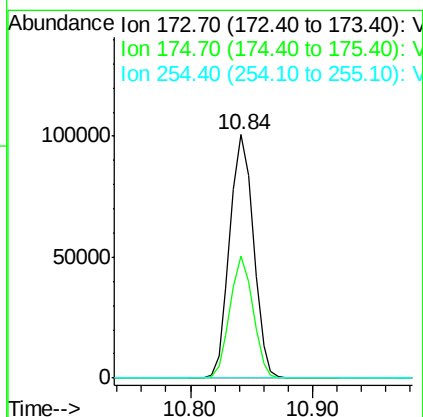
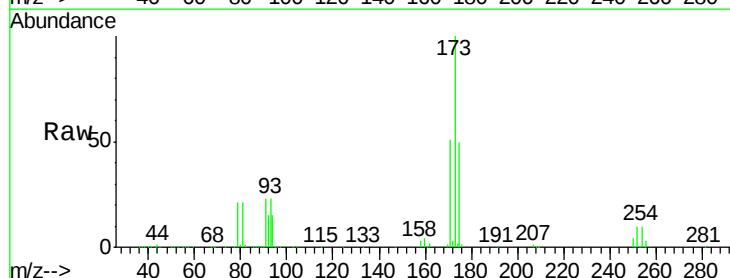
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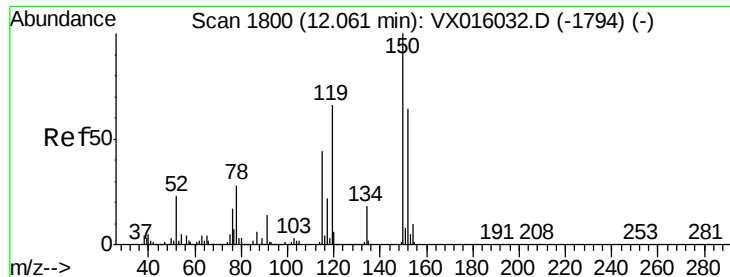
MMDadoda
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#71
Bromoform
Concen: 49.438 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.0	72.0
254	0.1	0.1	0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

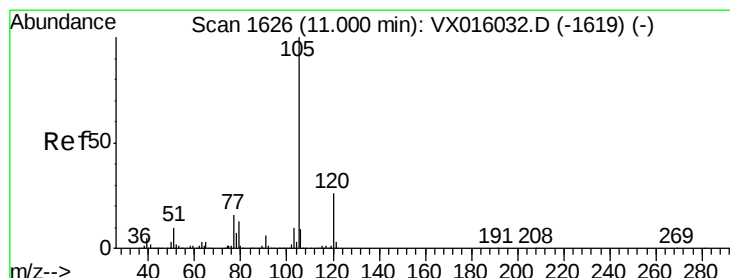
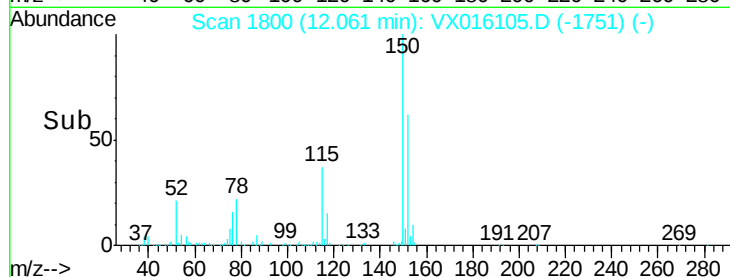
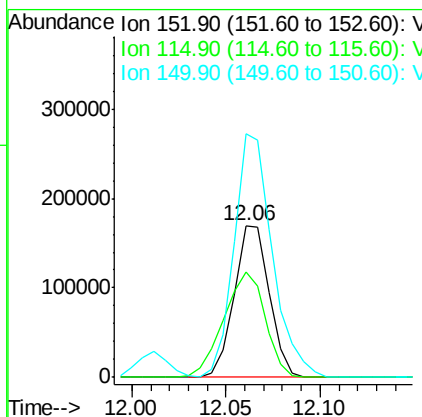
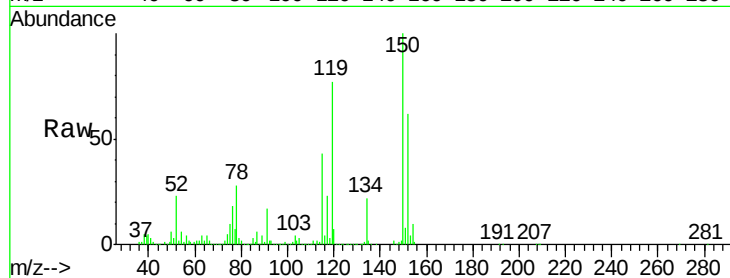
ClientSampleId :

SS038RW151-200503MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	219127		
115	82.0	41.3	124.1	
150	174.5	0.0	352.2	

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#73

Isopropylbenzene

Concen: 48.012 ug/l

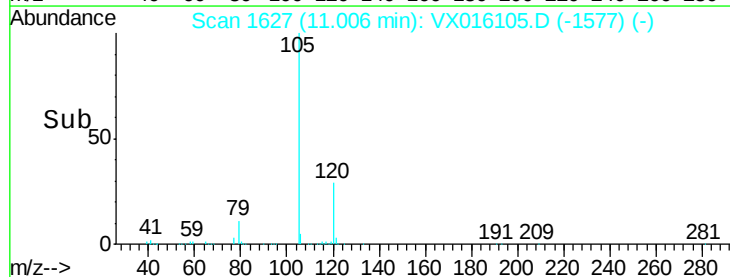
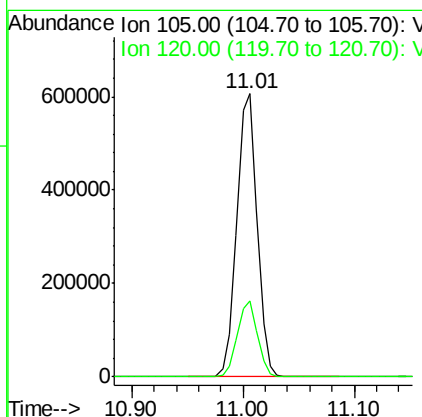
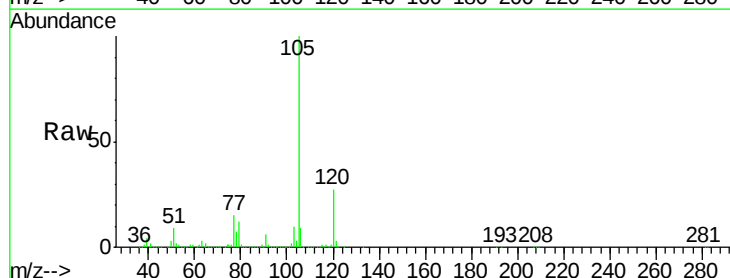
RT: 11.01 min Scan# 1627

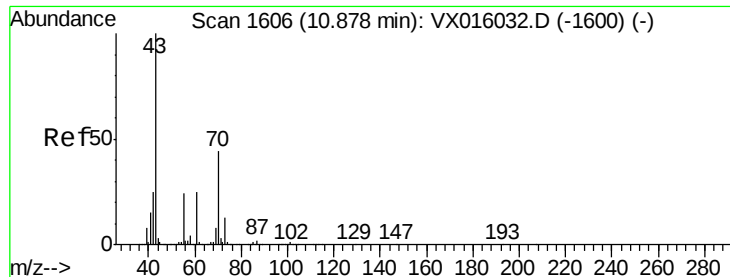
Delta R.T. 0.01 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	765220		
120	26.7	13.4	40.2	





#74

N-amvl acetate

Concen: 44.735 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

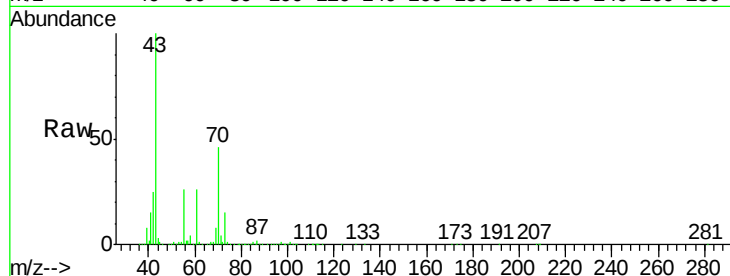
ClientSampleId :

