

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050720\
 Data File : VX016106.D
 Acq On : 07 May 2020 19:51
 Operator : JC/SP
 Sample : L2543-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:05 AM

Quant Time: May 08 04:37:12 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	279527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	449299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	180276	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	5.47	113	141728	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.70	98	551645	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.12	95	213378	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148347	50.139	ug/l	99
3) Chloromethane	1.31	50	165721	48.230	ug/l	100
4) Vinyl Chloride	1.39	62	184854	50.425	ug/l	100
5) Bromomethane	1.62	94	89601	48.481	ug/l	100
6) Chloroethane	1.71	64	107709	48.289	ug/l	99
7) Trichlorofluoromethane	1.91	101	230983	47.994	ug/l	98
8) Diethyl Ether	2.17	74	96090	47.385	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136392	49.120	ug/l	100
10) Methyl Iodide	2.49	142	177114	47.487	ug/l	100
11) Tert butyl alcohol	3.02	59	218034	234.409	ug/l	100
12) 1,1-Dichloroethene	2.36	96	139490	48.005	ug/l	96
13) Acrolein	2.27	56	126959	218.123	ug/l	99
14) Allyl chloride	2.71	41	256345	48.115	ug/l	98
15) Acrylonitrile	3.12	53	483918	250.788	ug/l	99
16) Acetone	2.42	43	399068	243.153	ug/l	97
17) Carbon Disulfide	2.55	76	419652	48.084	ug/l	98
18) Methyl Acetate	2.75	43	190746	47.269	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	508677	50.782	ug/l	99
20) Methylene Chloride	2.84	84	160100	47.320	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	156110	48.211	ug/l	99
22) Diisopropyl ether	3.82	45	503447	50.089	ug/l	99
23) Vinyl Acetate	3.79	43	2095726	236.997	ug/l	100
24) 1,1-Dichloroethane	3.67	63	283909	50.494	ug/l	99
25) 2-Butanone	4.64	43	670331	253.465	ug/l	99
26) 2,2-Dichloropropane	4.56	77	215871	42.041	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	315453	89.112	ug/l	94
28) Bromochloromethane	4.99	49	131687	51.364	ug/l	99
29) Tetrahydrofuran	5.09	42	439104	250.579	ug/l	100
30) Chloroform	5.18	83	281607	50.303	ug/l	99
31) Cyclohexane	5.55	56	254250	49.757	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	253809	49.877	ug/l	99
36) 1,1-Dichloropropene	5.77	75	213936	48.372	ug/l	99
37) Ethyl Acetate	4.80	43	239606	46.743	ug/l	100
38) Carbon Tetrachloride	5.76	117	222397	49.472	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	257877	48.417	ug/l	99
40) Benzene	6.12	78	646239	49.939	ug/l	98
41) Methacrylonitrile	5.01	41	140340	50.695	ug/l	99
42) 1,2-Dichloroethane	6.17	62	228928	49.109	ug/l	99
43) Isopropyl Acetate	6.42	43	393446	48.106	ug/l	100
44) Trichloroethene	7.19	130	213270	46.390	ug/l	95
45) 1,2-Dichloropropane	7.49	63	169223	51.680	ug/l	98
46) Dibromomethane	7.64	93	110693	49.745	ug/l	100
47) Bromodichloromethane	7.88	83	230163	50.787	ug/l	98
48) Methyl methacrylate	7.75	41	193898	50.032	ug/l	97
49) 1,4-Dioxane	7.71	88	81818	880.260	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1287299	257.205	ug/l	99
52) Toluene	8.77	92	406546	50.402	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	262810	48.637	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	273123	48.392	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	161639	50.934	ug/l	95
56) Ethyl methacrylate	9.16	69	269157	51.959	ug/l	98
57) 1,3-Dichloropropane	9.35	76	281880	50.904	ug/l	99
59) 2-Hexanone	9.48	43	1007339	256.287	ug/l	99
60) Dibromochloromethane	9.57	129	182070	52.092	ug/l	99
61) 1,2-Dibromoethane	9.65	107	172328	50.132	ug/l	98
64) Tetrachloroethene	9.32	164	240899	46.314	ug/l	99
65) Chlorobenzene	10.12	112	921755	103.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	162273	49.488	ug/l	99
67) Ethyl Benzene	10.24	91	771319	48.727	ug/l	100
68) m/p-Xylenes	10.34	106	583498	98.387	ug/l	99
69) o-Xylene	10.68	106	285846	50.142	ug/l	99
70) Styrene	10.70	104	491107	50.779	ug/l	99
71) Bromoform	10.84	173	138272	51.757	ug/l	99
73) Isopropylbenzene	11.01	105	773202	49.022	ug/l	98
74) N-amyl acetate	10.88	43	334219	45.429	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	178228	56.578	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	237807m	48.326	ug/l	
77) Bromobenzene	11.24	156	191127	46.947	ug/l	98
78) n-propylbenzene	11.35	91	877379	47.816	ug/l	100
79) 2-Chlorotoluene	11.41	91	515664	47.611	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	640884	48.125	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	96727	46.843	ug/l	99
82) 4-Chlorotoluene	11.49	91	609889	47.685	ug/l	100
83) tert-Butylbenzene	11.76	119	591828	51.568	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	653034	48.504	ug/l	100
85) sec-Butylbenzene	11.93	105	781716	50.448	ug/l	97
86) p-Isopropyltoluene	12.05	119	686791	47.737	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	344886	47.181	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	348212	46.933	ug/l	99
89) n-Butylbenzene	12.37	91	614640	46.765	ug/l	99
90) Hexachloroethane	12.58	117	120627	48.821	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	332370	47.220	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60824	46.899	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	238975	45.858	ug/l	98

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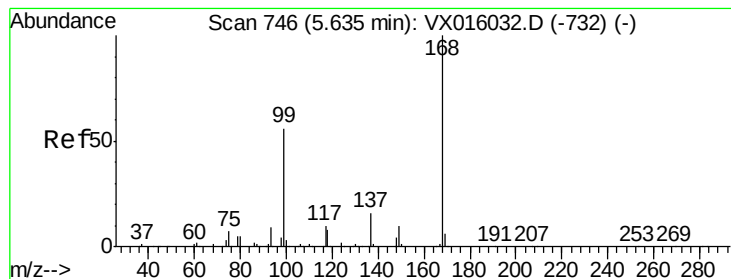
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	106802	47.621	ug/l	98
95) Naphthalene	13.82	128	807116	47.833	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	238099	46.751	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion:168 Resp: 279527

Ion Ratio Lower Upper

168 100

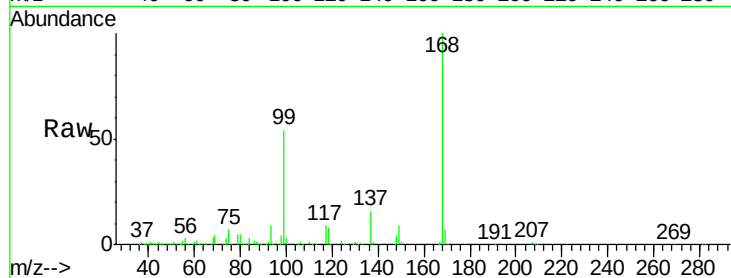
99 53.9 45.0 67.4

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

120000

100000

80000

60000

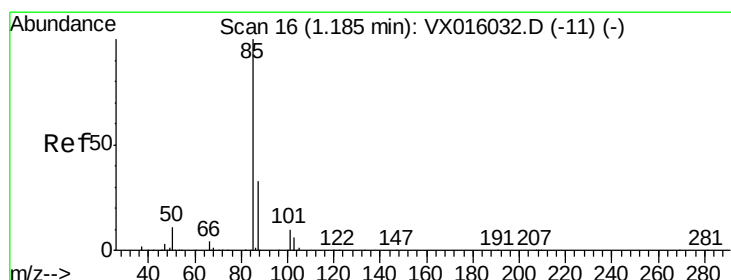
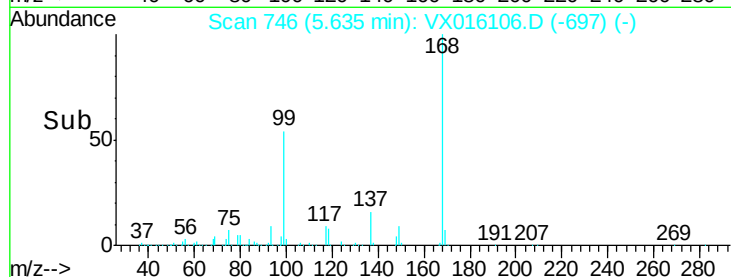
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.139 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016106.D

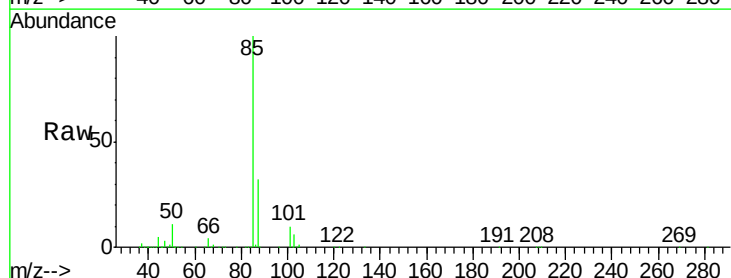
Acq: 07 May 2020 19:51

Tgt Ion: 85 Resp: 148347

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

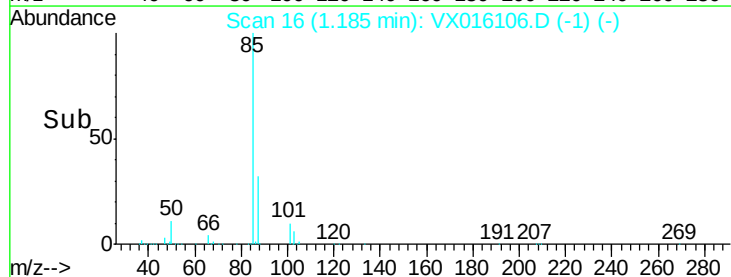
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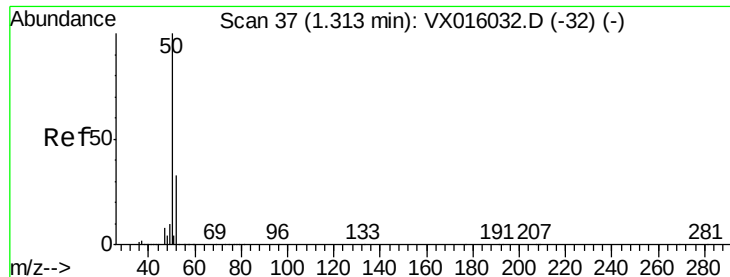
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.230 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 50 Resp: 165721

Ion Ratio Lower Upper

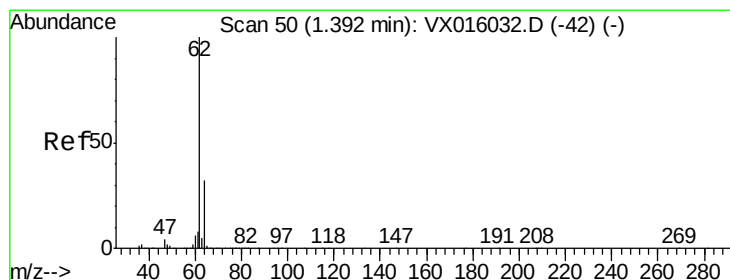
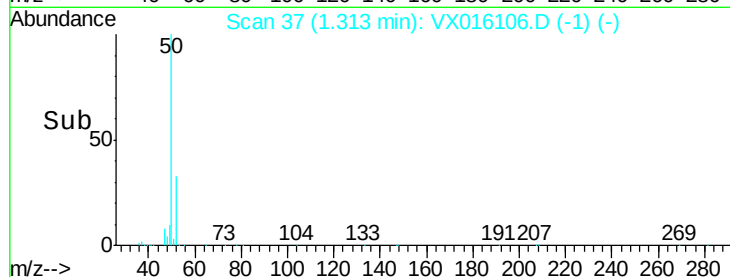
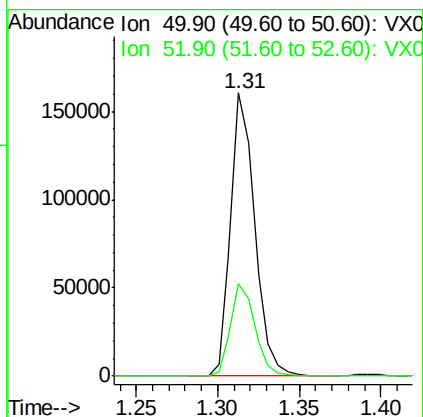
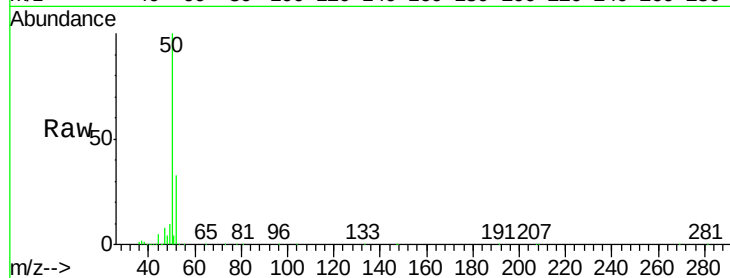
50 100

52 32.7 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.425 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016106.D

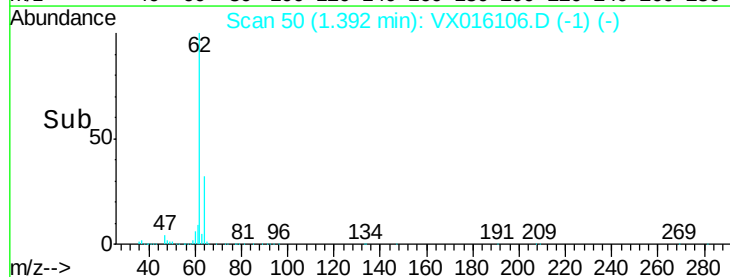
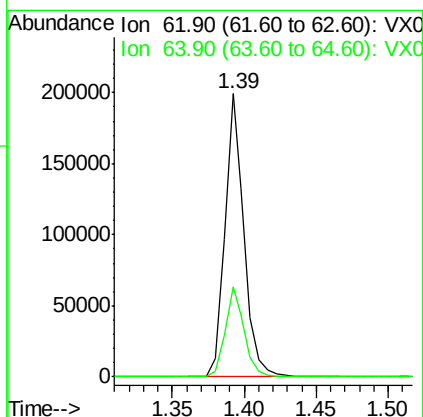
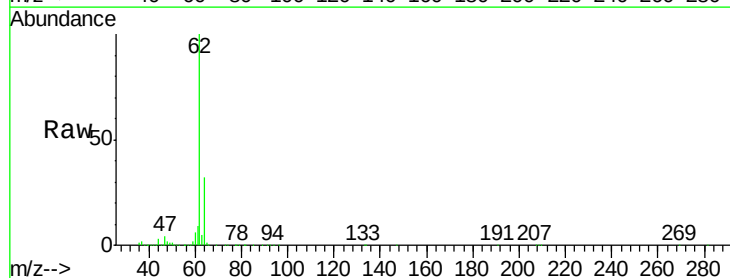
Acq: 07 May 2020 19:51

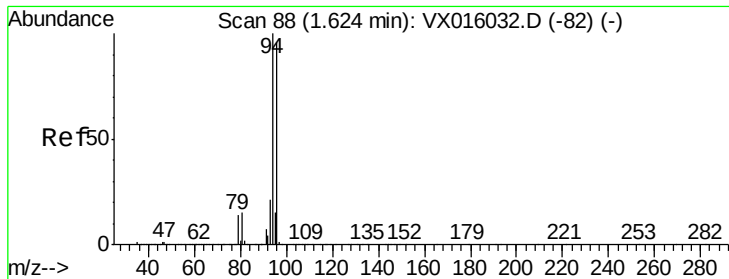
Tgt Ion: 62 Resp: 184854

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 48.481 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 94 Resp: 89601

Ion Ratio Lower Upper

94 100

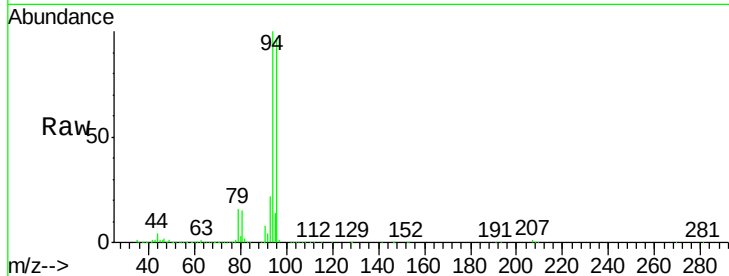
96 96.5 76.9 115.3

Manual Integrations

APPROVED

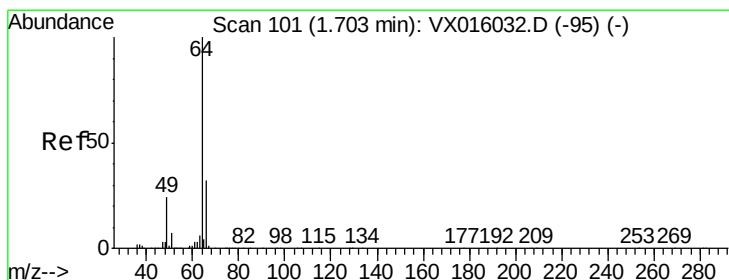
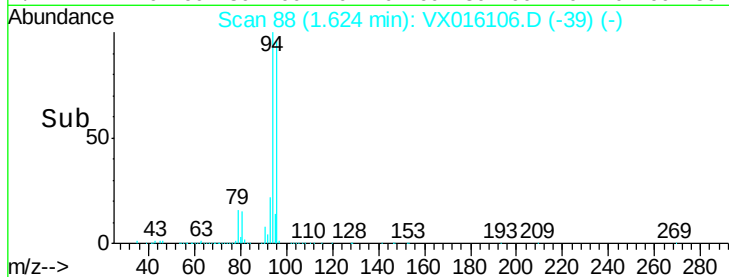
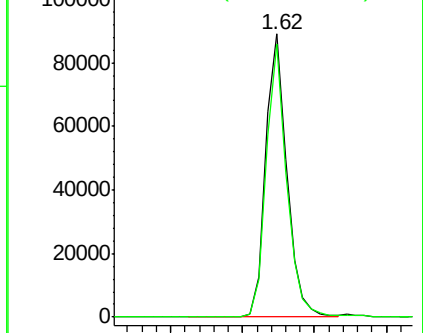
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5/8/2020 11:51:05 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.289 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016106.D