SS038RW151-200503MS

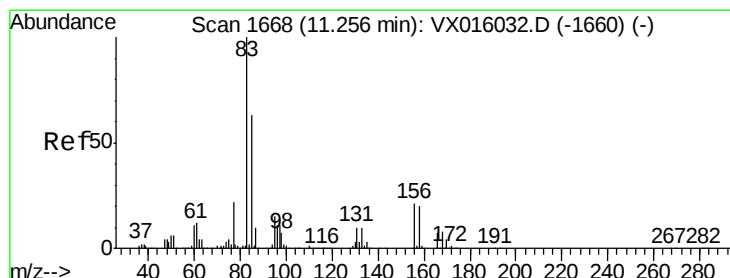
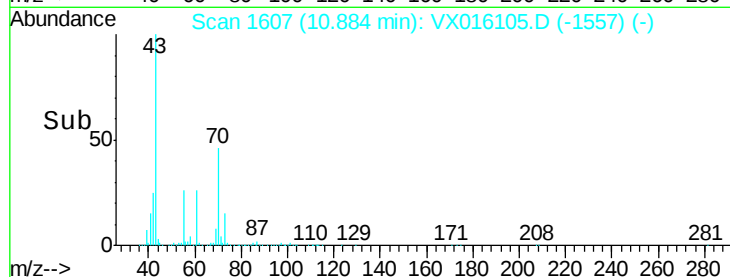
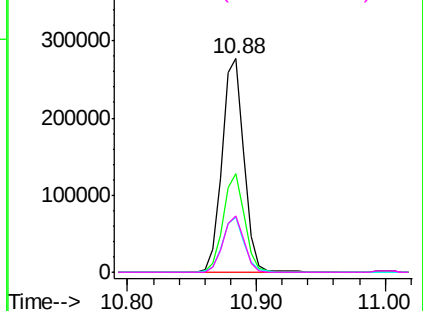
Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	45.1	36.5	54.7	
55	25.3	19.7	29.5	
61	25.5	20.9	31.3	

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 54.406 ug/l

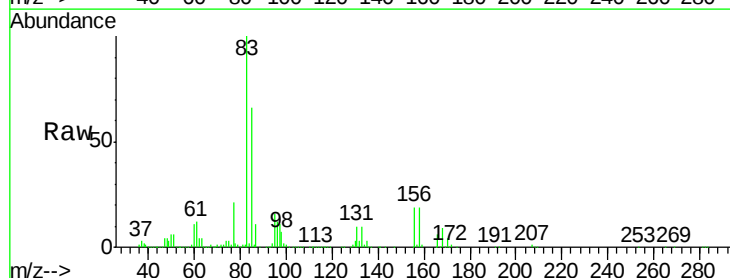
RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

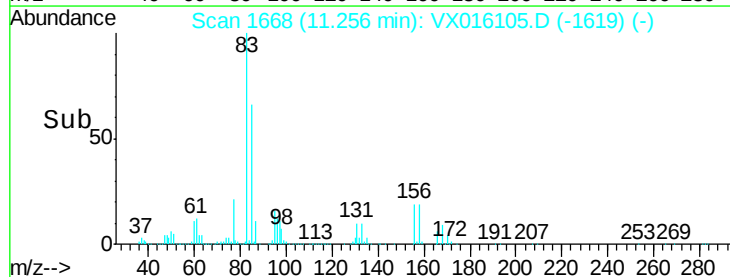
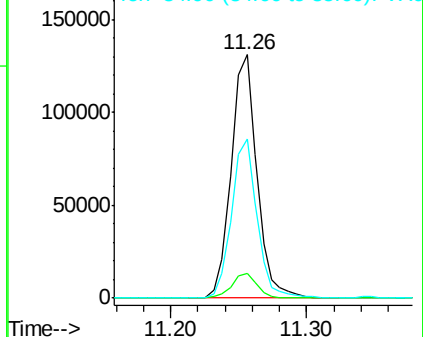
Lab File: VX016105.D

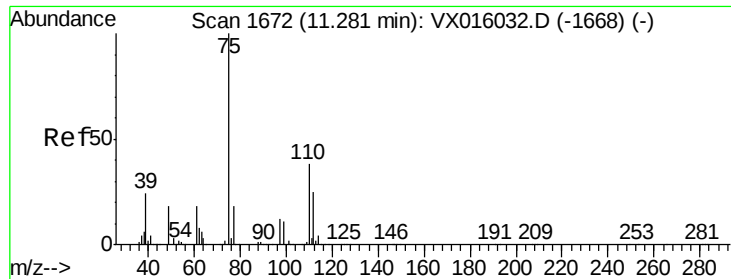
Acq: 07 May 2020 19:28

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.1	5.1	15.4	
85	65.1	32.0	96.0	



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0





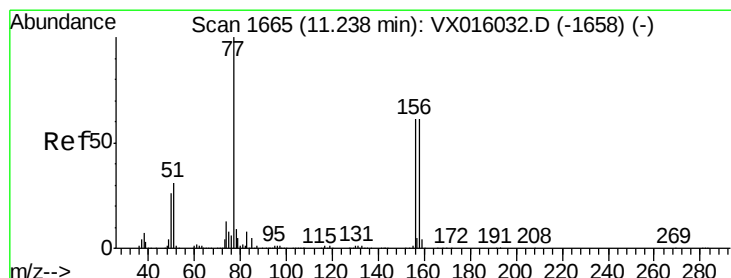
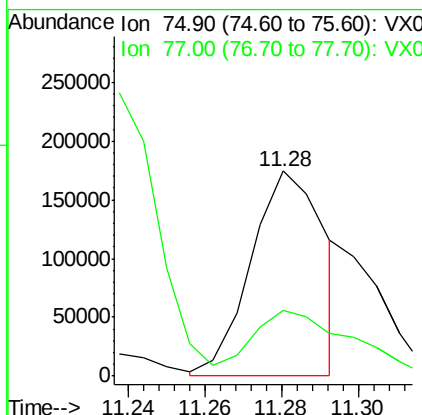
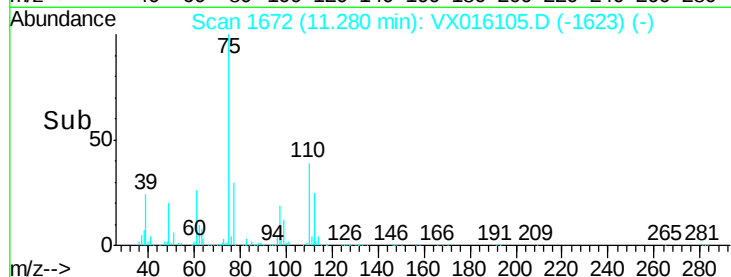
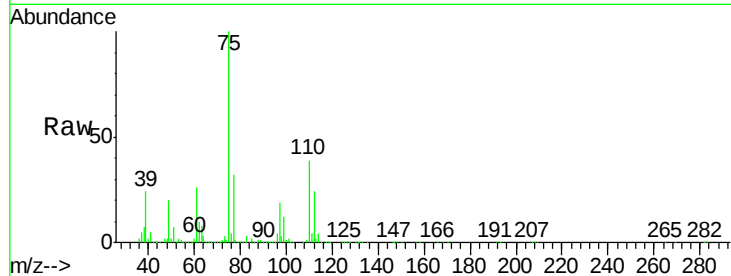
#76
1,2,3-Trichloropropane
Concen: 47.360 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion: 75 Resp: 235498
Ion Ratio Lower Upper
75 100
77 42.9 21.2 63.6

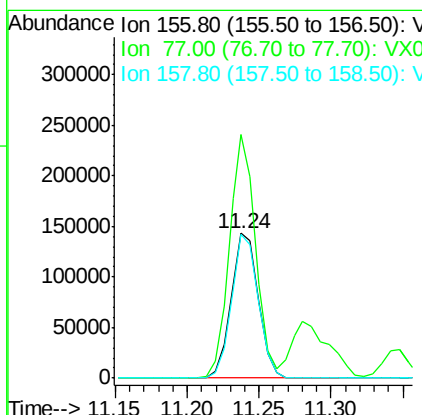
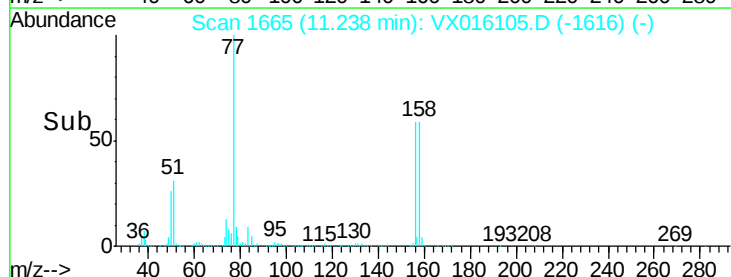
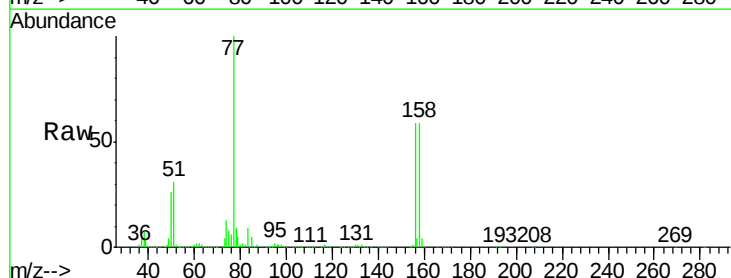
Manual Integrations
APPROVED