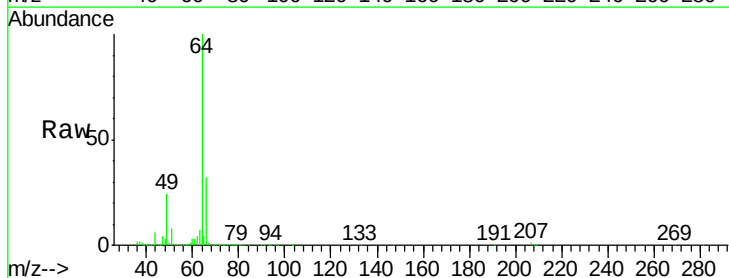
Acq: 07 May 2020 19:51

Tgt Ion: 64 Resp: 107709

Ion Ratio Lower Upper

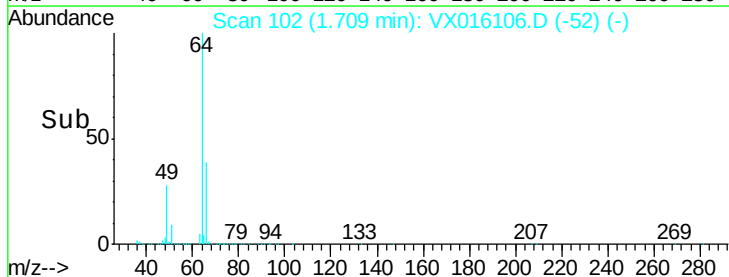
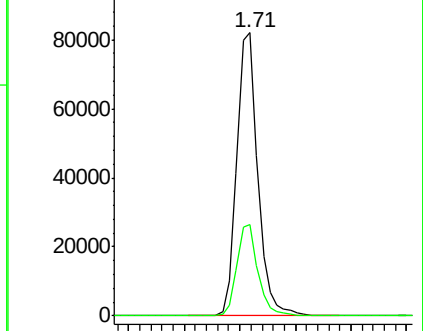
64 100

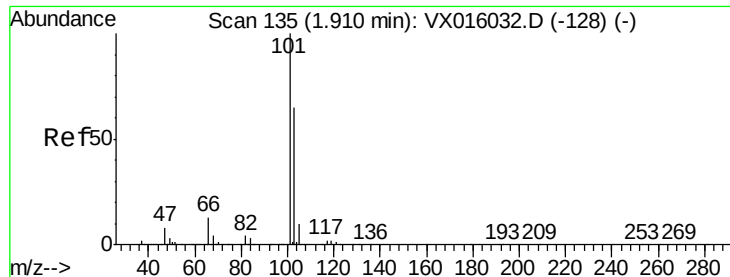
66 32.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

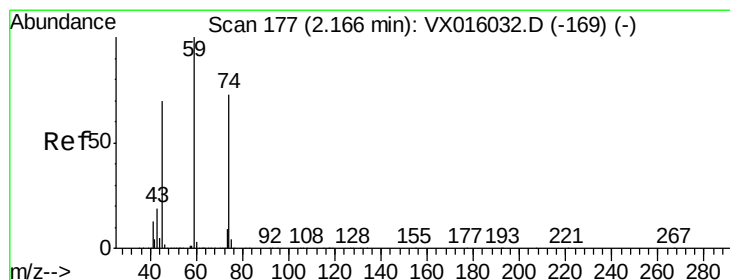
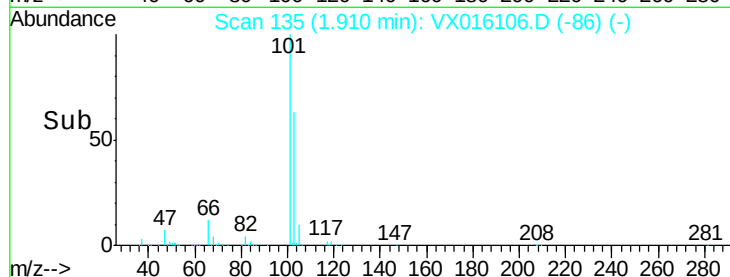
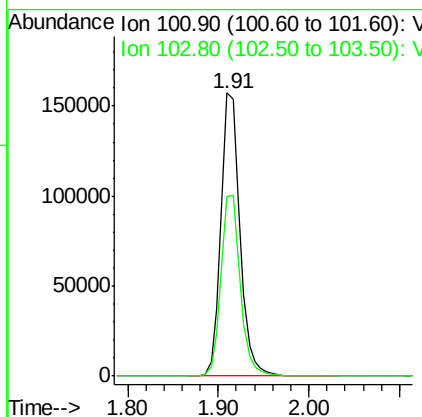
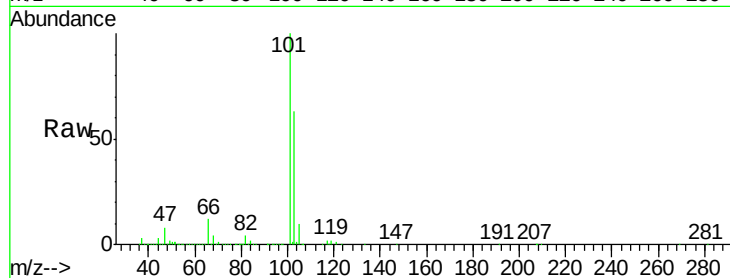
Trichlorofluoromethane
Concen: 47.994 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.8	77.6

Manual Integrations
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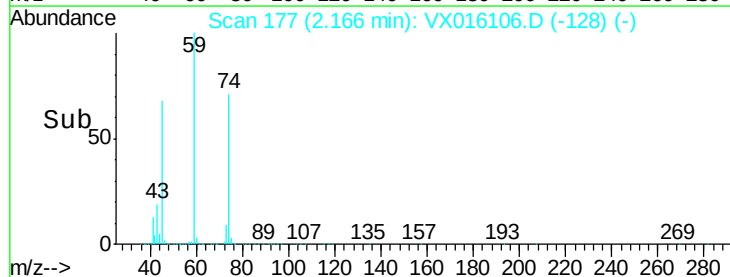
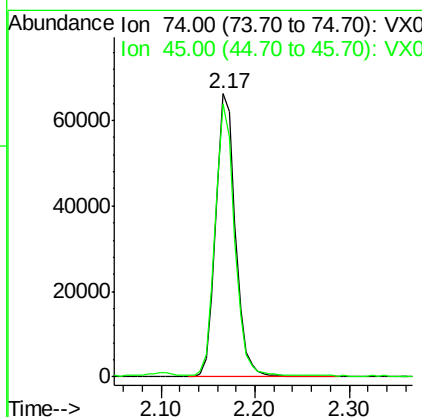
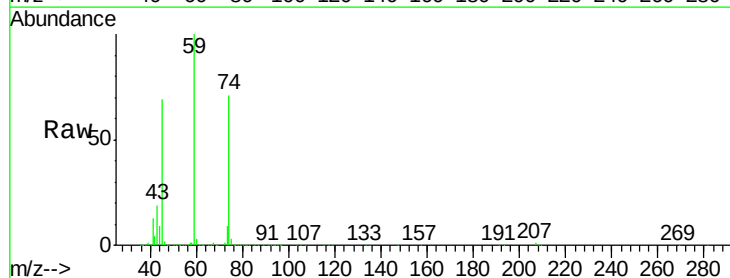
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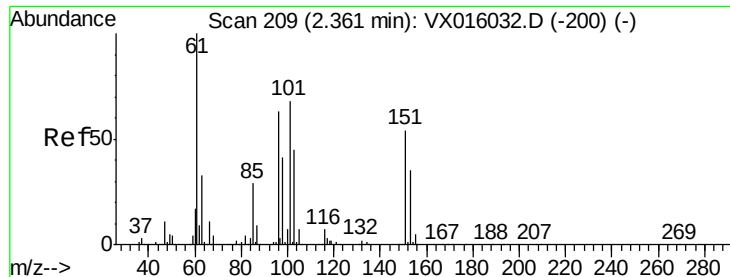


#8

Diethyl Ether
Concen: 47.385 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.120 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

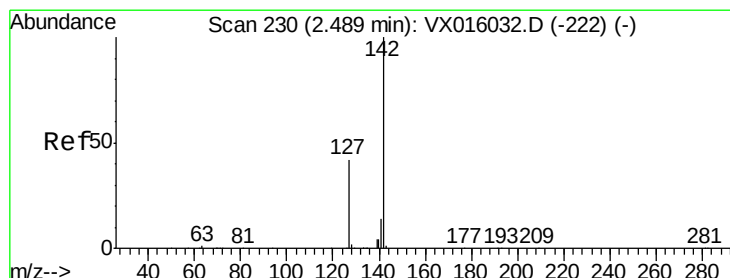
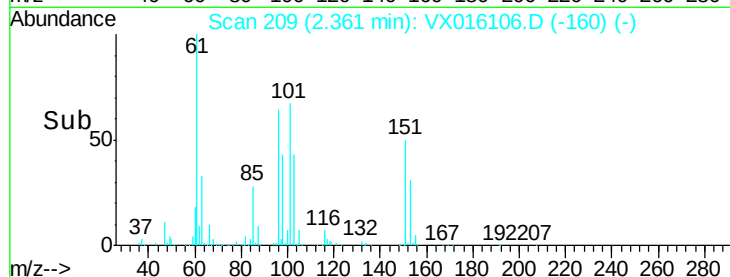
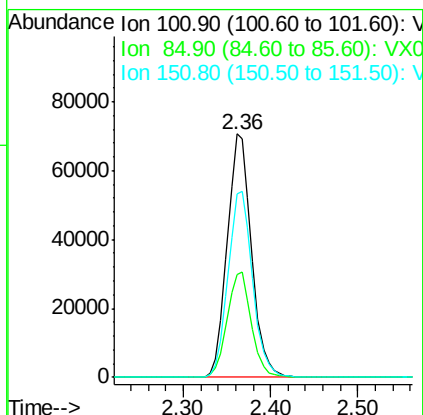
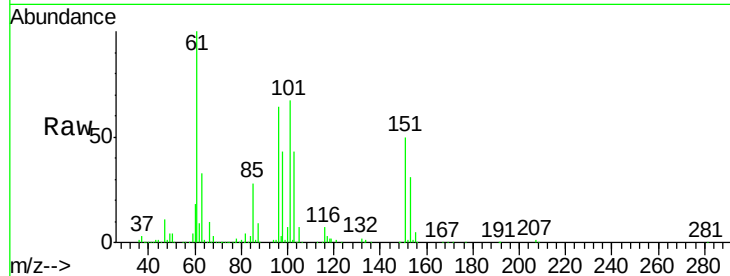
ClientSampleId :

SS038RW151-200503MSD

Tot Ion:	101	Resp:	136392
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.2	51.4
151	77.7	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 47.487 ug/l

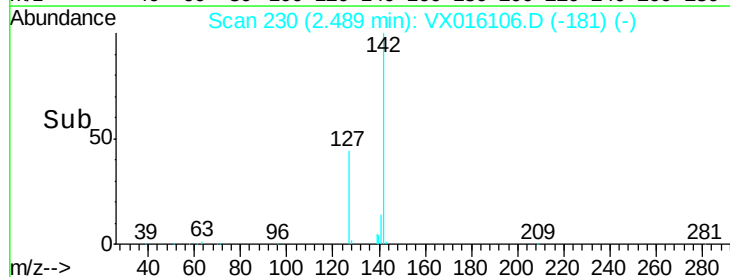
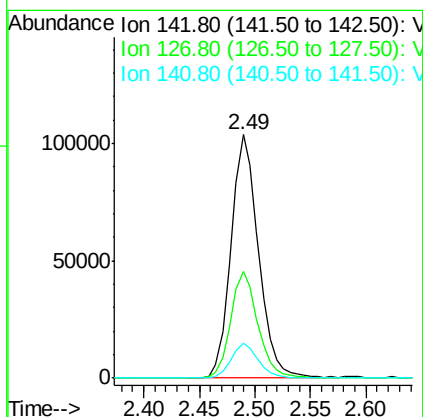
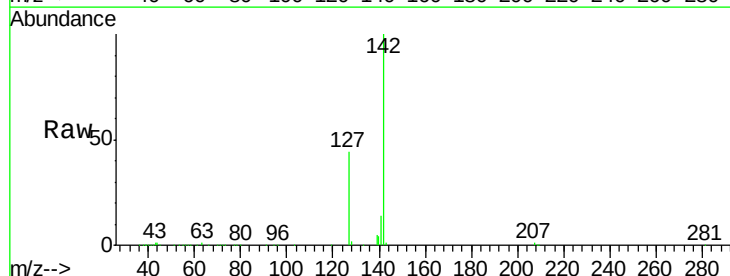
RT: 2.49 min Scan# 230

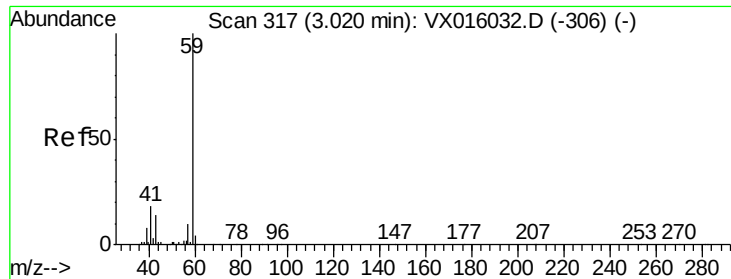
Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Tgt Ion:	142	Resp:	177114
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	52.0
141	14.2	11.3	16.9





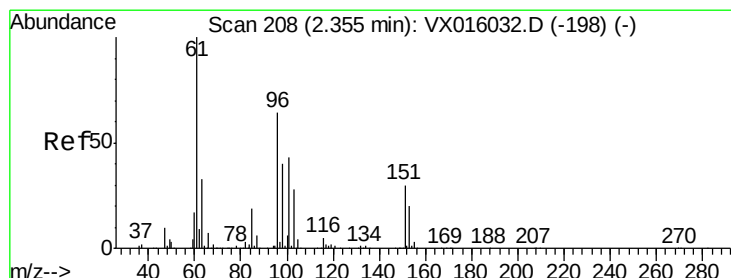
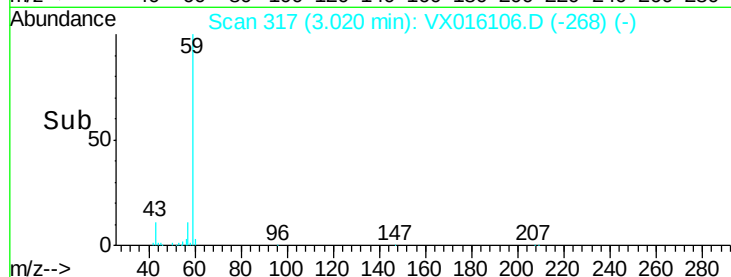
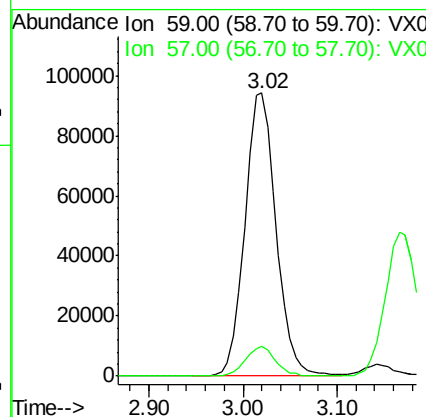
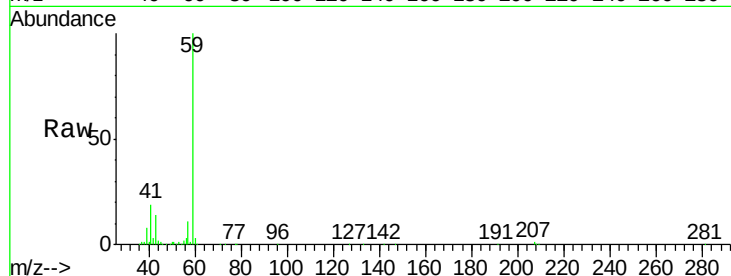
#11
Tert butyl alcohol
Concen: 234.409 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

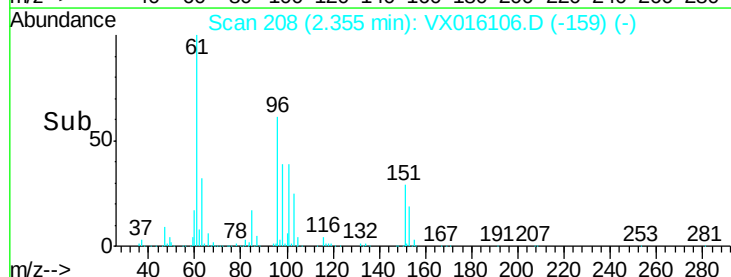
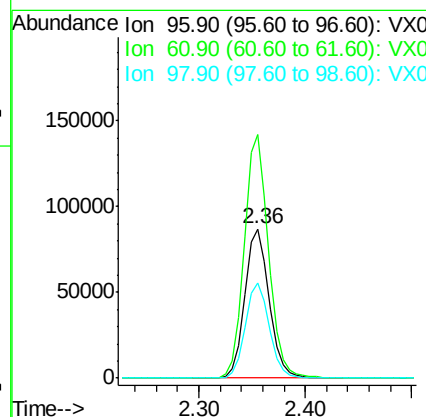
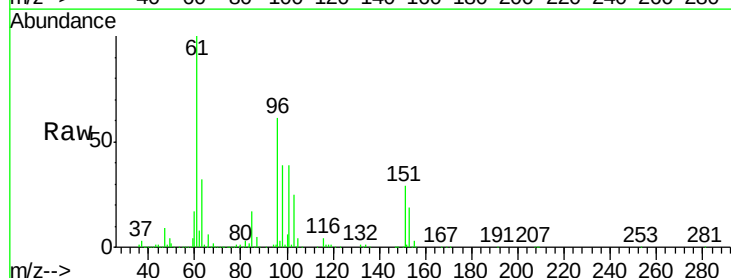
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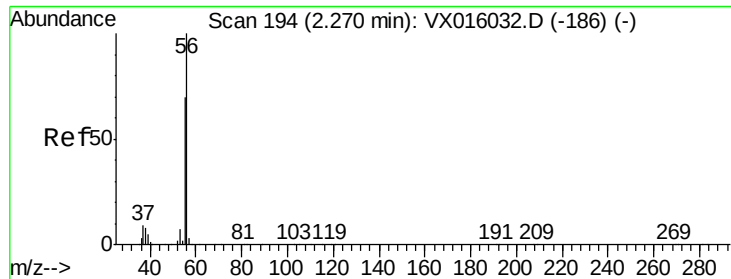
MMDadoda
5/8/2020 11:51:05 AM



#12
1,1-Dichloroethene
Concen: 48.005 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.0	124.8	187.2
98	63.7	49.7	74.5





#13

Acrolein

Concen: 218.123 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 56 Resp: 126959

Ion Ratio Lower Upper

56 100

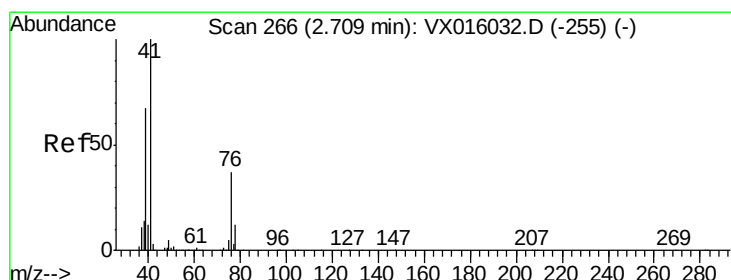
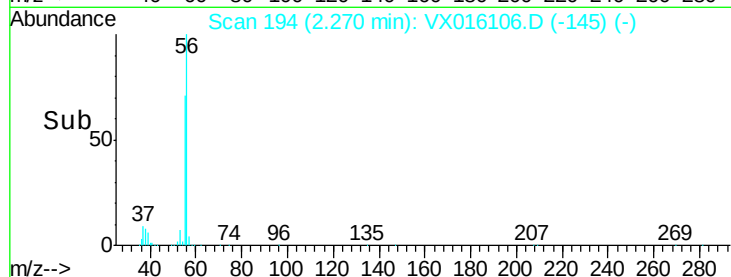
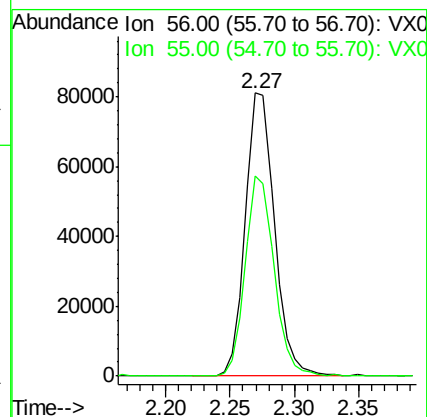
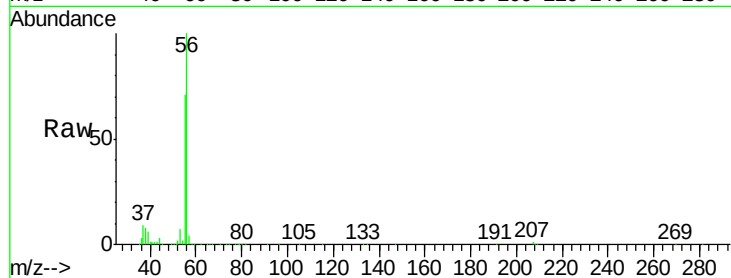
55 69.6 56.5 84.7

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#14

Allyl chloride

Concen: 48.115 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

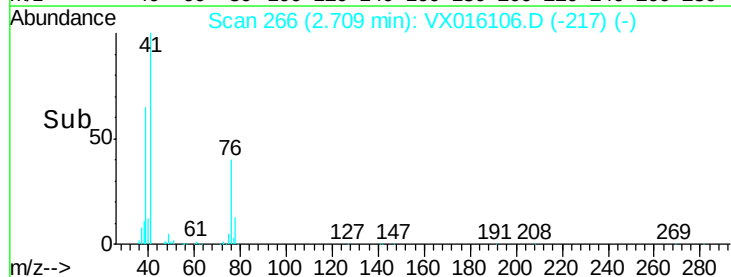
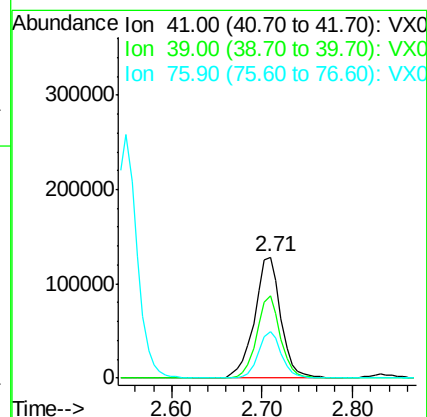
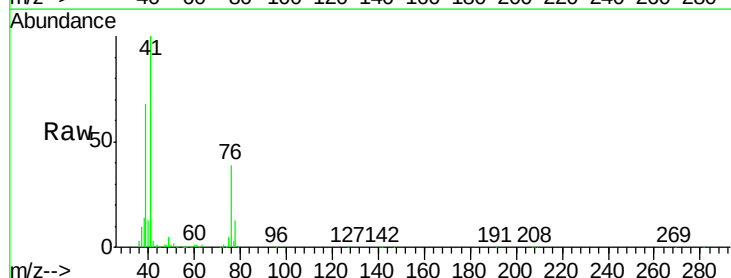
Tgt Ion: 41 Resp: 256345

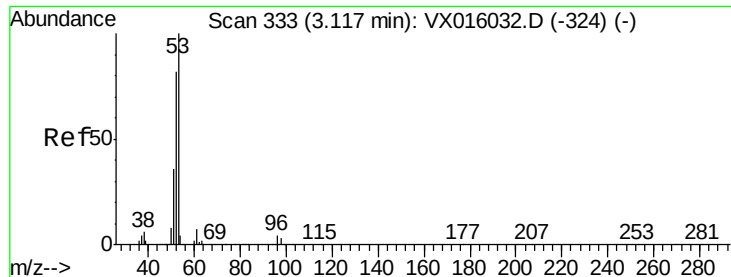
Ion Ratio Lower Upper

41 100

39 61.0 50.5 75.7

76 33.7 26.6 40.0





#15

Acrylonitrile

Concen: 250.788 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

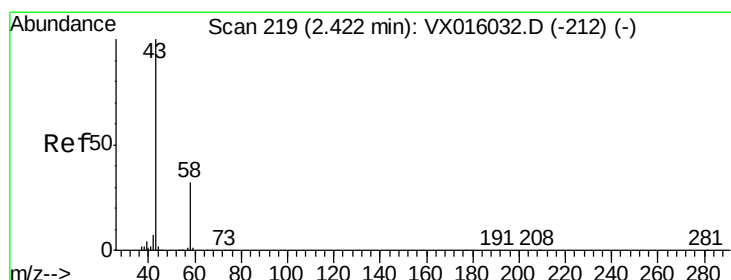
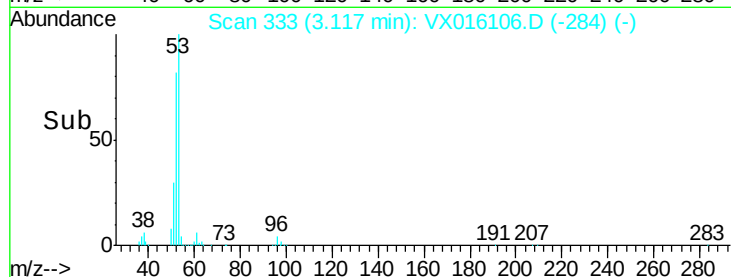
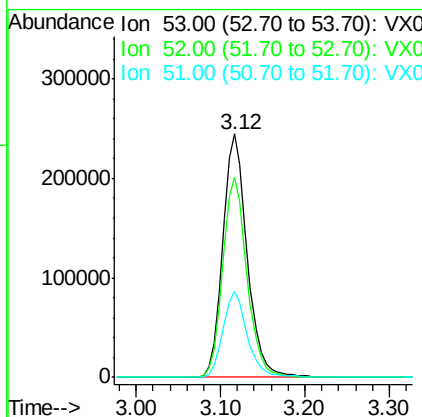
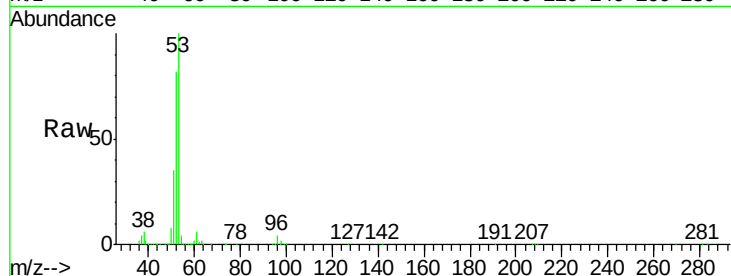
ClientSampleId :

SS038RW151-200503MSD

Tot Ion:	53	Resp:	483918
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.1	99.1
51	35.6	28.8	43.2

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#16

Acetone

Concen: 243.153 ug/l

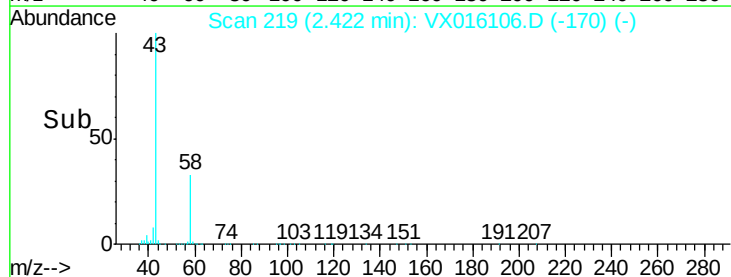
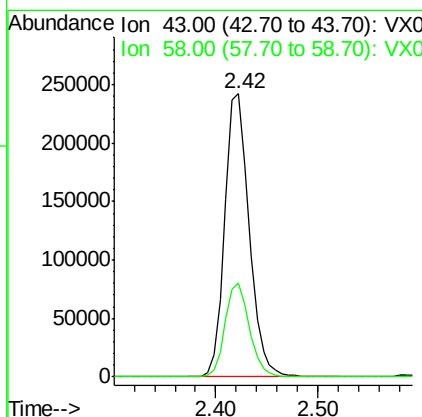
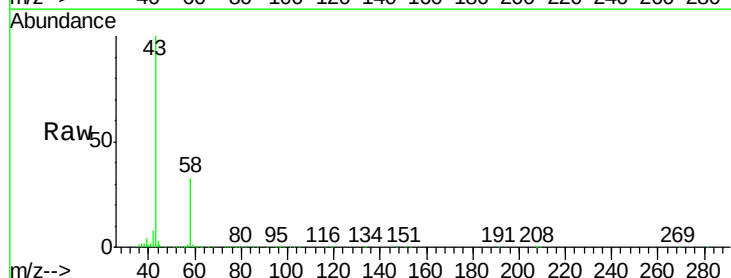
RT: 2.42 min Scan# 219

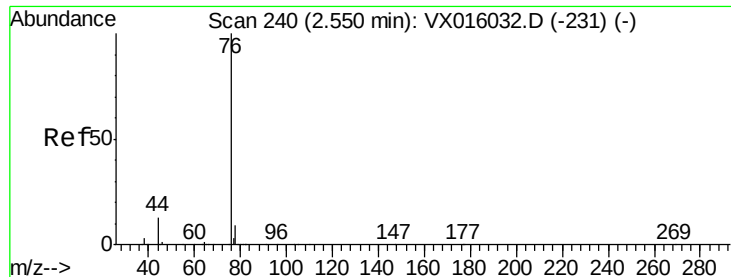
Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Tgt Ion:	43	Resp:	399068
Ion Ratio	Lower	Upper	
43	100		
58	33.2	25.4	38.0





#17

Carbon Disulfide

Concen: 48.084 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 76 Resp: 419652

Ion Ratio Lower Upper

76 100

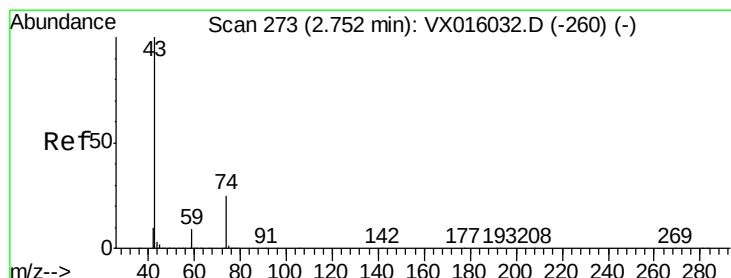
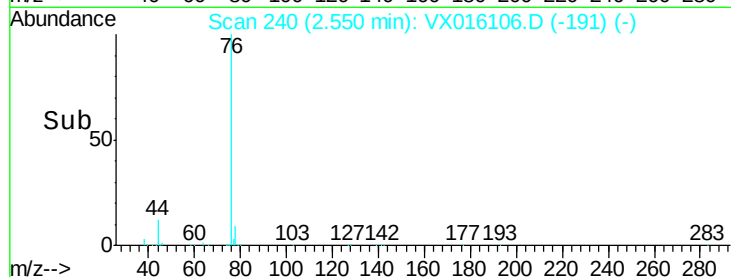
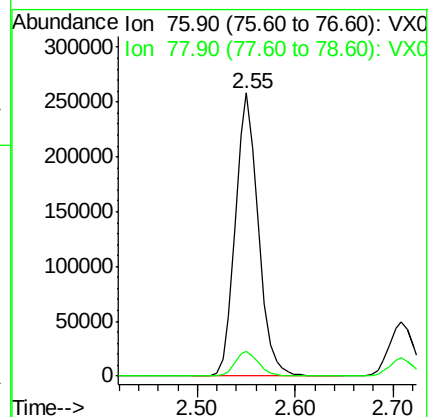
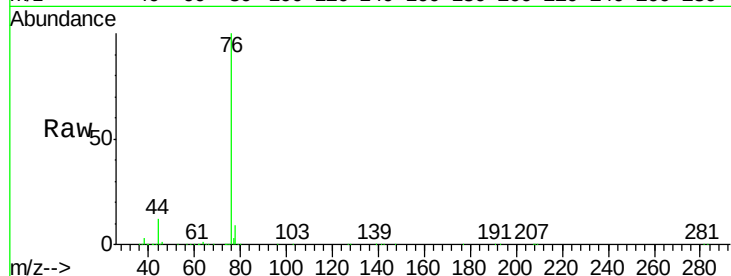
78 8.8 7.5 11.3

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#18

Methyl Acetate

Concen: 47.269 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016106.D

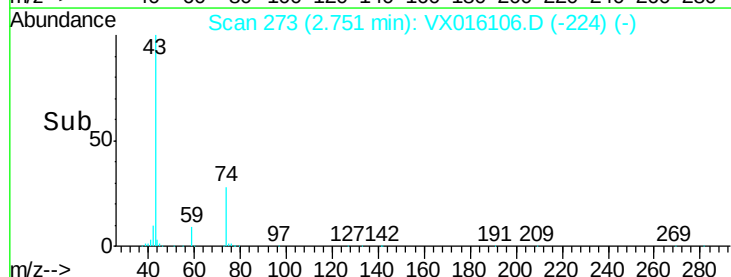
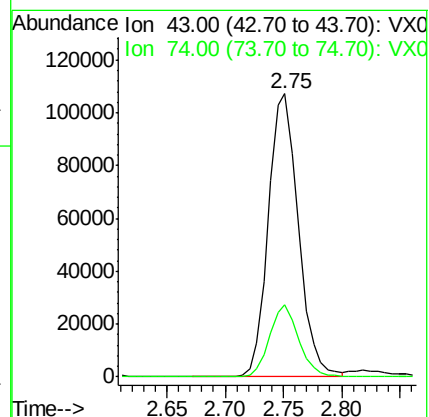
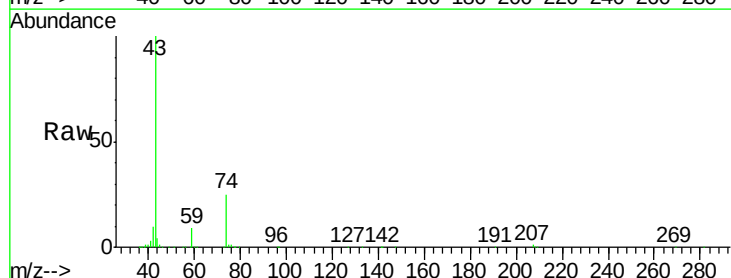
Acq: 07 May 2020 19:51