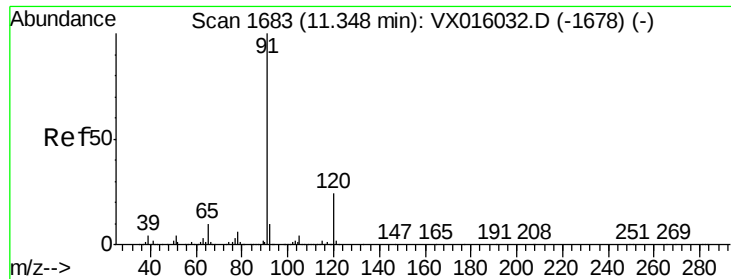
MMDadoda
5/8/2020 11:51:01 AM



#77
Bromobenzene
Concen: 46.138 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion: 156 Resp: 189805
Ion Ratio Lower Upper
156 100
77 161.4 80.1 240.3
158 97.1 49.4 148.2





#78

n-propylbenzene

Concen: 46.745 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 91 Resp: 866716

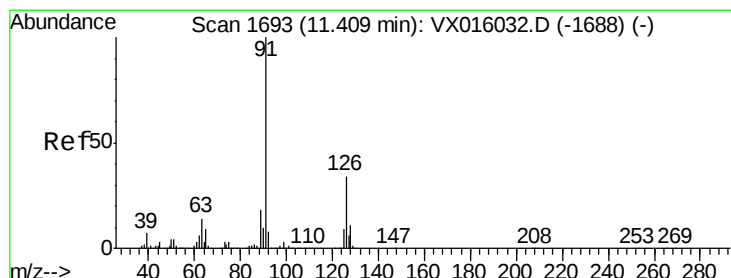
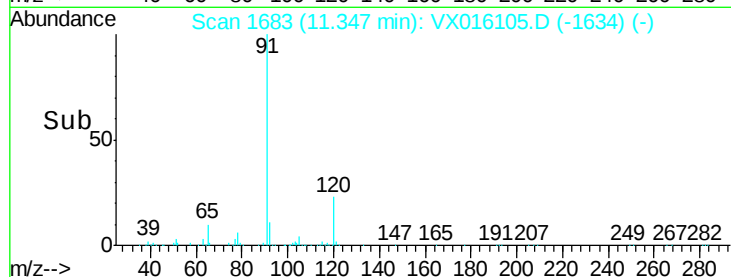
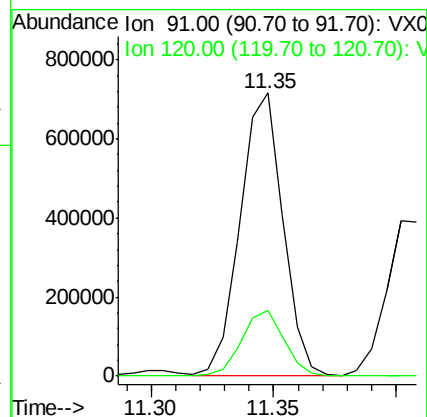
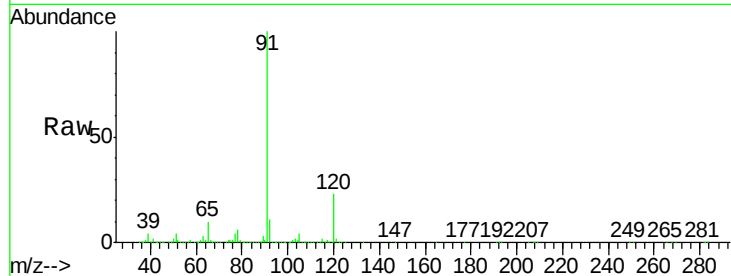
Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5

Manual Integrations
APPROVED

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#79

2-Chlorotoluene

Concen: 46.701 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016105.D

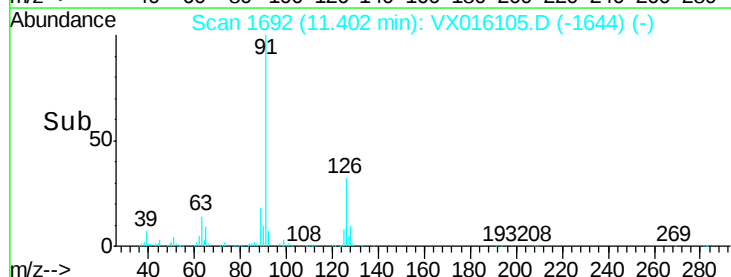
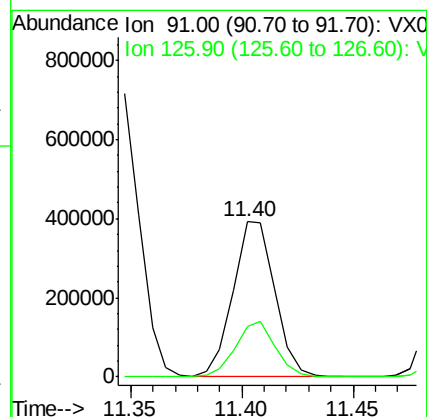
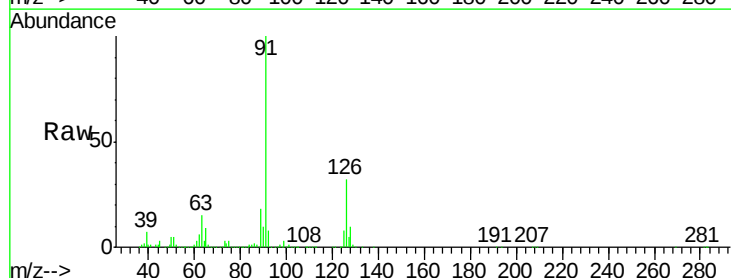
Acq: 07 May 2020 19:28

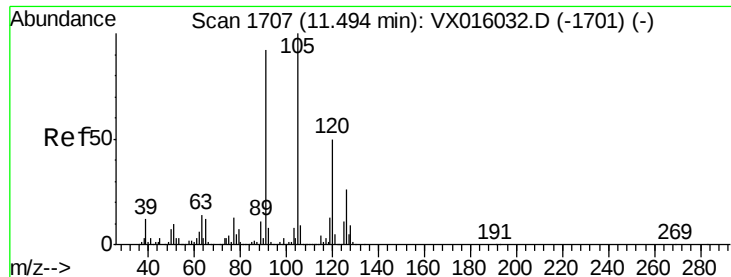
Tgt Ion: 91 Resp: 511117

Ion Ratio Lower Upper

91 100

126 33.9 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 47.468 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion: 105 Resp: 638770