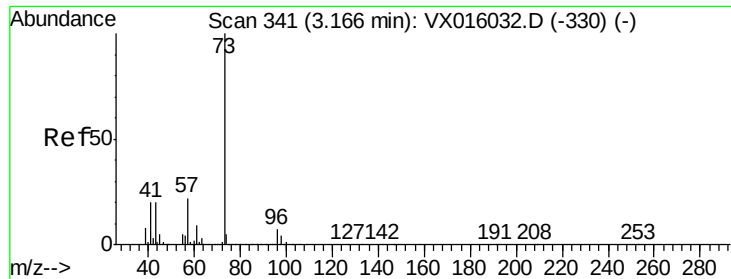
Tgt Ion: 43 Resp: 190746

Ion Ratio Lower Upper

43 100

74 25.1 20.2 30.2





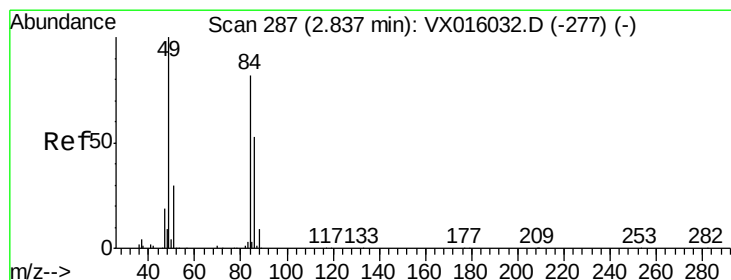
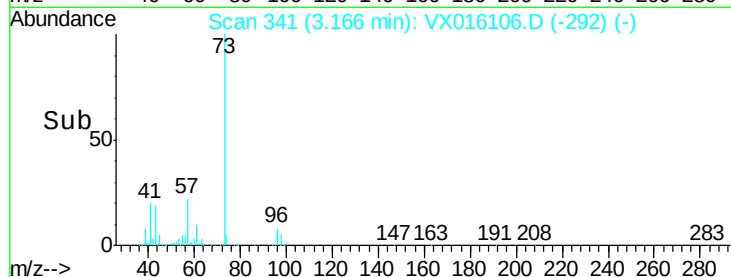
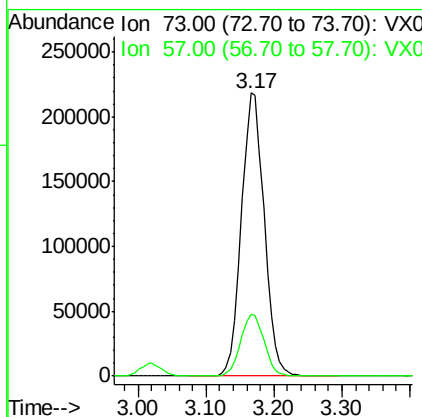
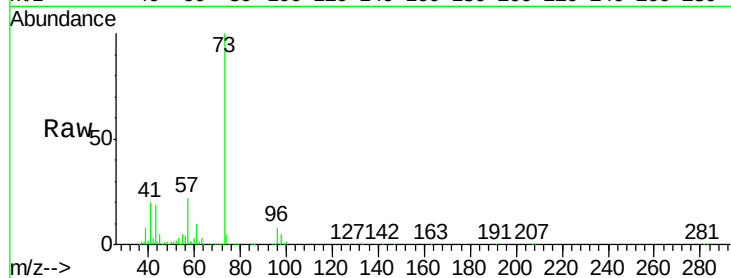
#19
Methyl tert-butyl Ether
Concen: 50.782 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

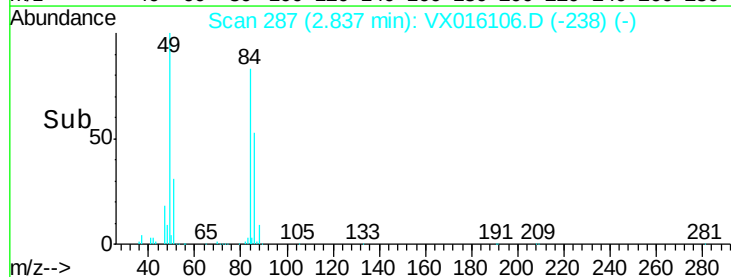
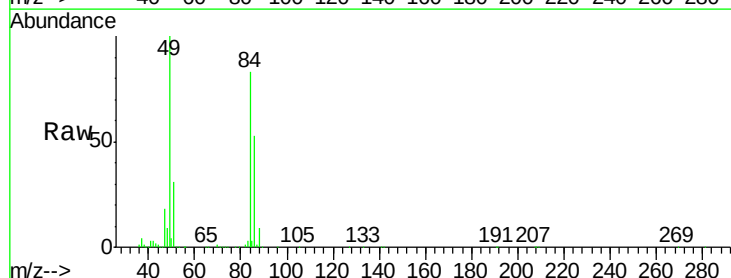
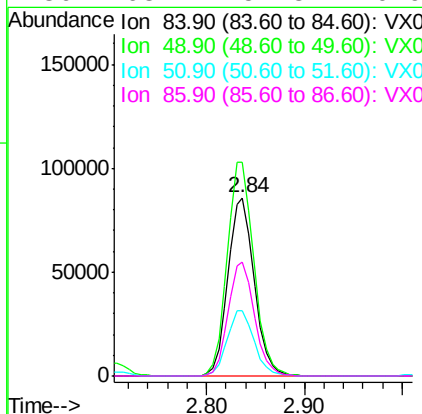
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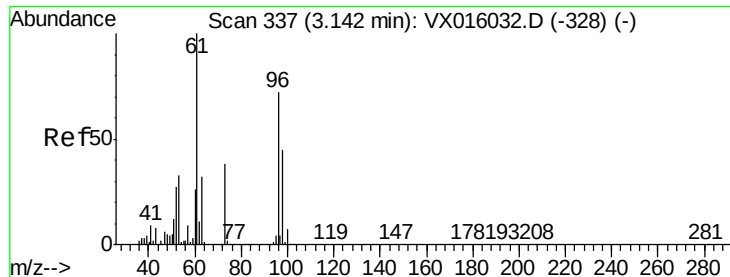
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#20
Methylene Chloride
Concen: 47.320 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	97.3	145.9
51	36.8	29.3	43.9
86	63.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 48.211 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

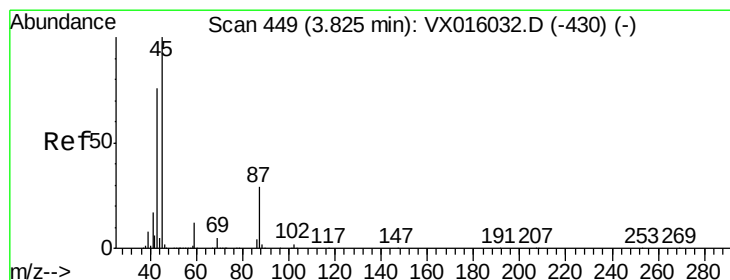
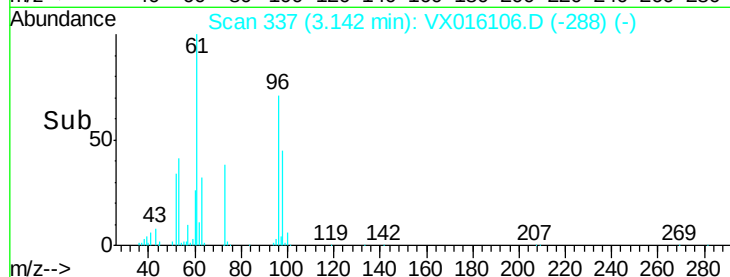
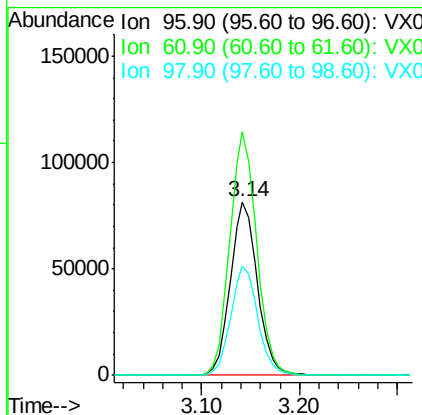
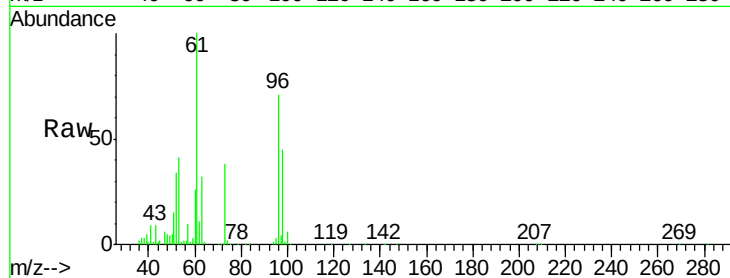
ClientSampleId :

SS038RW151-200503MSD

Tot Ion:	96	Resp:	156110
Ion	Ratio	Lower	Upper
96	100		
61	140.2	111.2	166.8
98	62.7	50.2	75.4

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#22

Diisopropyl ether

Concen: 50.089 ug/l

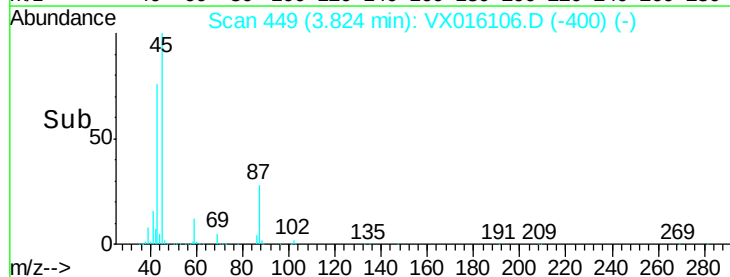
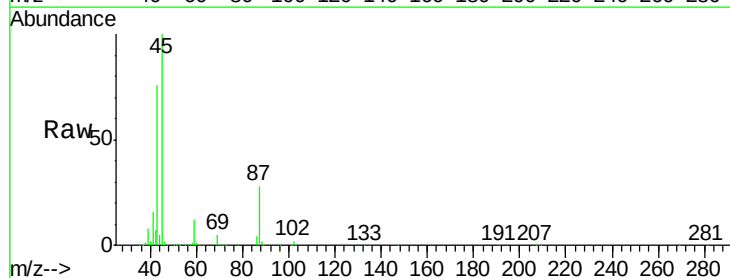
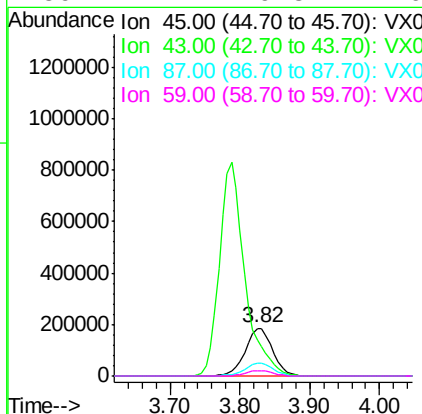
RT: 3.82 min Scan# 449

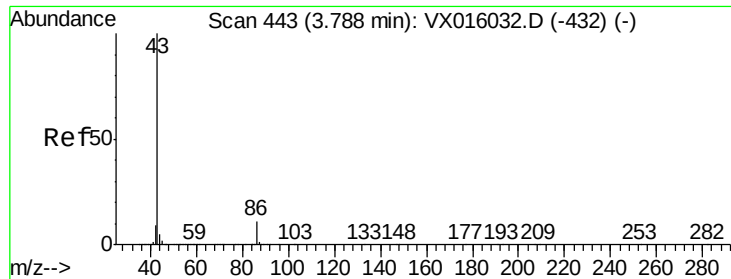
Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Tgt Ion:	45	Resp:	503447
Ion	Ratio	Lower	Upper
45	100		
43	75.6	61.1	91.7
87	27.8	23.0	34.6
59	12.1	9.8	14.6





#23

Vinyl Acetate

Concen: 236.997 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 43 Resp: 2095726

Ion Ratio Lower Upper

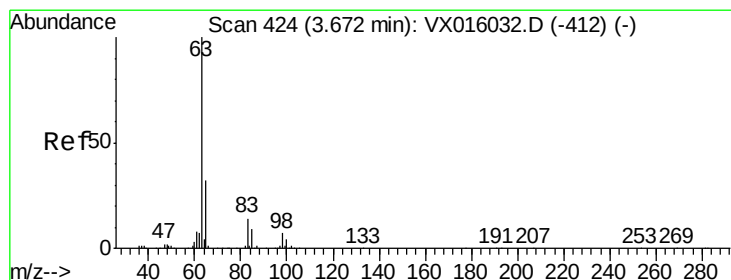
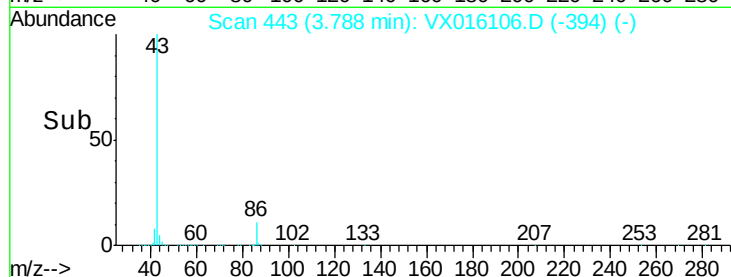
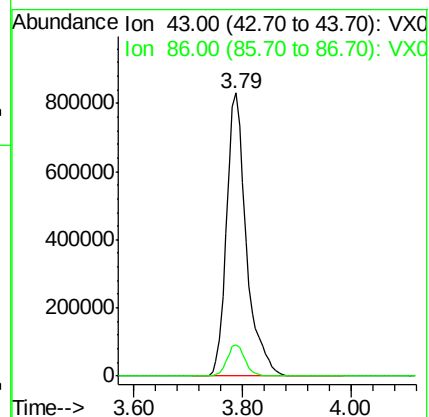
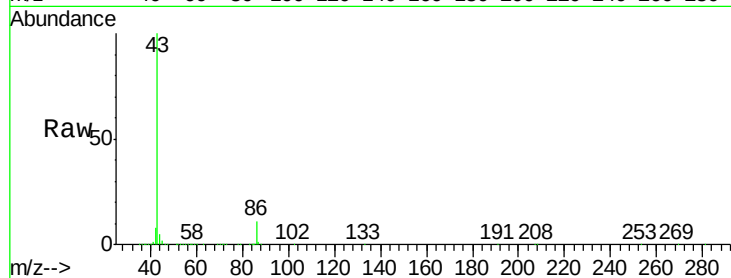
43 100

86 11.0 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 50.494 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

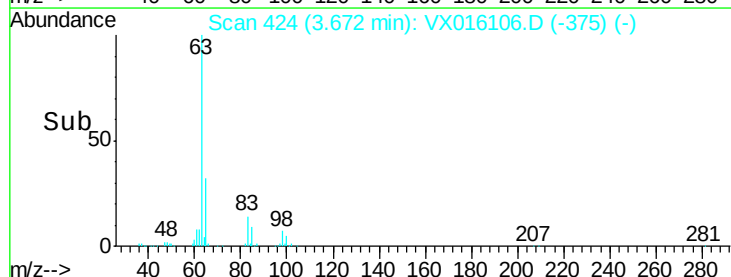
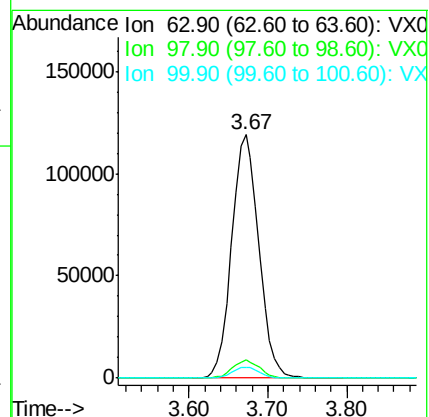
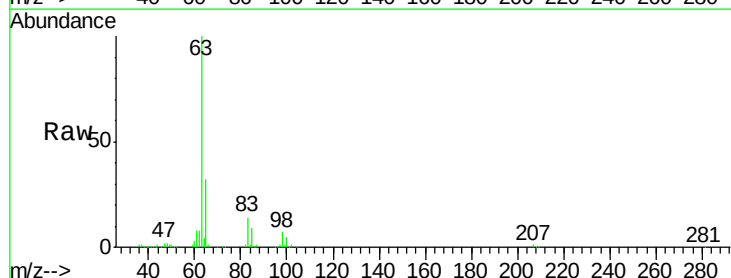
Tgt Ion: 63 Resp: 283909

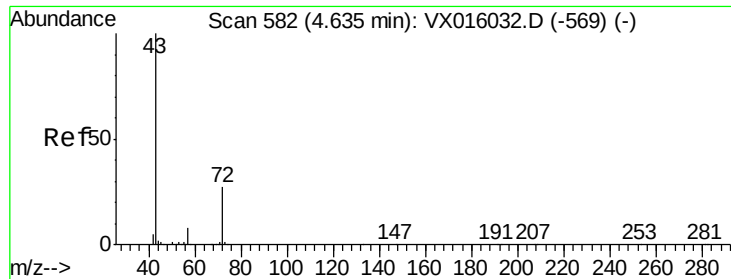
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 253.465 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 43 Resp: 670331