Ion Ratio Lower Upper

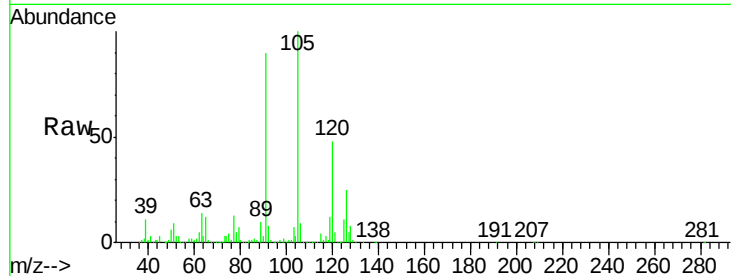
105 100

120 48.5 24.6 74.0

Manual Integrations
APPROVED

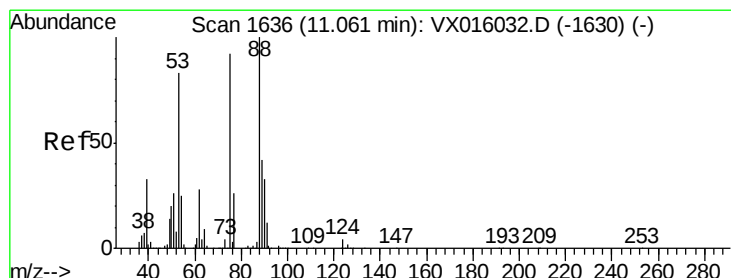
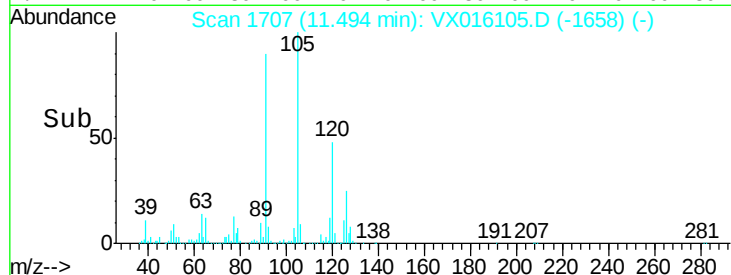
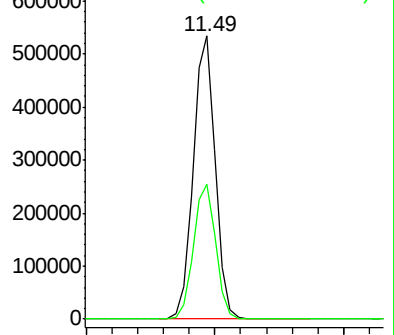
MMDadoda

5/8/2020 11:51:01 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 45.663 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

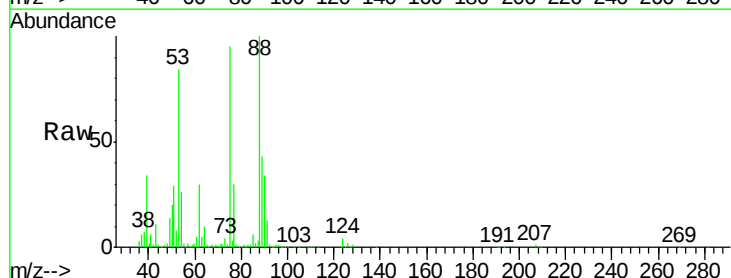
Tgt Ion: 75 Resp: 95280

Ion Ratio Lower Upper

75 100

53 90.9 73.1 109.7

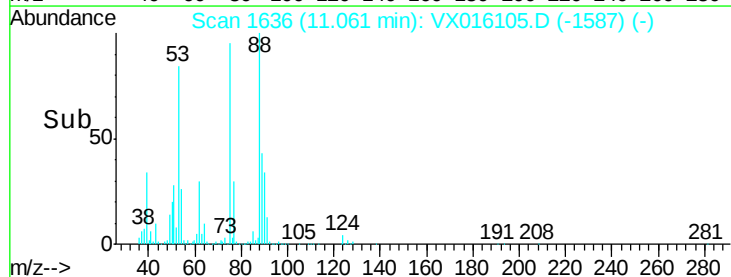
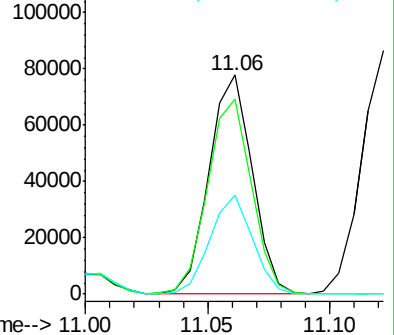
89 44.6 36.7 55.1

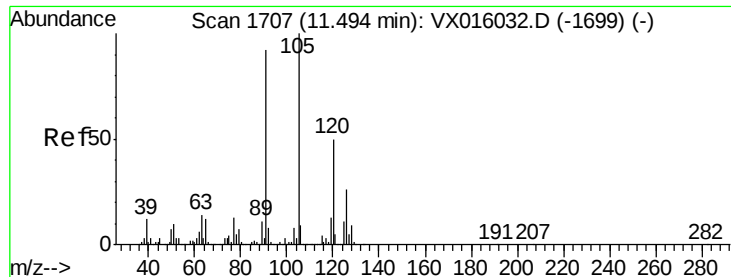


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





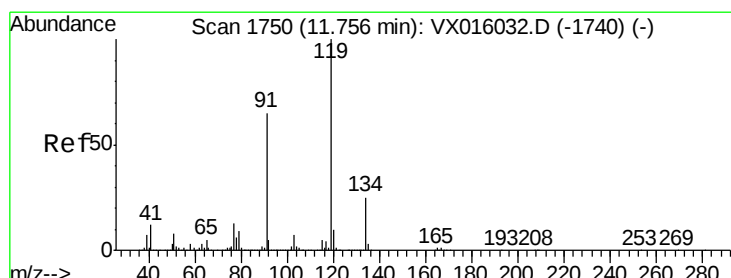
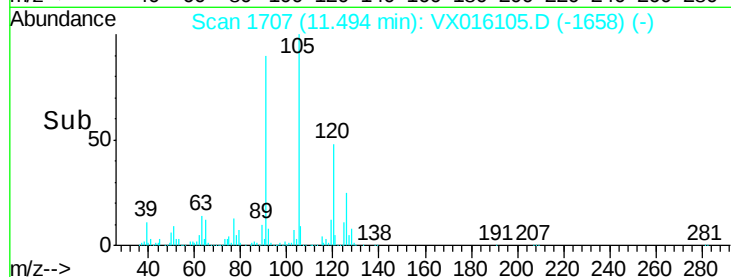
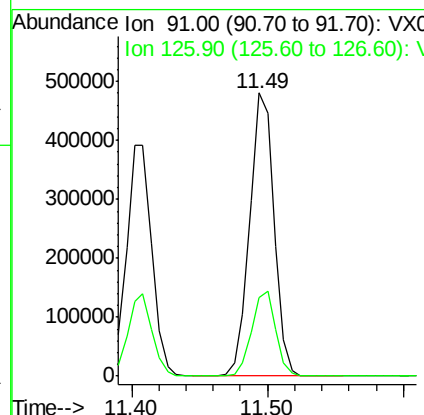
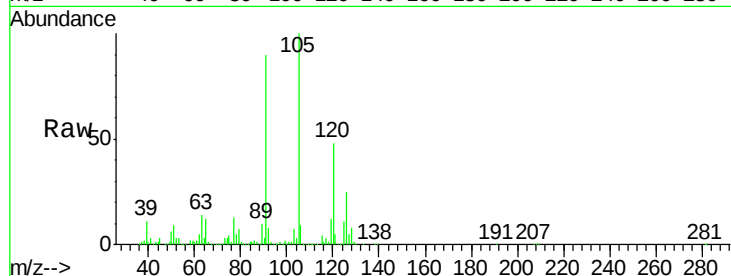
#82
4-Chlorotoluene
Concen: 46.783 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	604629		
126	29.5	14.8	44.3	

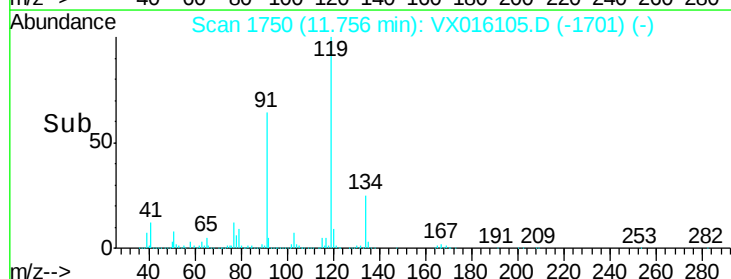
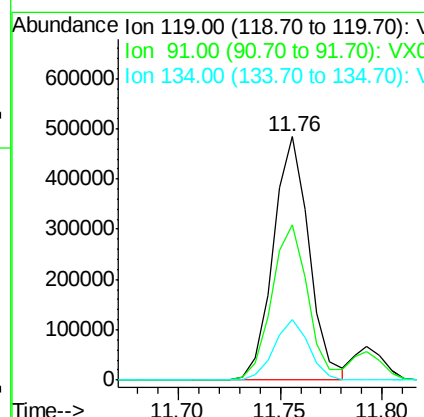
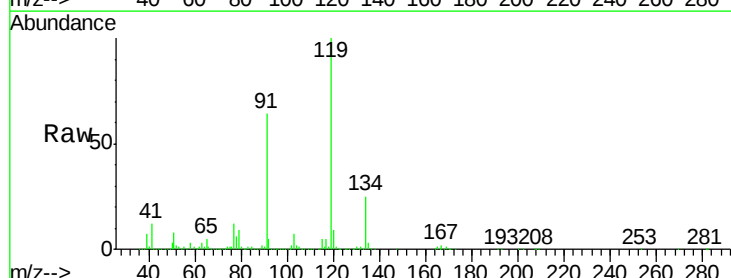
Manual Integrations
APPROVED