Ion Ratio Lower Upper

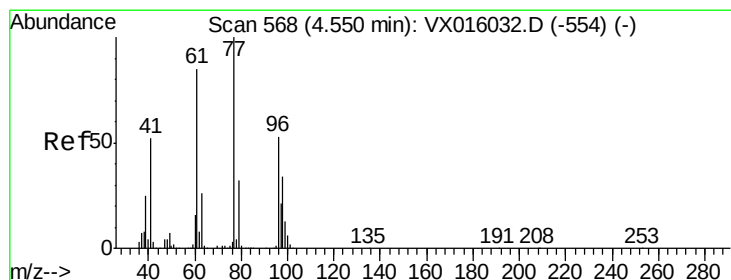
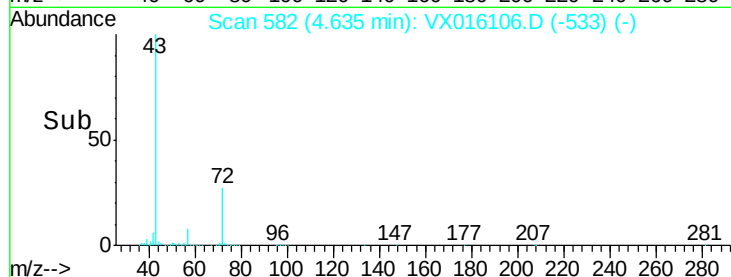
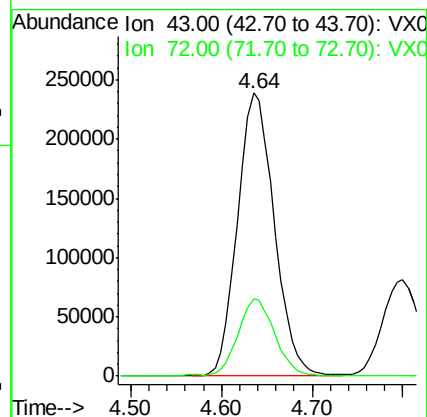
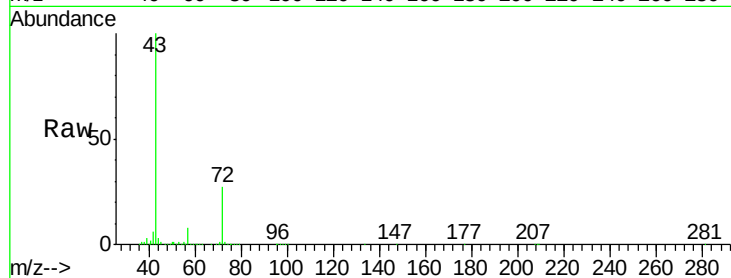
43 100

72 27.0 21.8 32.8

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#26

2,2-Dichloropropane

Concen: 42.041 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016106.D

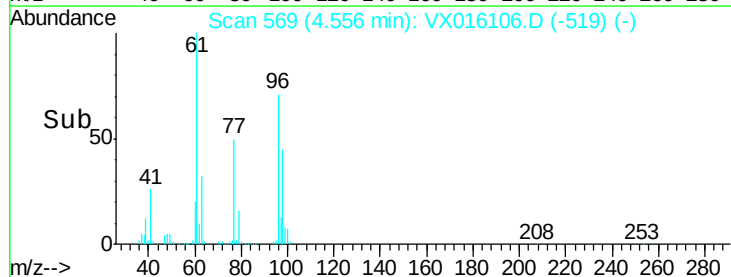
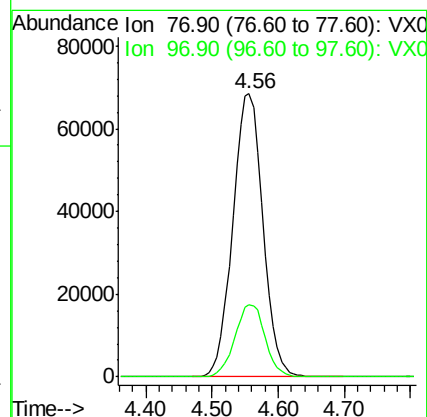
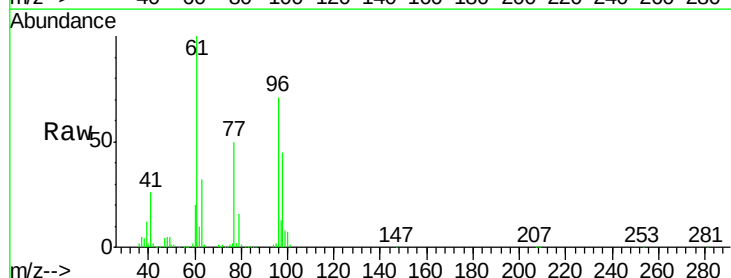
Acq: 07 May 2020 19:51

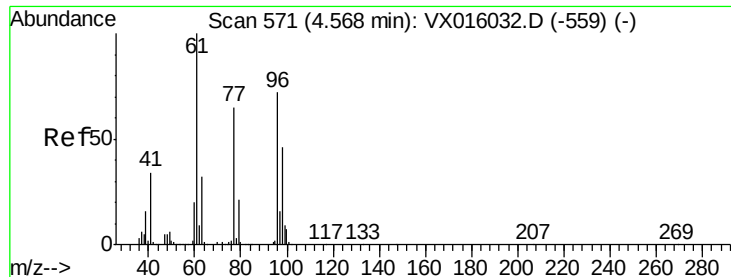
Tgt Ion: 77 Resp: 215871

Ion Ratio Lower Upper

77 100

97 25.7 11.2 33.6





#27

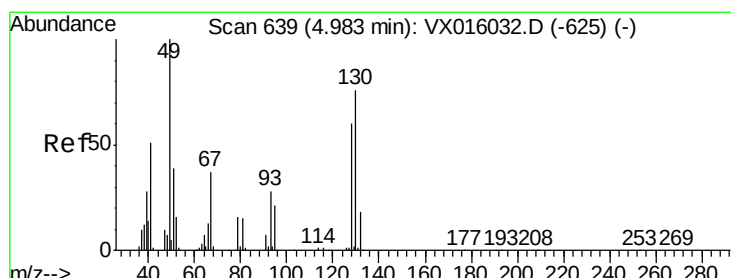
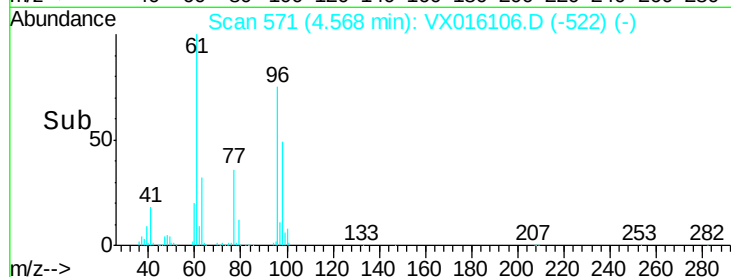
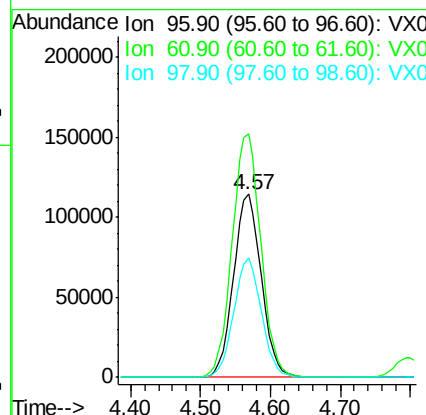
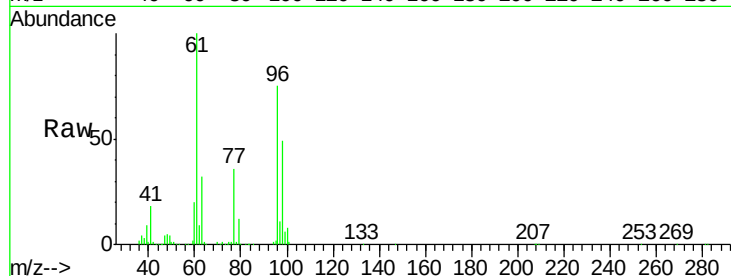
cis-1,2-Dichloroethene
Concen: 89.112 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	315453		
61	137.3	0.0	296.2	
98	64.4	0.0	129.4	

Manual Integrations
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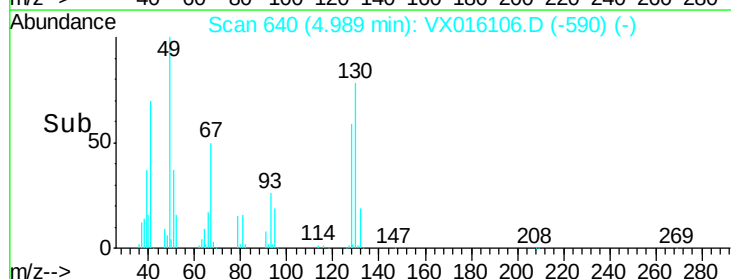
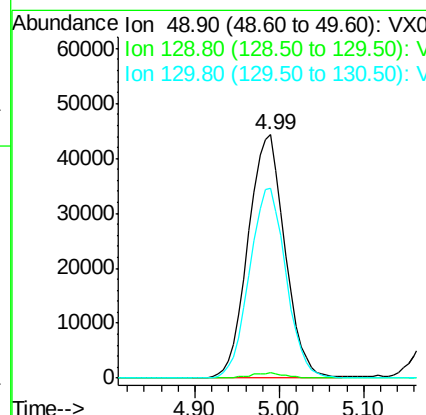
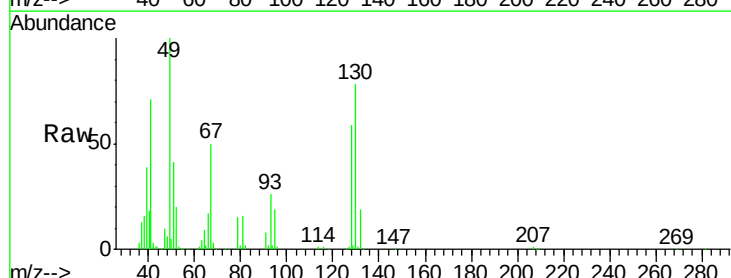
MMDadoda
5/8/2020 11:51:05 AM

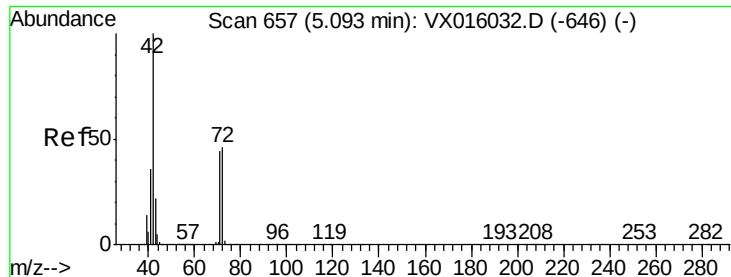


#28

Bromochloromethane
Concen: 51.364 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	131687		
129	2.0	0.0	4.0	
130	77.5	62.4	93.6	





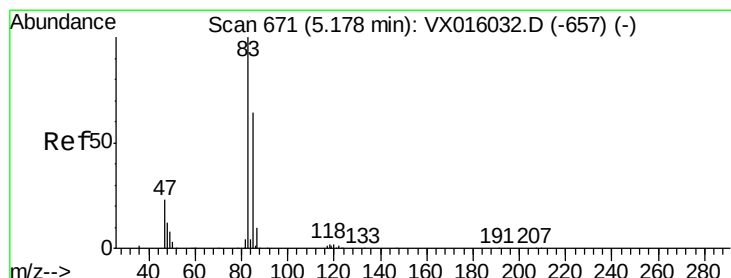
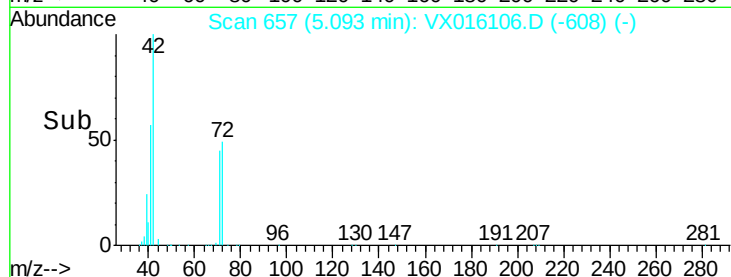
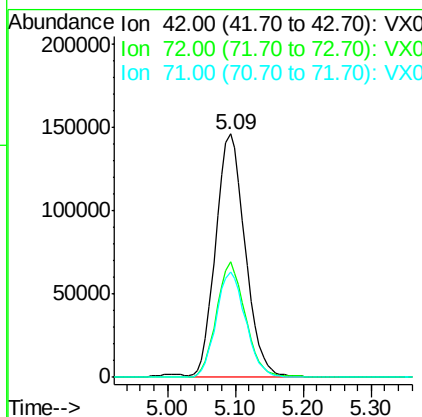
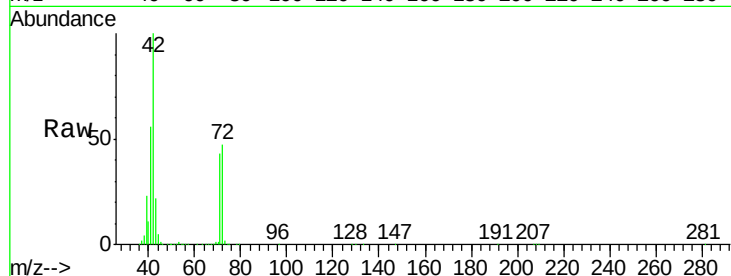
#29
Tetrahydrofuran
Concen: 250.579 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion:	42	Resp:	439104
Ion Ratio	Lower	Upper	
42	100		
72	46.7	37.1	55.7
71	43.3	34.5	51.7

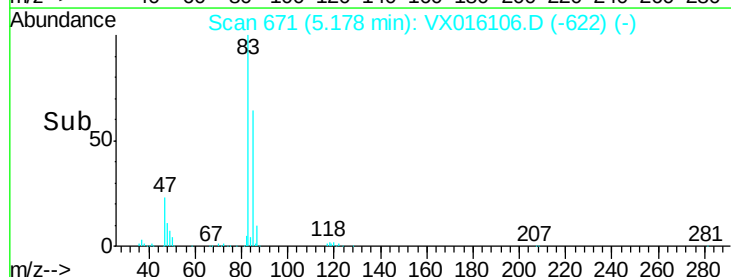
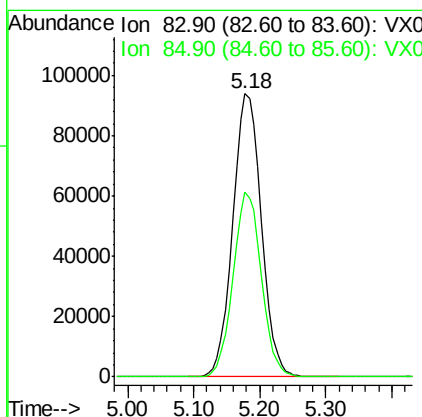
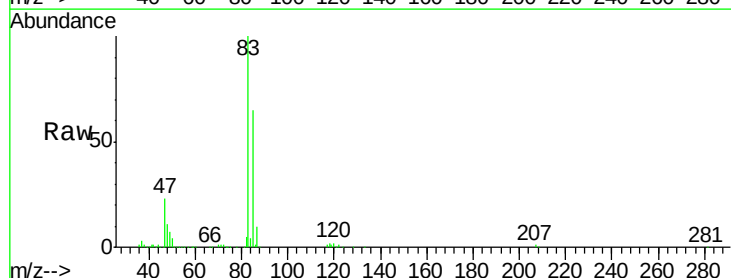
Manual Integrations
APPROVED

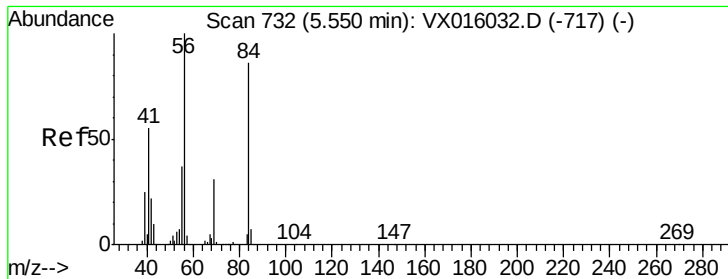
MMDadoda
5/8/2020 11:51:05 AM



#30
Chloroform
Concen: 50.303 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion:	83	Resp:	281607
Ion Ratio	Lower	Upper	
83	100		
85	65.4	51.6	77.4





#31

Cyclohexane

Concen: 49.757 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

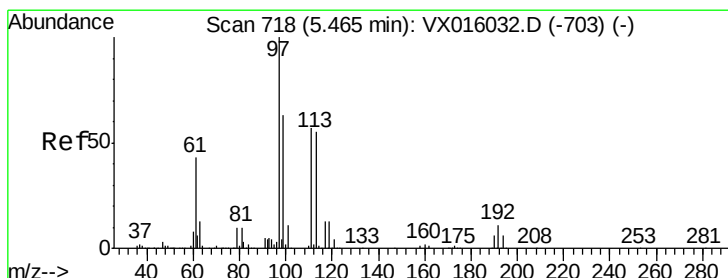
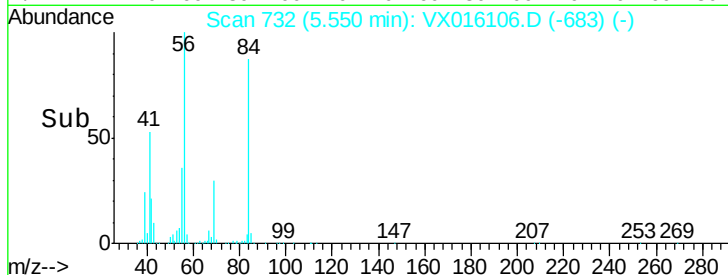
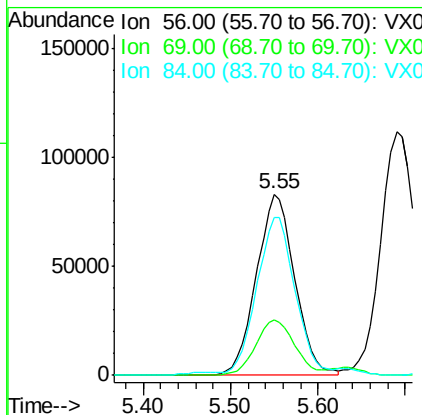
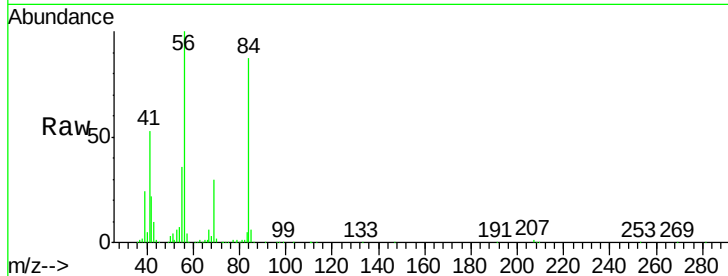
ClientSampleId :