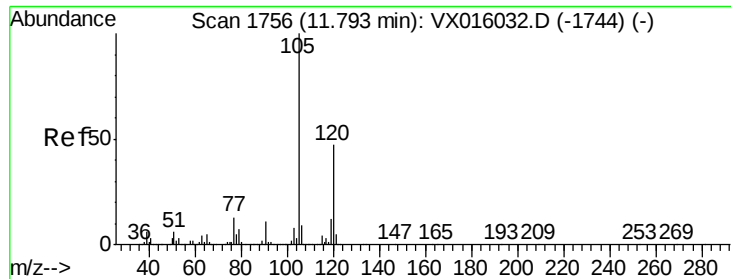
MMDadoda
5/8/2020 11:51:01 AM



#83
tert-Butylbenzene
Concen: 51.048 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	592007		
91	65.0	32.8	98.4	
134	24.1	12.4	37.0	





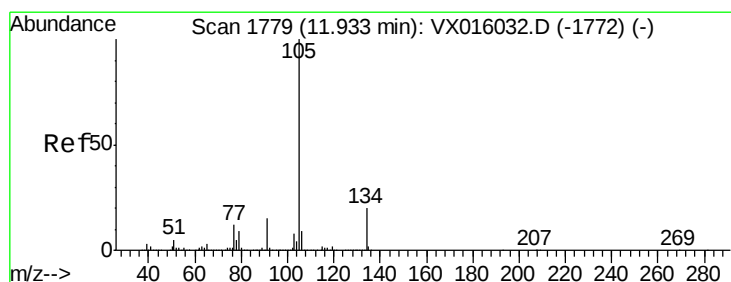
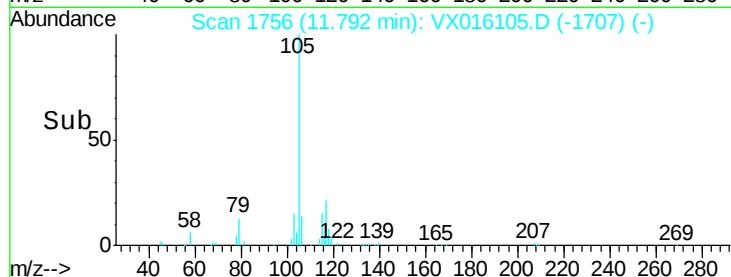
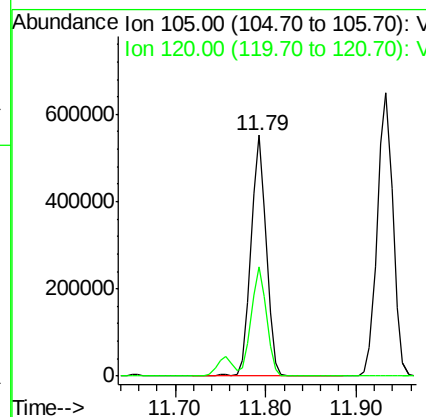
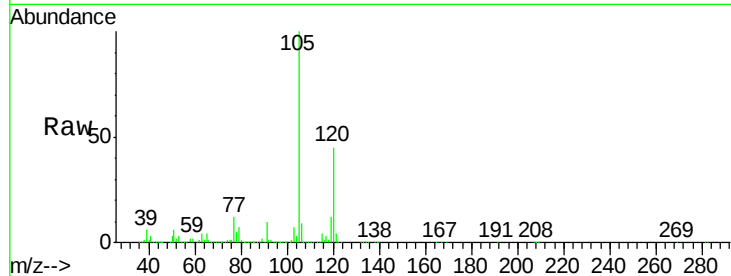
#84
1,2,4-Trimethylbenzene
Concen: 47.337 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.0	69.0

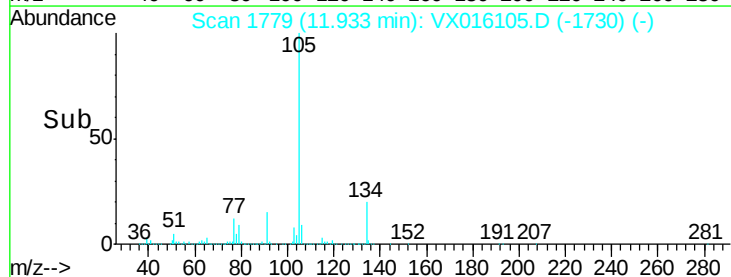
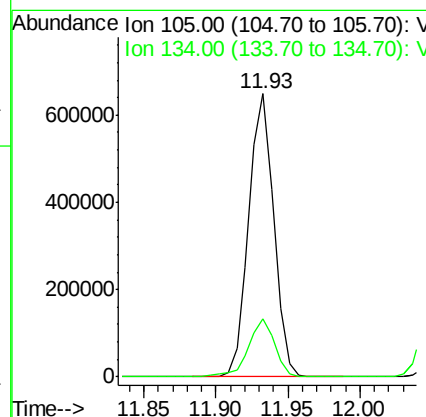
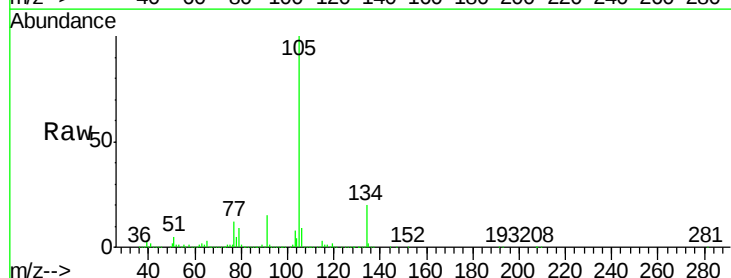
Manual Integrations
APPROVED

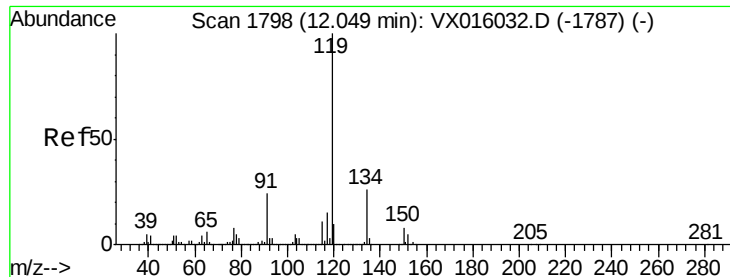
MMDadoda
5/8/2020 11:51:01 AM



#85
sec-Butylbenzene
Concen: 49.809 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.1	30.3





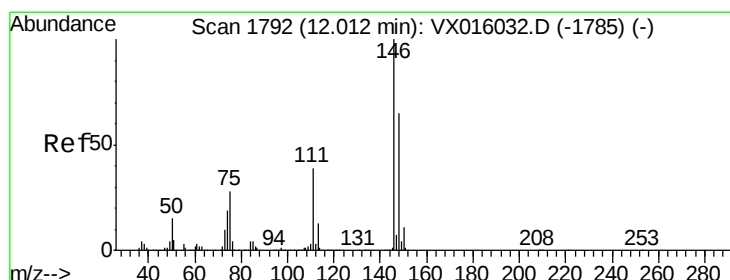
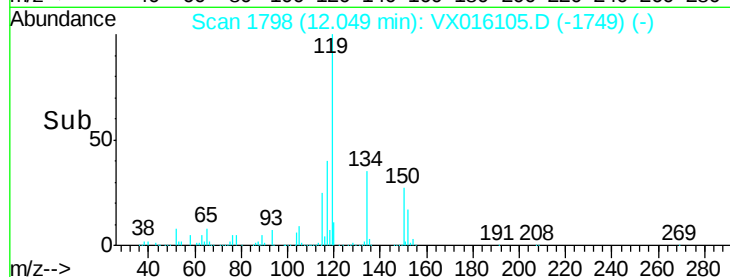
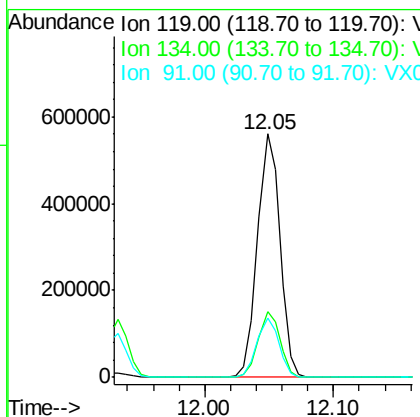
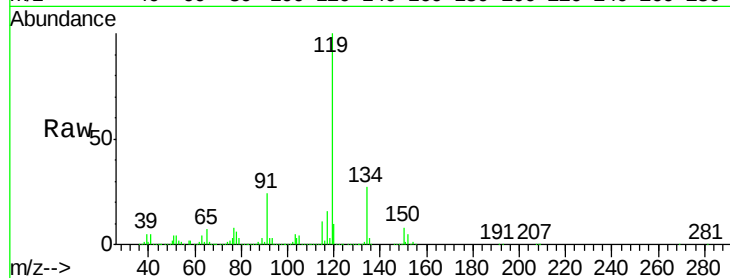
#86
p-Isopropyltoluene
Concen: 46.185 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	671438		
134	26.6		13.1	39.3
91	24.0		11.8	35.4

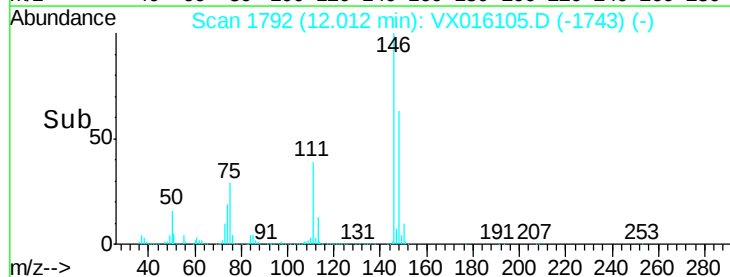
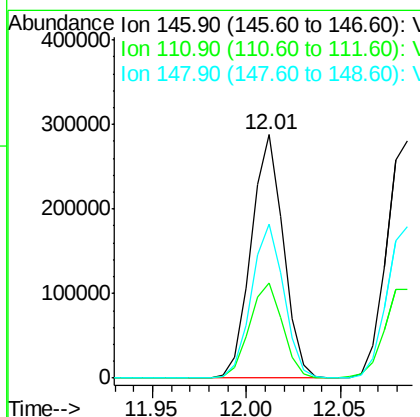
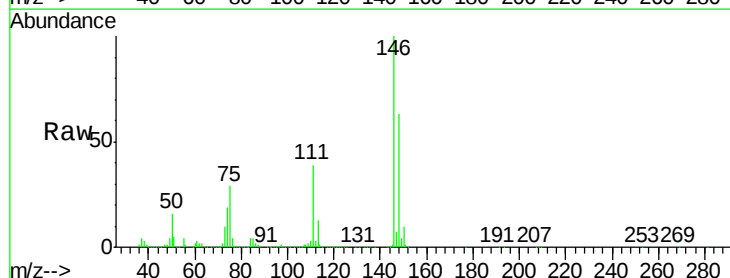
Manual Integrations
APPROVED

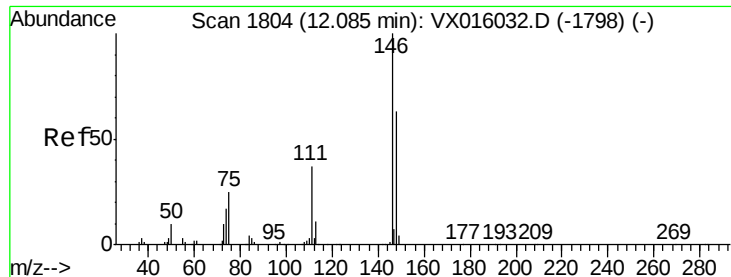
MMDadoda
5/8/2020 11:51:01 AM



#87
1,3-Dichlorobenzene
Concen: 46.099 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016105.D
Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	340514		
111	40.3		20.2	60.6
148	63.6		32.1	96.3





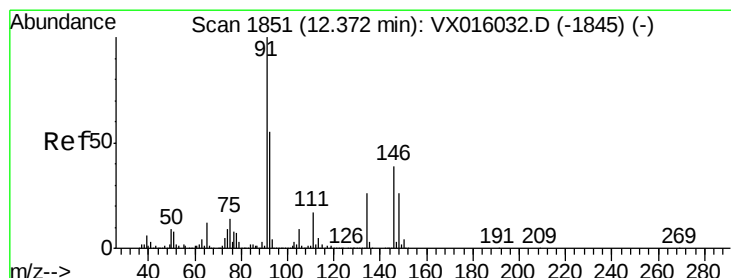
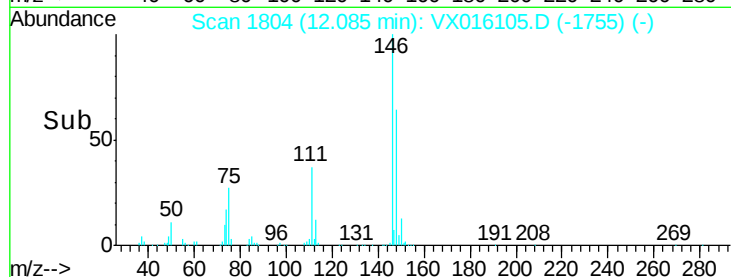
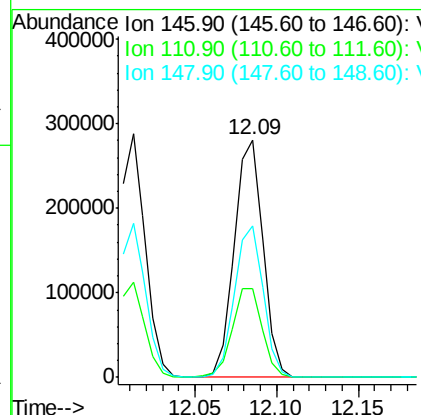
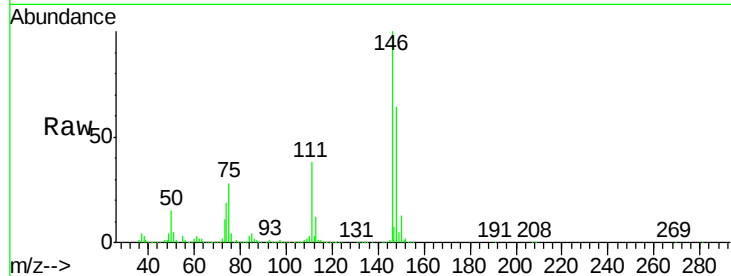
#88
 1,4-Dichlorobenzene
 Concen: 45.850 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MS

Tot Ion:	146	Resp:	343750
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.6	58.7
148	63.9	31.8	95.3

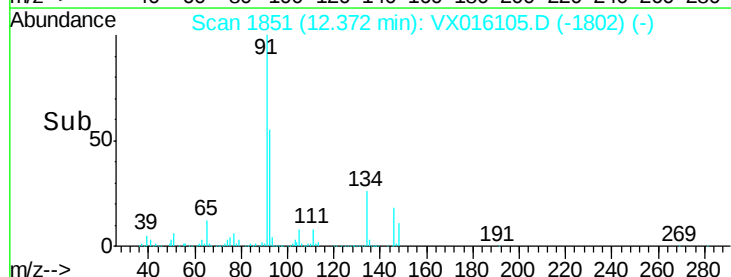
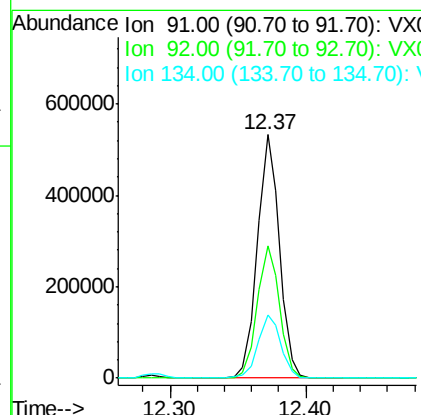
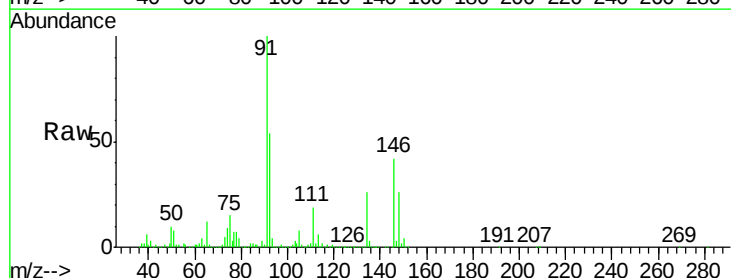
Manual Integrations
 APPROVED