SS038RW151-200503MSD

Tot Ion:	56	Resp:	254250
Ion Ratio	Lower	Upper	
56	100		
69	30.5	25.0	37.6
84	86.3	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.877 ug/l

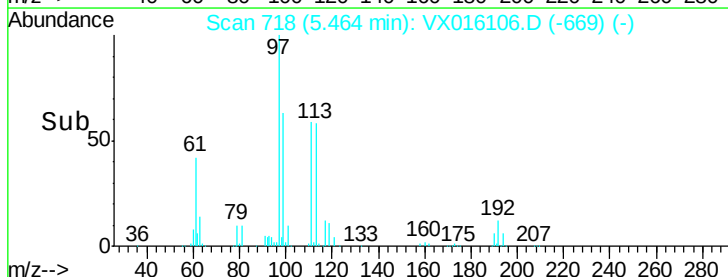
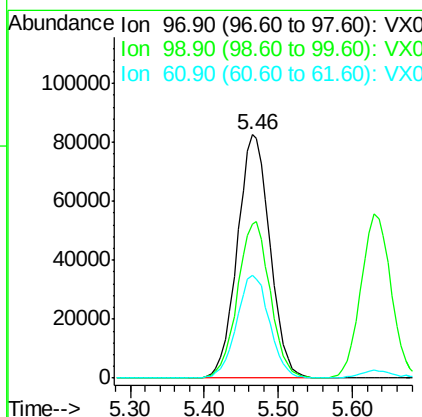
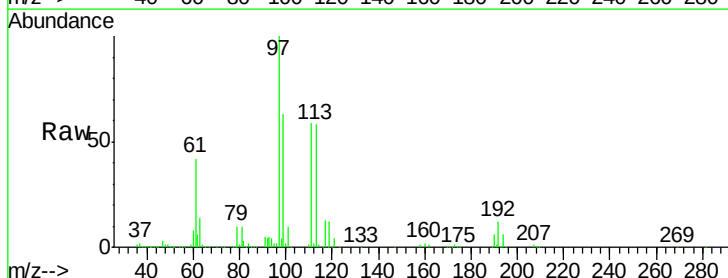
RT: 5.46 min Scan# 718

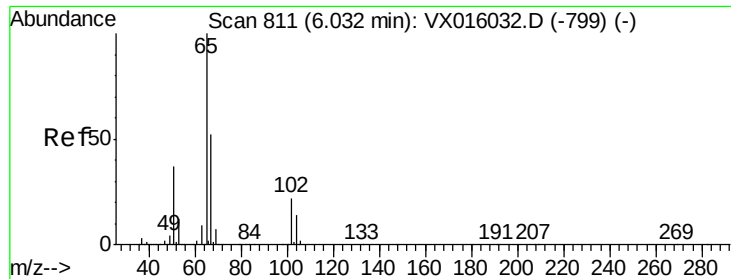
Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Tgt Ion:	97	Resp:	253809
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.0	76.4
61	42.6	34.5	51.7





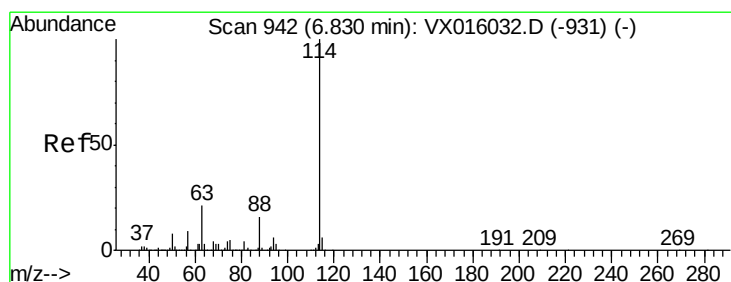
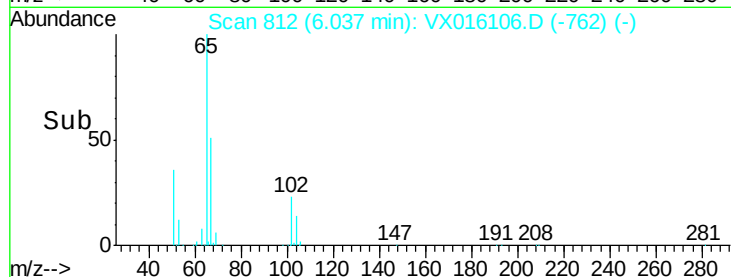
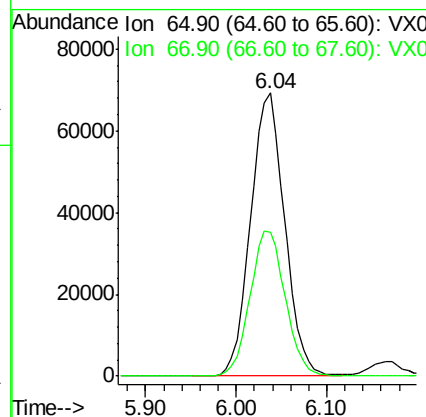
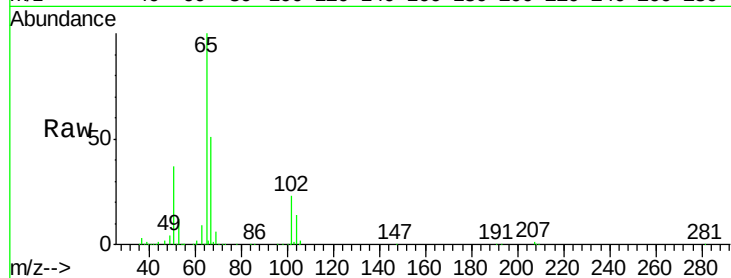
#33
 1,2-Dichloroethane-d4
 Concen: 49.011 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	104.8	

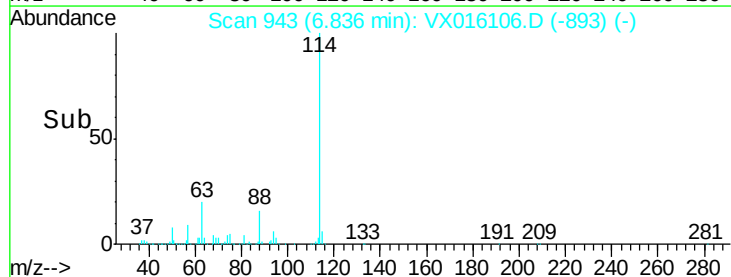
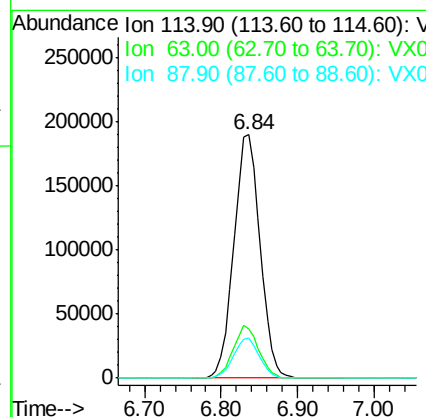
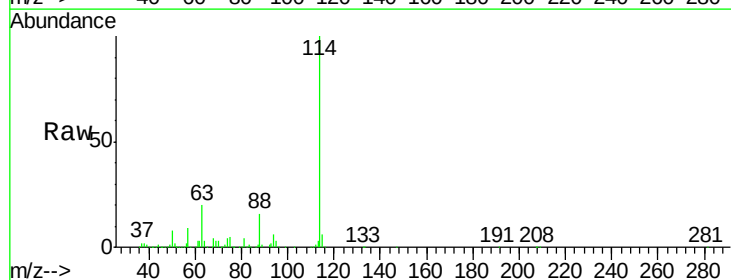
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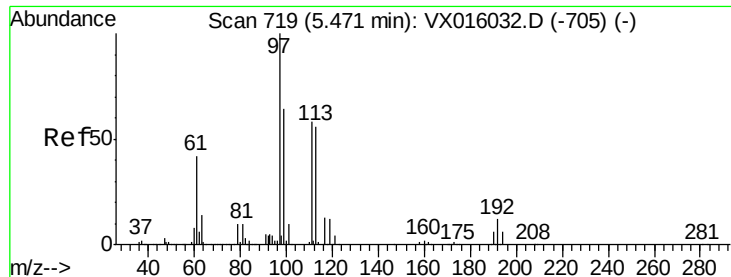
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.3	0.0	42.8	
88	16.3	0.0	31.4	





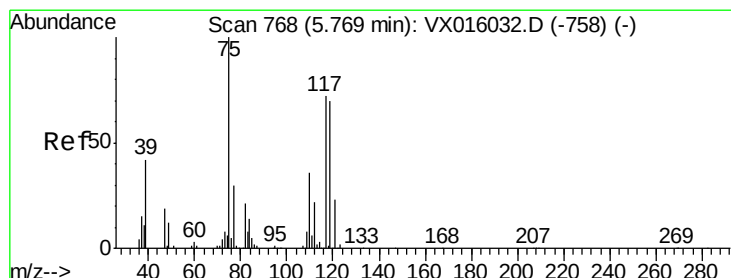
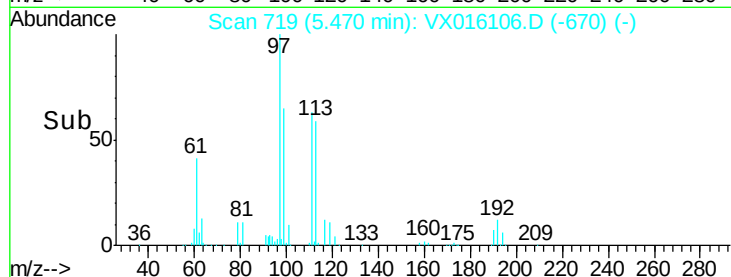
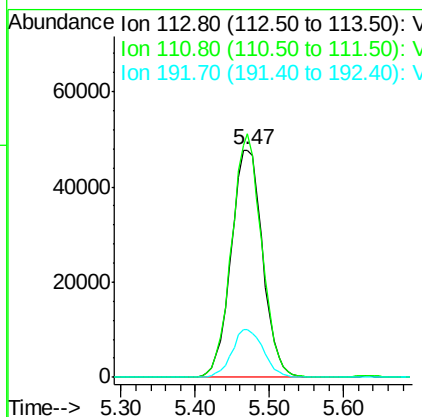
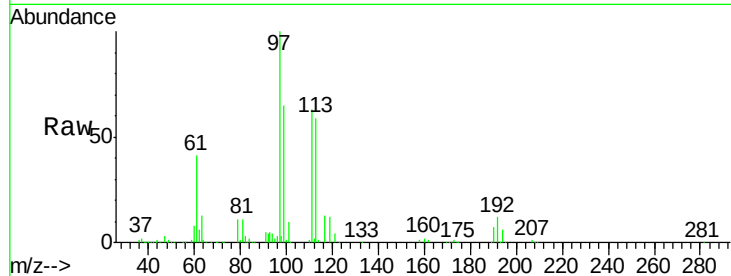
#35
 Dibromofluoromethane
 Concen: 49.790 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141728		
111	102.1	81.6	122.4	
192	21.0	17.0	25.4	

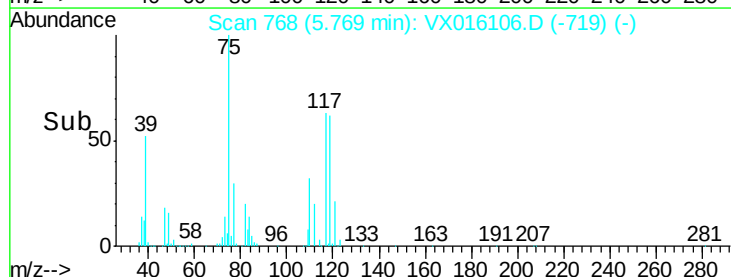
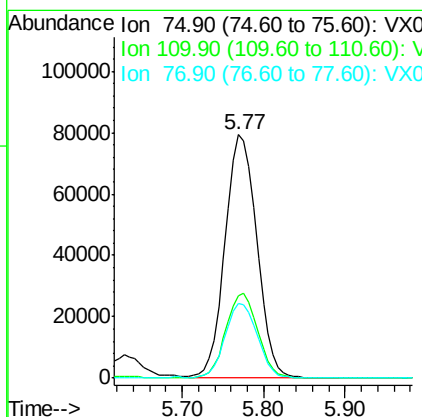
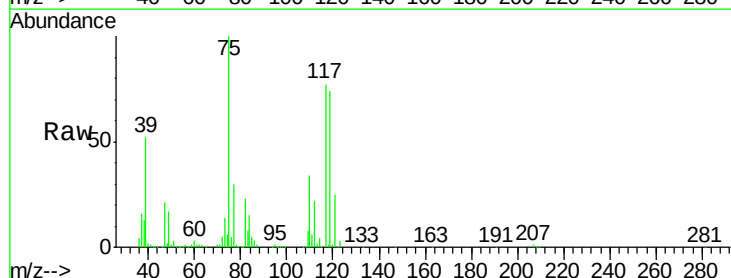
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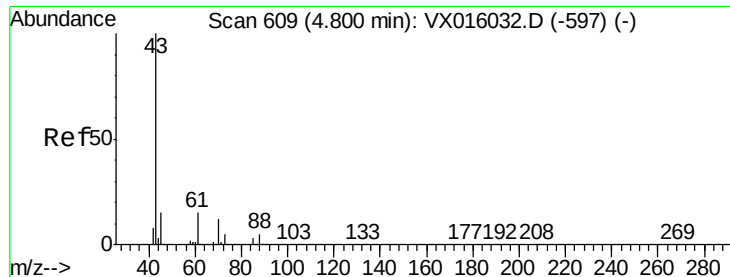
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#36
 1,1-Dichloropropene
 Concen: 48.372 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	213936		
110	35.0	18.1	54.1	
77	31.2	25.0	37.6	





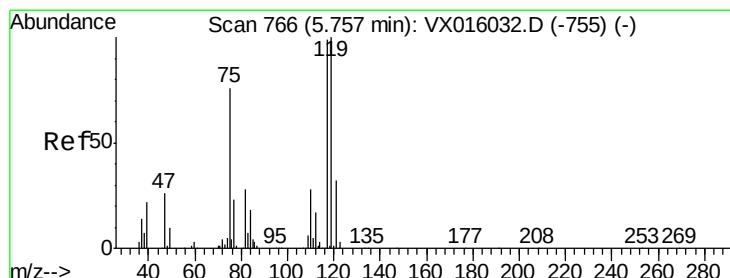
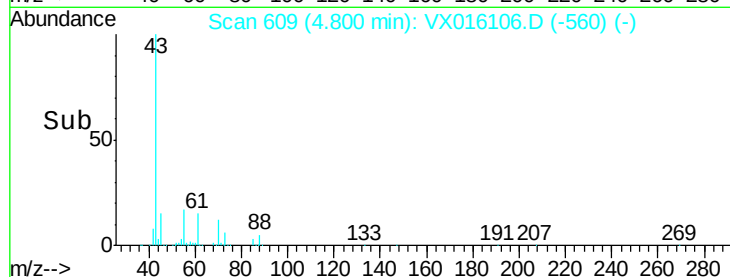
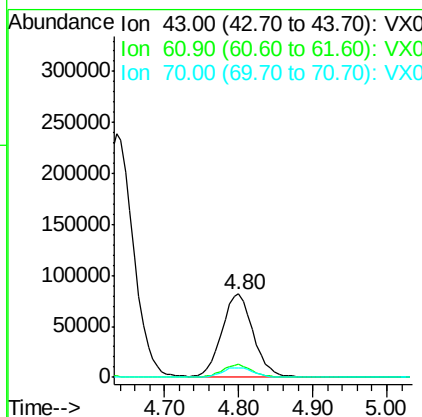
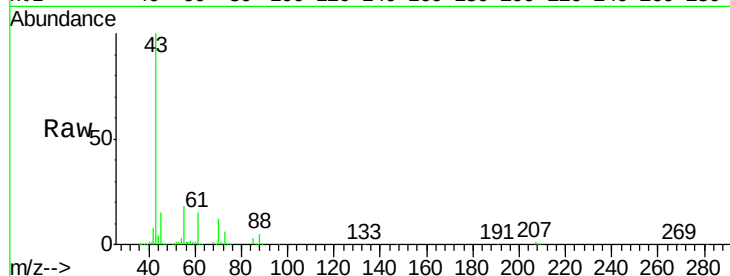
#37
Ethyl Acetate
Concen: 46.743 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion	43	Resp	239606
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.7	17.5
70	11.8	9.3	13.9

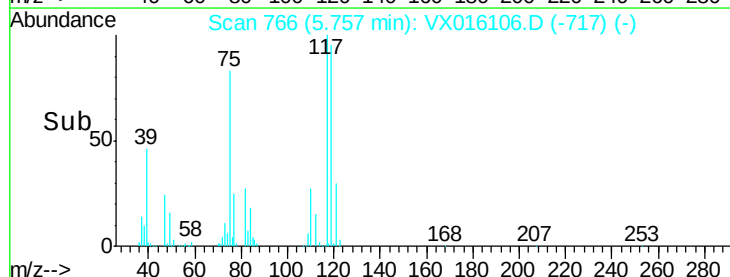
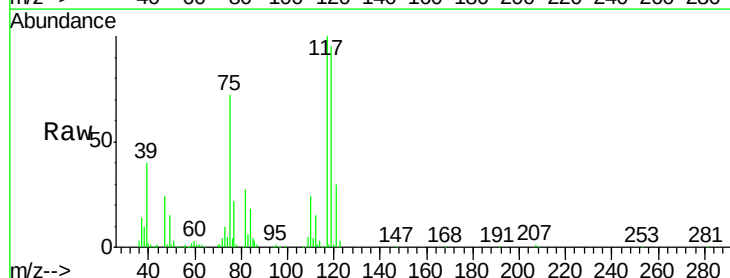
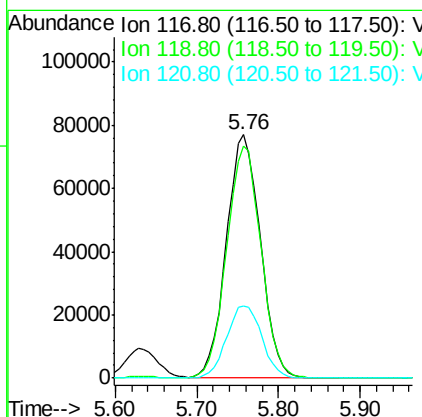
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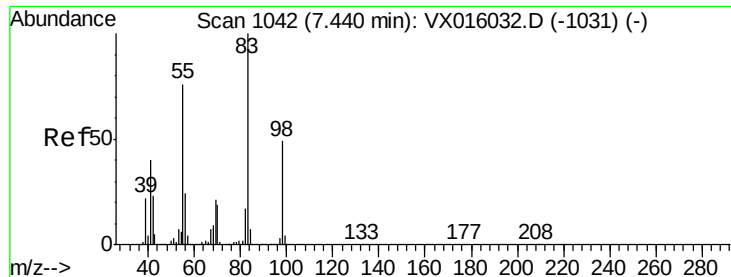
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#38
Carbon Tetrachloride
Concen: 49.472 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	117	Resp	222397
Ion	Ratio	Lower	Upper
117	100		
119	95.1	80.3	120.5
121	29.8	25.7	38.5