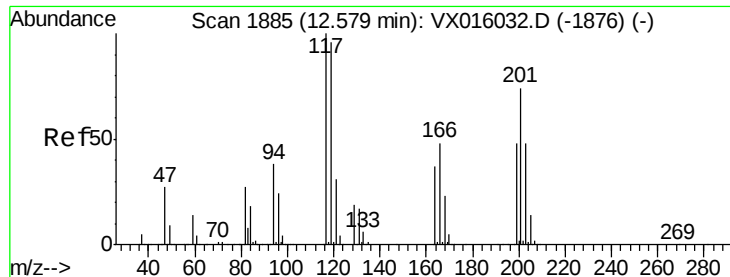
MMDadoda
 5/8/2020 11:51:01 AM



#89
 n-Butylbenzene
 Concen: 45.641 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Tgt Ion:	91	Resp:	606165
Ion Ratio	Lower	Upper	
91	100		
92	54.9	27.6	82.7
134	26.9	13.4	40.1





#90

Hexachloroethane

Concen: 47.030 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MS

Tot Ion:117 Resp: 117423

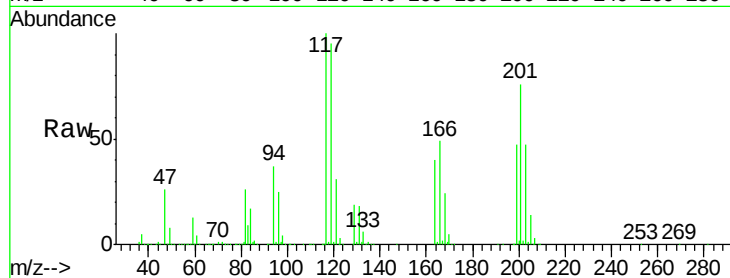
Ion Ratio Lower Upper

117 100

201 82.3 39.8 119.3

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:01 AM



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

100000

80000

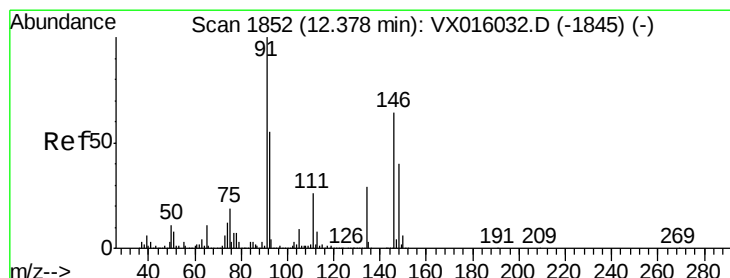
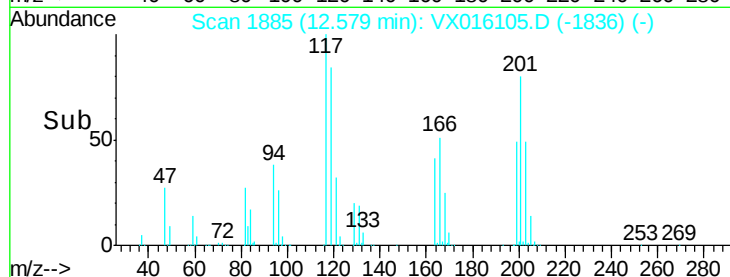
60000

40000

20000

0

Time--> 12.50 12.55 12.60



#91

1,2-Dichlorobenzene

Concen: 46.199 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

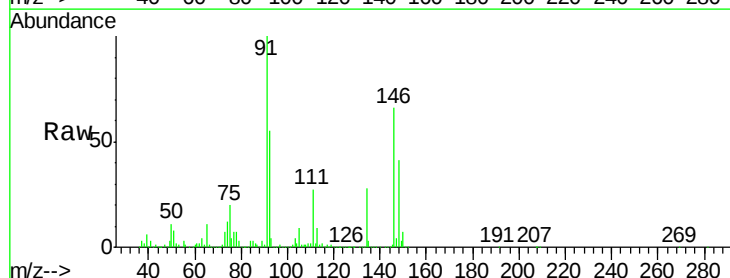
Tgt Ion:146 Resp: 328591

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

148 63.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.38

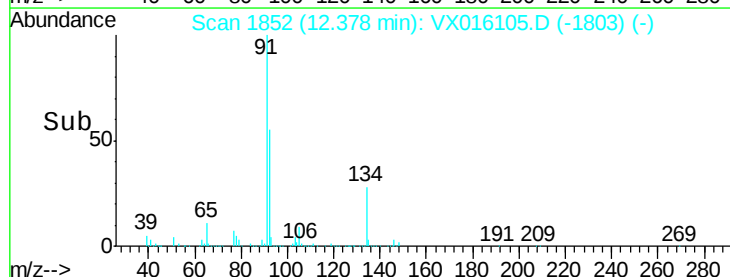
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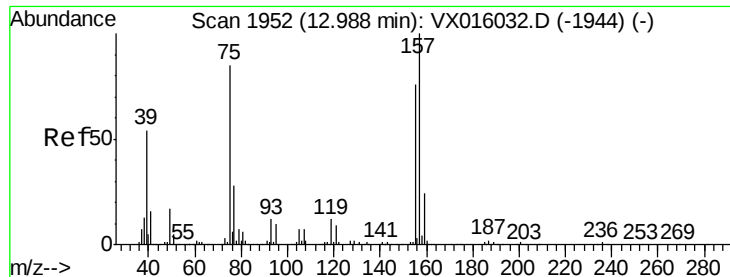
200000

100000

0

Time--> 12.30 12.40





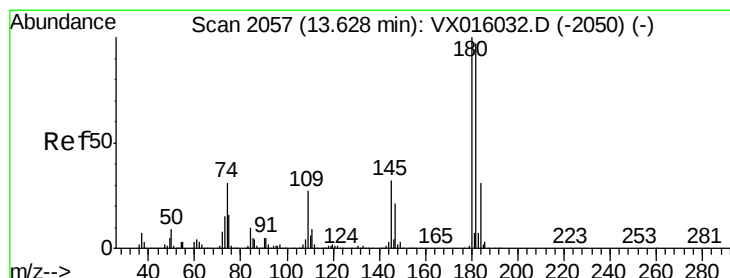
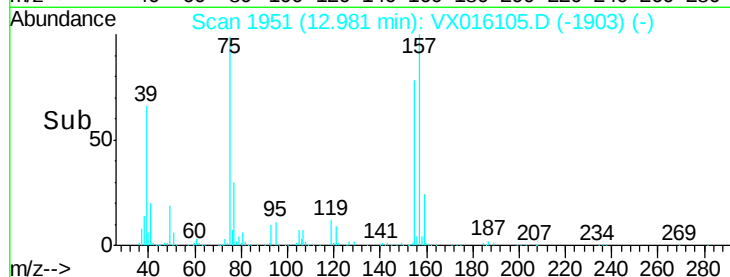
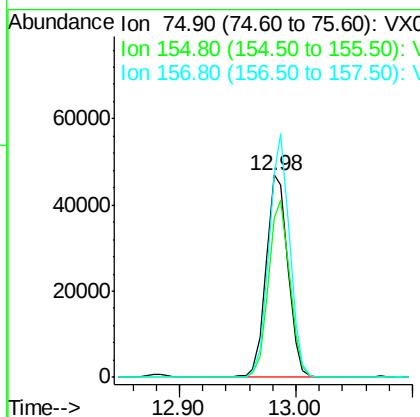
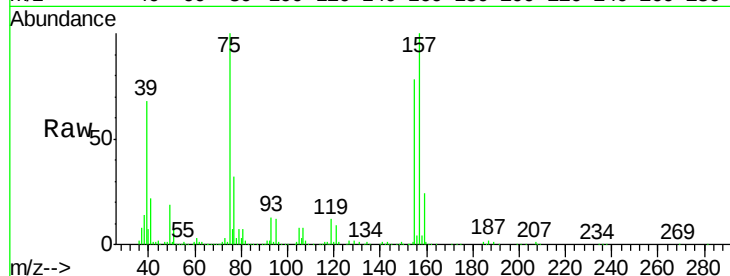
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.515 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	84.2	42.5	127.5
157	112.1	55.3	165.8

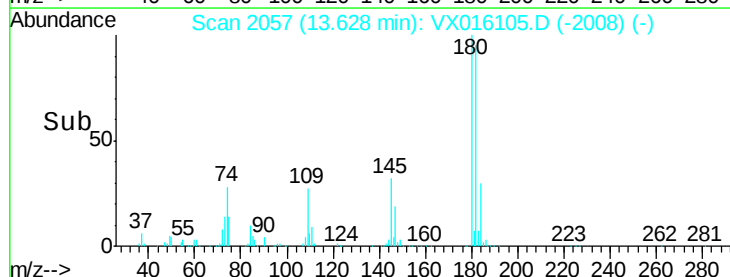
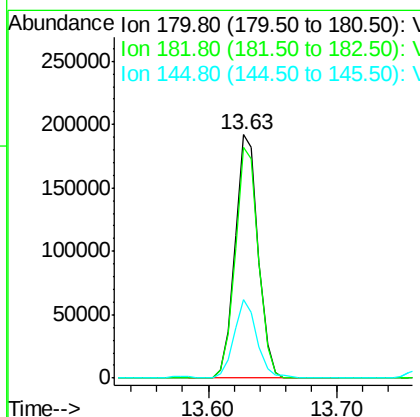
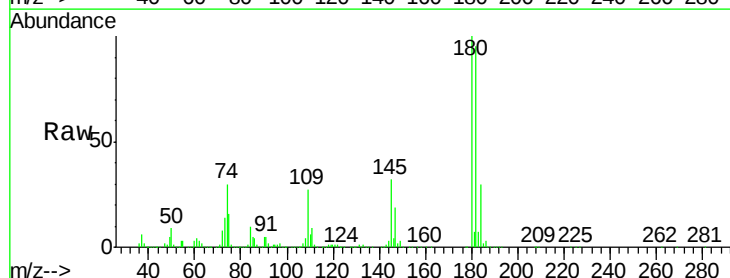
Manual Integrations
 APPROVED

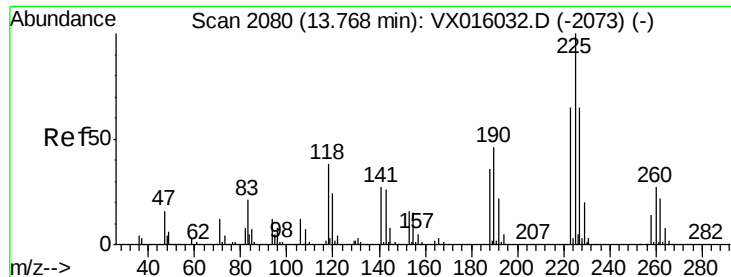
MMDadoda
 5/8/2020 11:51:01 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.444 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.7	146.1
145	32.3	15.7	47.1





#94

Hexachlorobutadiene

Concen: 46.414 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_X

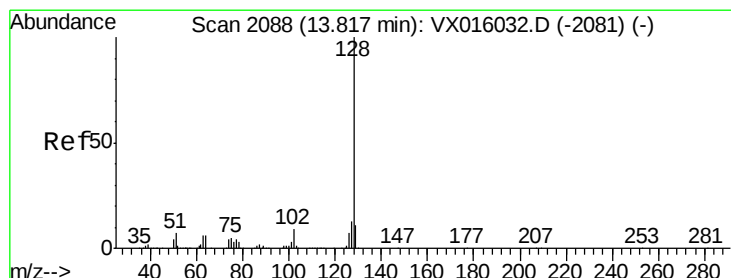
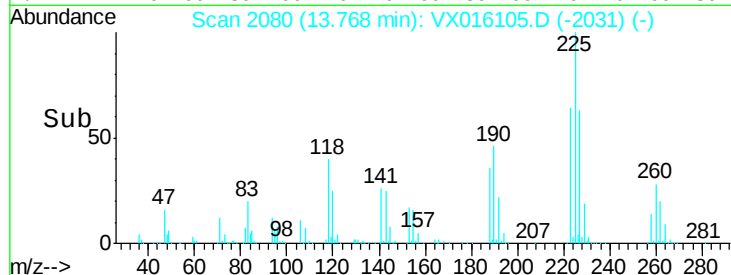
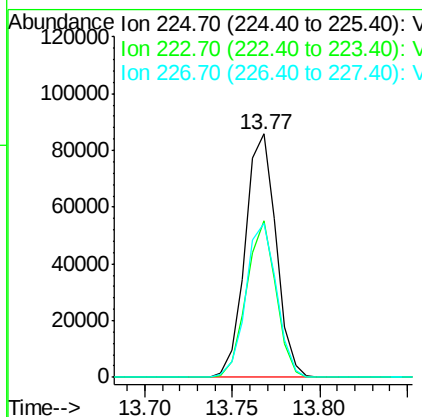
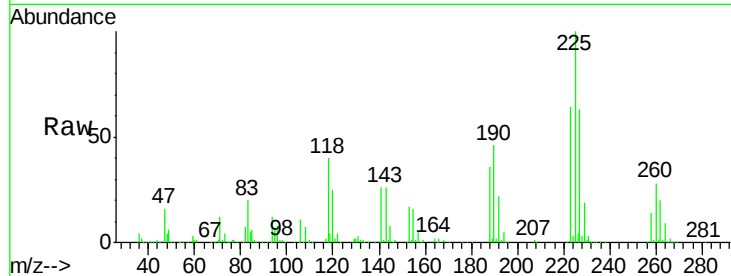
ClientSampleId :

SS038RW151-200503MS

Tot Ion:	225	Resp:	105156
Ion Ratio		Lower	Upper
225	100		
223	61.4	32.3	96.9
227	63.1	31.8	95.4

Manual Integrations
APPROVED

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5/8/2020 11:51:01 AM



#95

Naphthalene

Concen: 47.301 ug/l

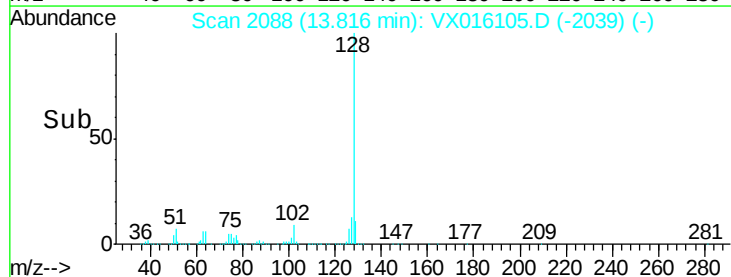
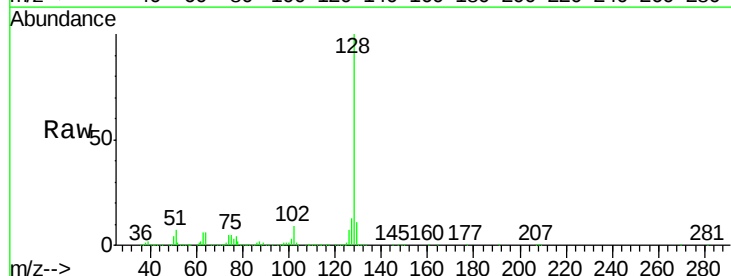
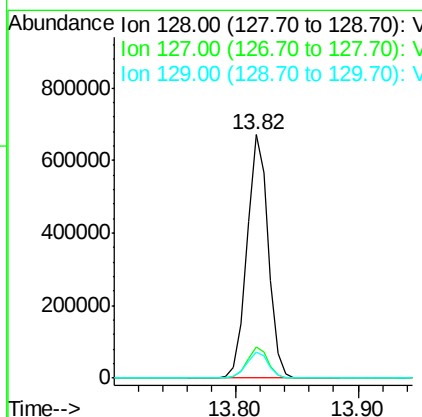
RT: 13.82 min Scan# 2088

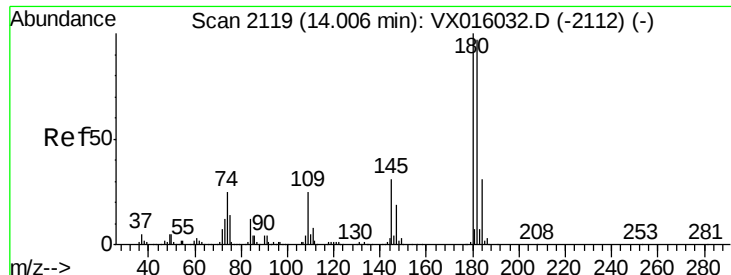
Delta R.T. -0.00 min

Lab File: VX016105.D

Acq: 07 May 2020 19:28

Tgt Ion:	128	Resp:	806526
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 46.211 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016105.D
 Acq: 07 May 2020 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	48.4	145.0
145	33.6	16.4	49.1

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:01 AM