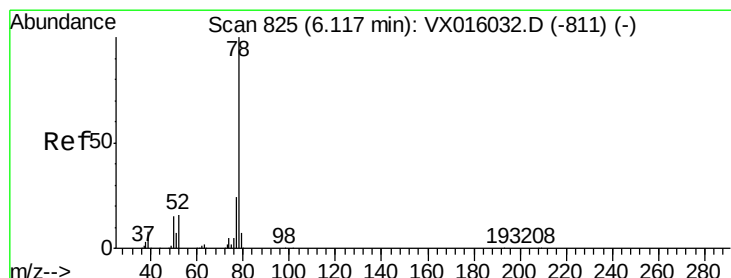
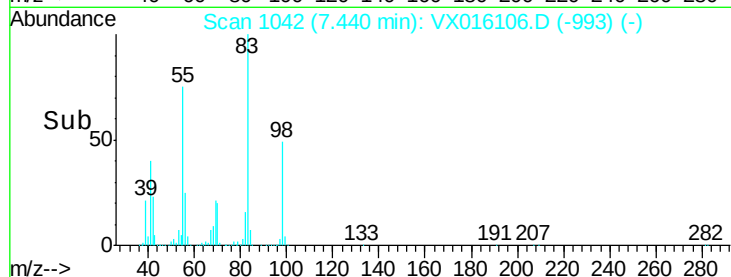
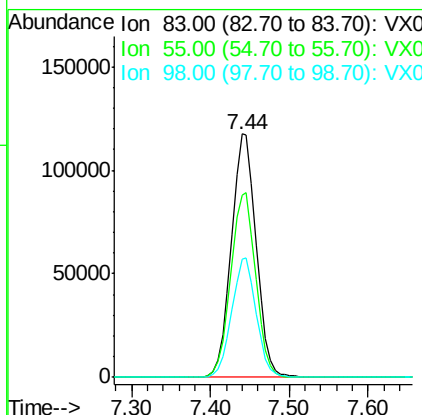
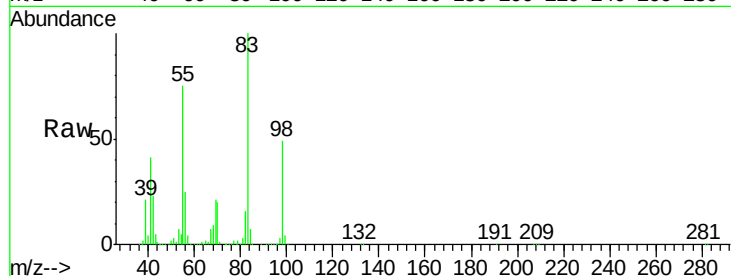
#39
Methylvlcyclohexane
Concen: 48.417 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.1	91.7
98	48.6	39.0	58.4

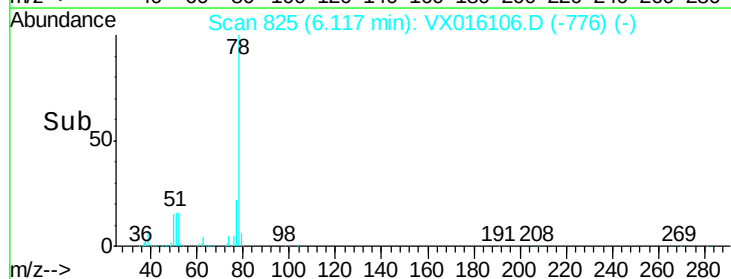
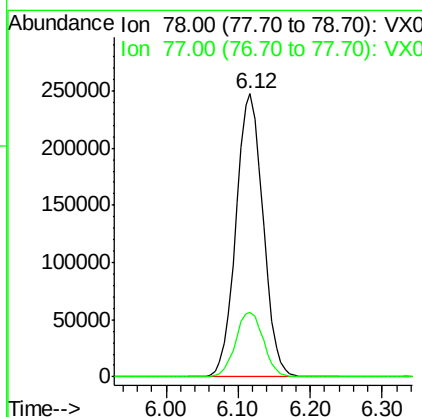
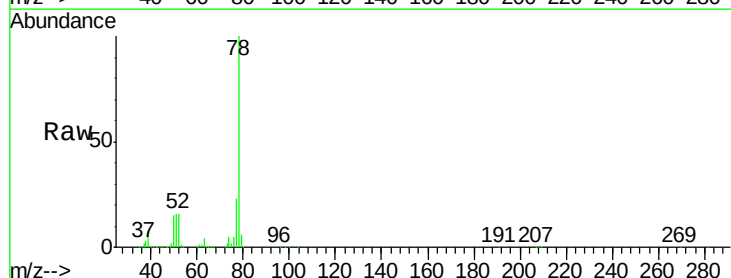
Manual Integrations
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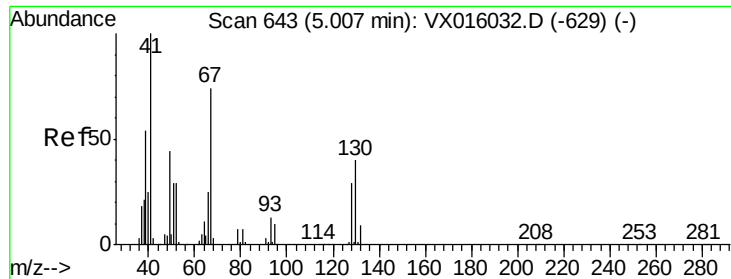
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#40
Benzene
Concen: 49.939 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4





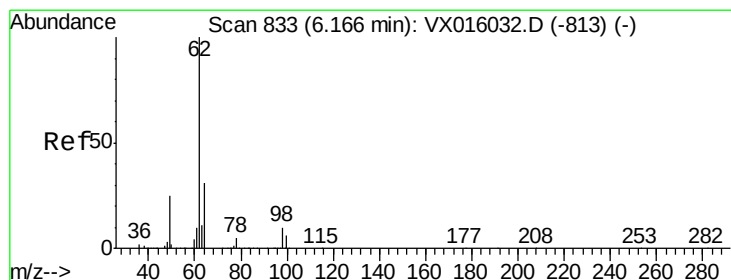
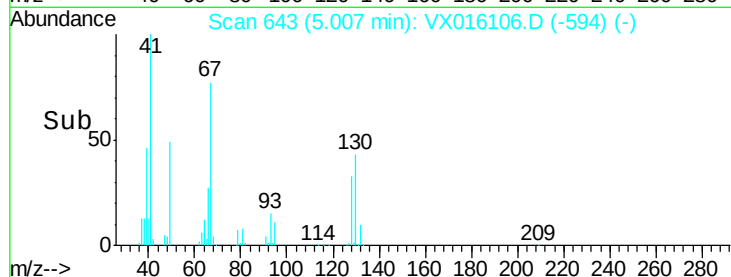
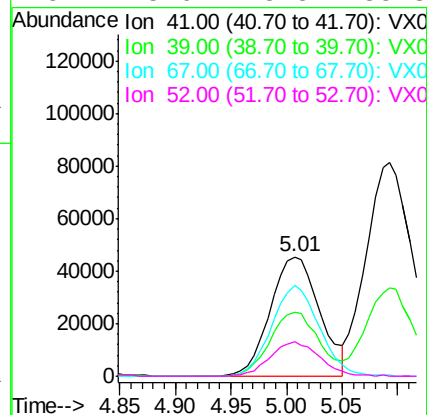
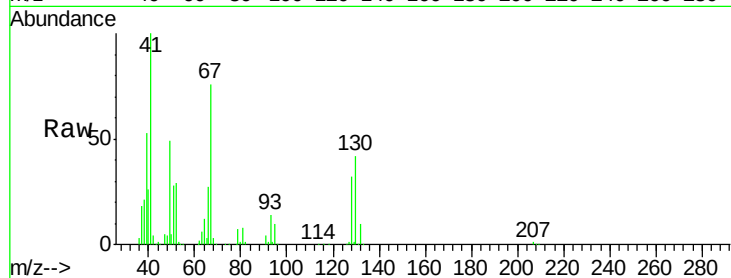
#41
Methacrylonitrile
Concen: 50.695 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.3	43.2	64.8		
67	73.7	59.3	88.9		
52	28.6	23.5	35.3		

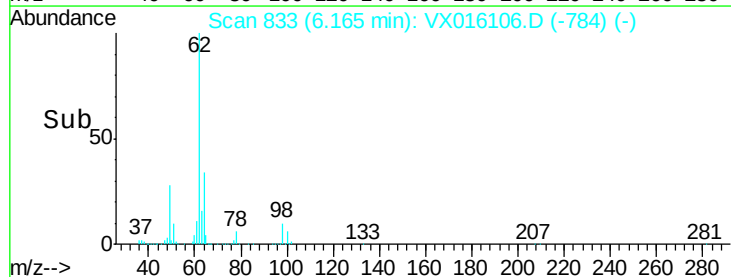
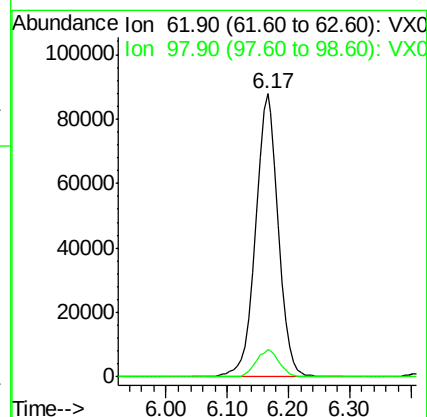
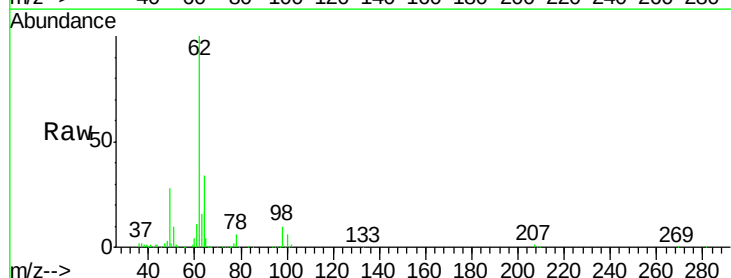
Manual Integrations
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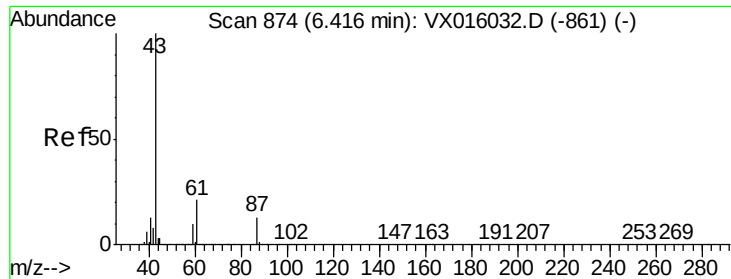
MMDadoda
5/8/2020 11:51:05 AM



#42
1,2-Dichloroethane
Concen: 49.109 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.9	0.0	19.4		





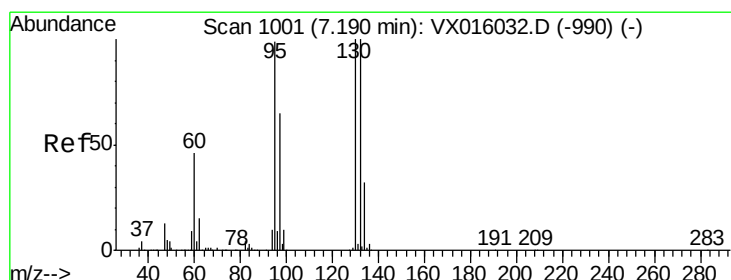
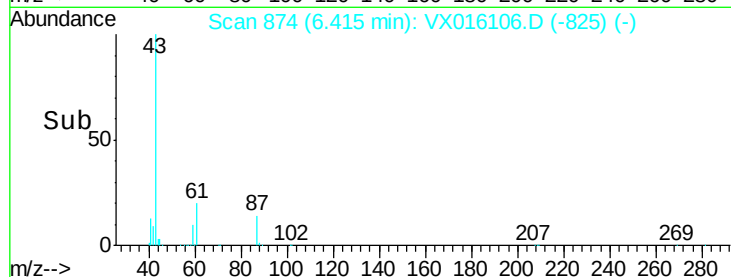
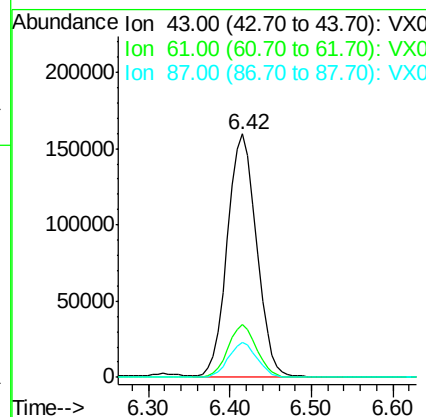
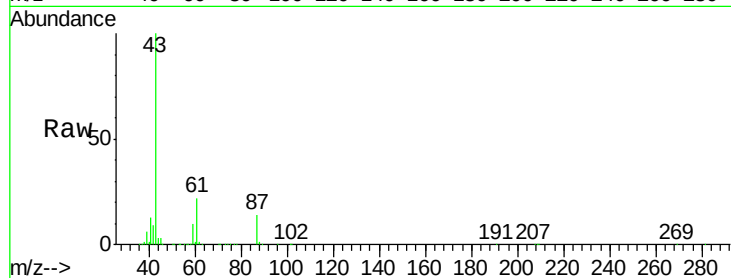
#43
Isopropyl Acetate
Concen: 48.106 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion	Ratio	Resp	Lower	Upper
43	100	393446		
61	21.2		17.0	25.4
87	14.0		11.0	16.6

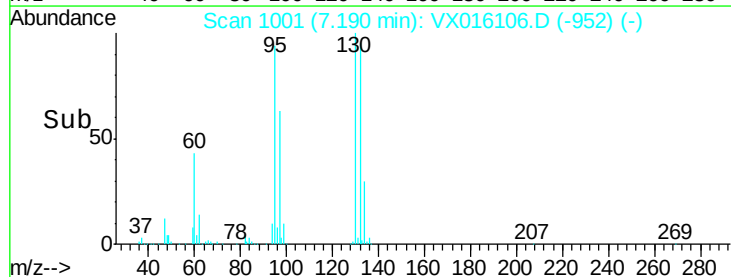
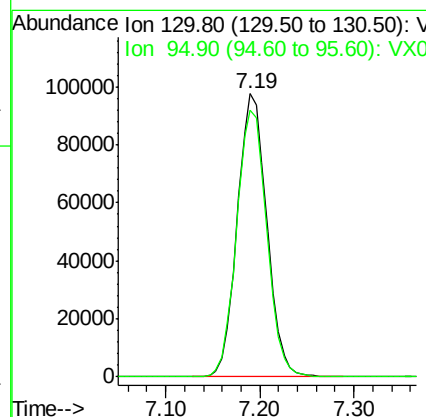
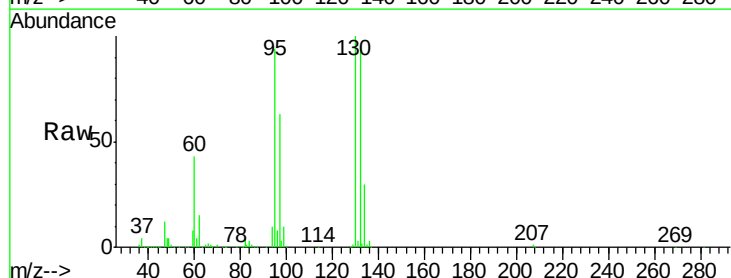
Manual Integrations
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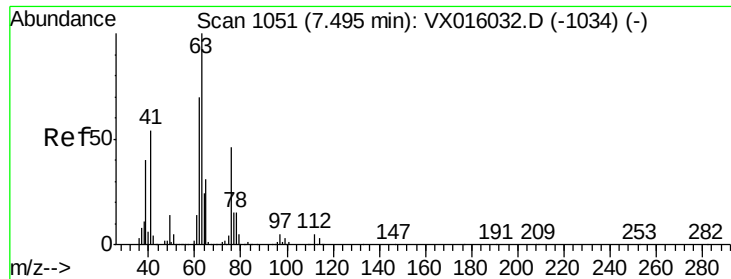
MMDadoda
5/8/2020 11:51:05 AM



#44
Trichloroethene
Concen: 46.390 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	213270		
95	94.1		0.0	197.4





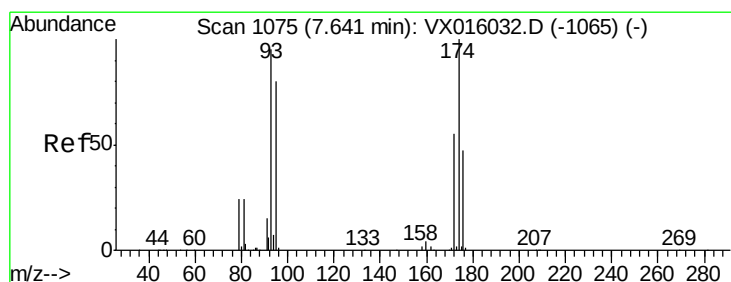
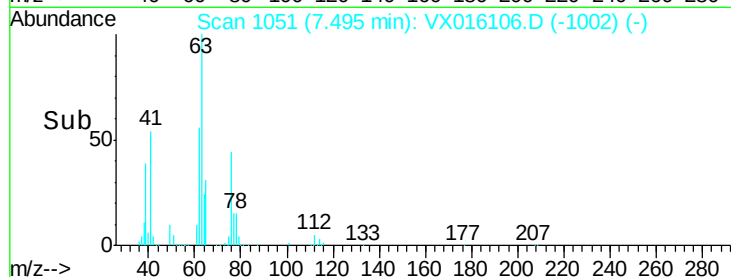
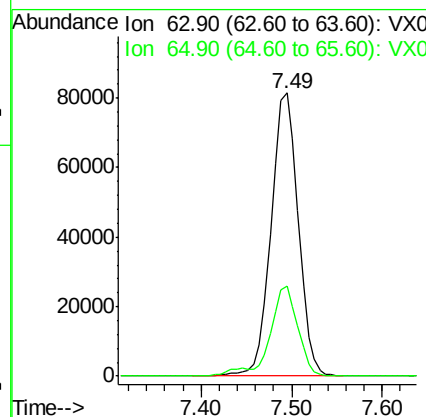
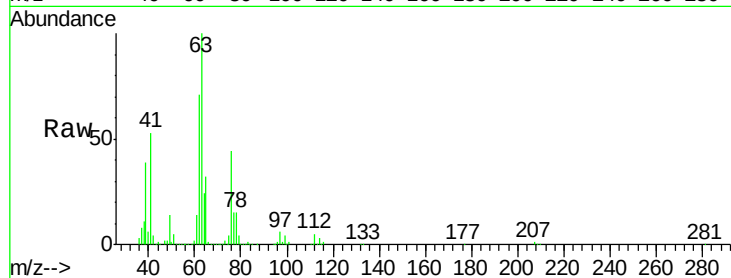
#45
 1,2-Dichloropropane
 Concen: 51.680 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.4	36.6

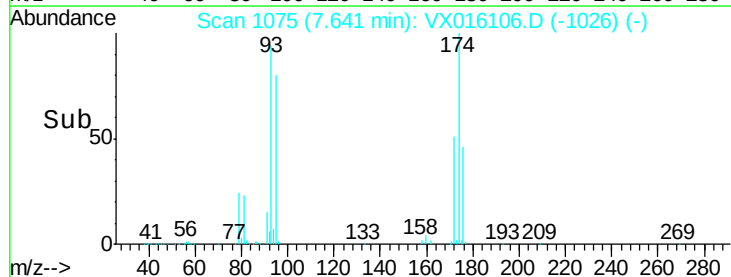
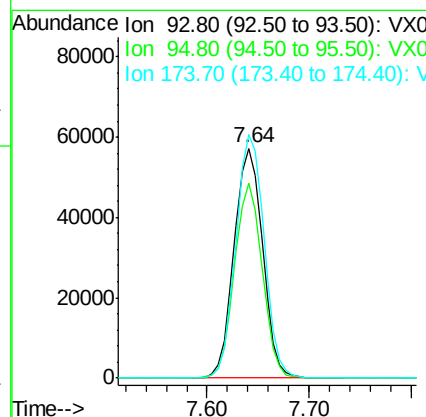
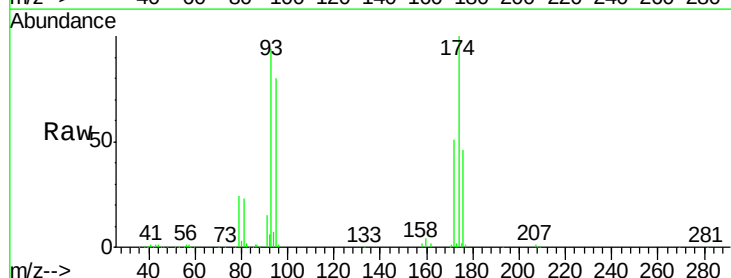
Manual Integrations
 APPROVED

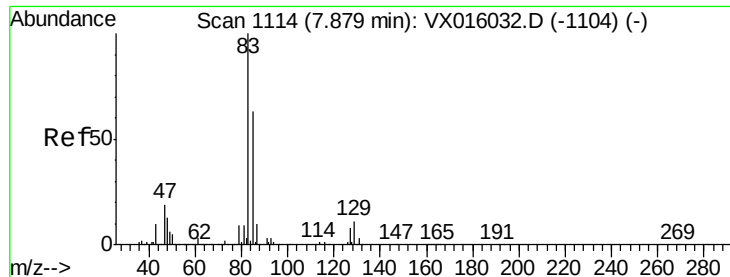
MMDadoda
 5/8/2020 11:51:05 AM



#46
 Dibromomethane
 Concen: 49.745 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.6	100.0
174	105.4	84.2	126.4





#47

Bromodichloromethane

Concen: 50.787 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

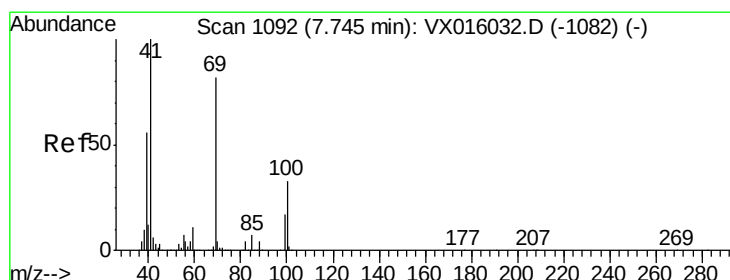
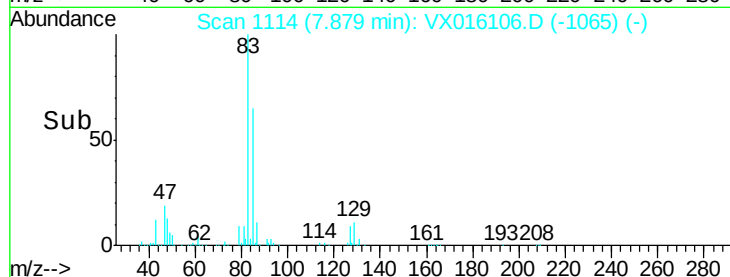
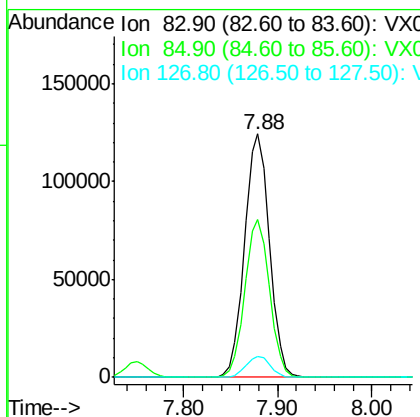
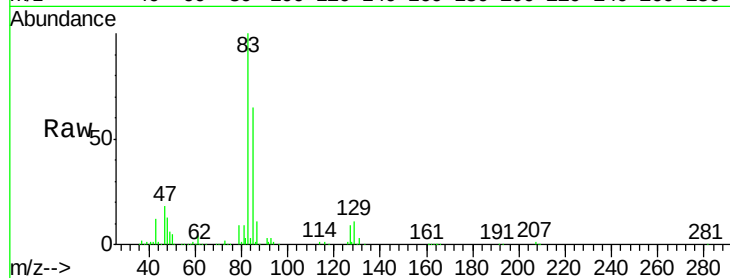
ClientSampleId :

SS038RW151-200503MSD

Tot Ion:	83	Resp:	230163
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.5	75.7
127	8.8	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.032 ug/l

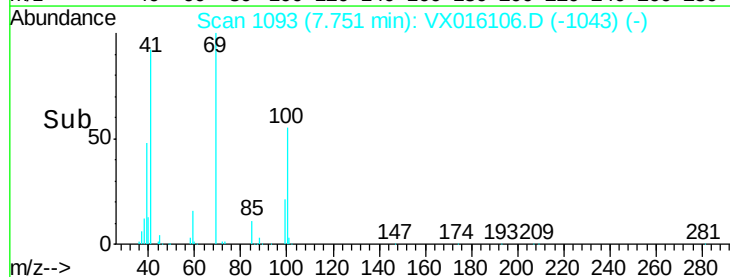
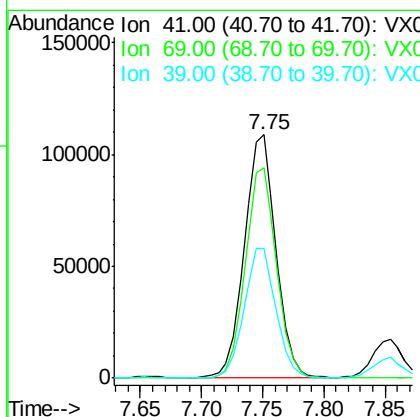
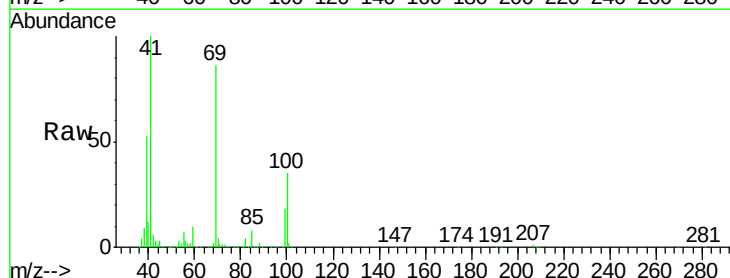
RT: 7.75 min Scan# 1093

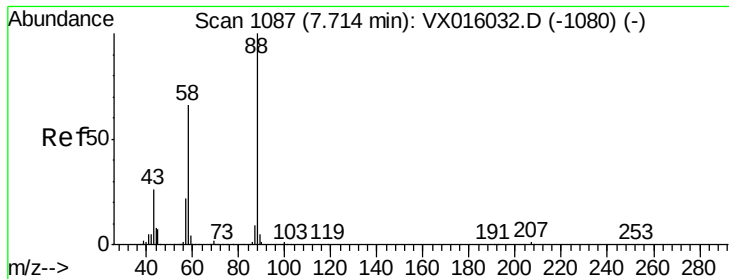
Delta R.T. 0.01 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Tgt Ion:	41	Resp:	193898
Ion Ratio	Lower	Upper	
41	100		
69	86.7	67.8	101.6
39	53.5	44.6	67.0





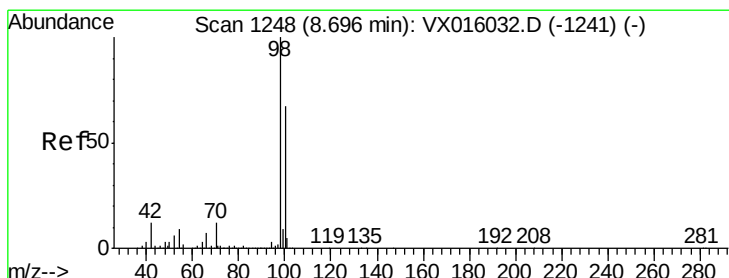
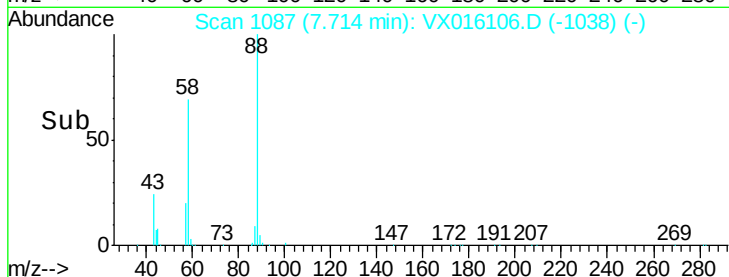
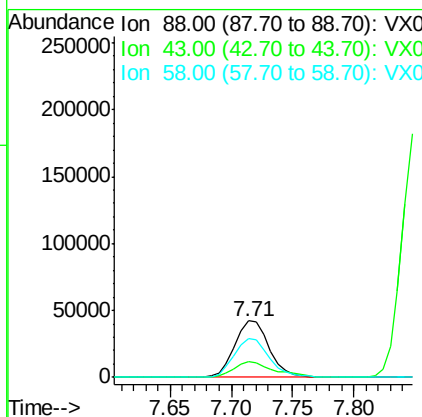
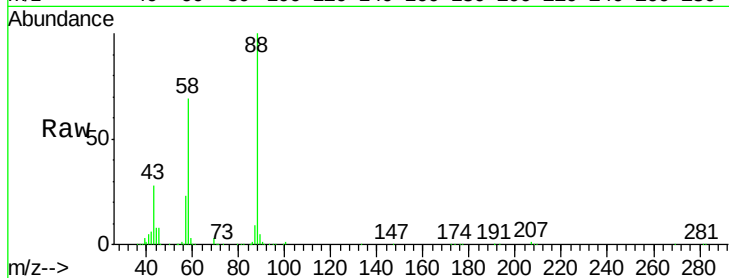
#49
1,4-Dioxane
Concen: 880.260 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	25.3	37.9
58	71.0	55.9	83.9

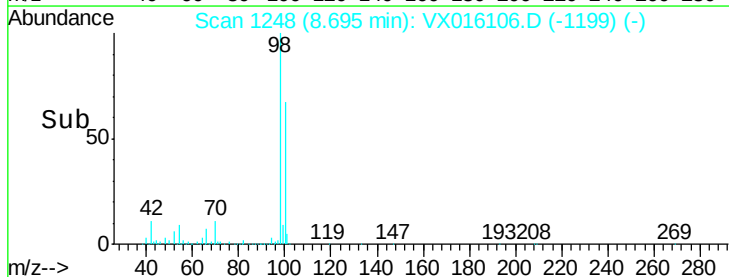
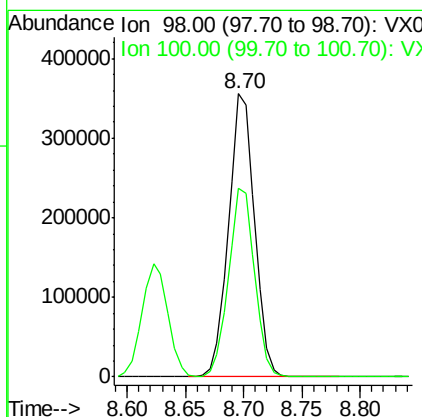
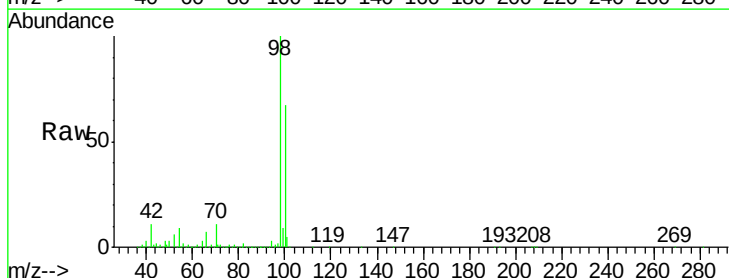
Manual Integrations
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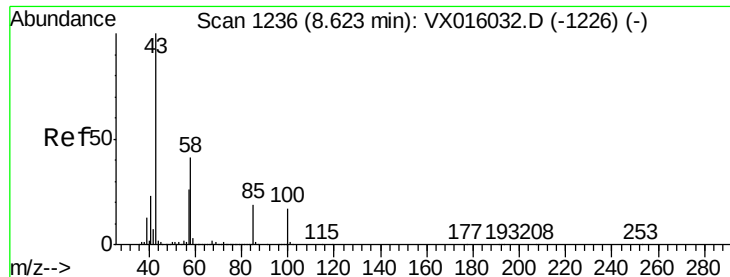
MMDadoda
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#50
Toluene-d8
Concen: 50.297 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.7	80.5





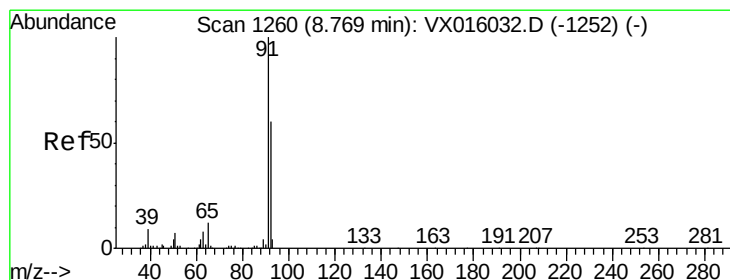
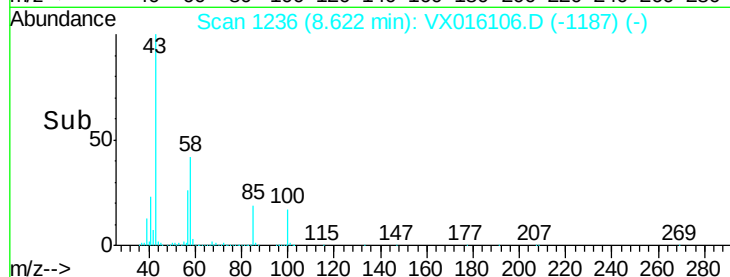
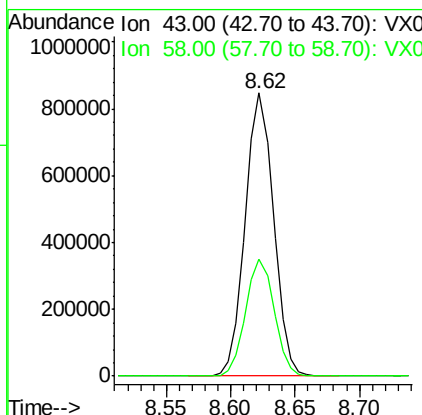
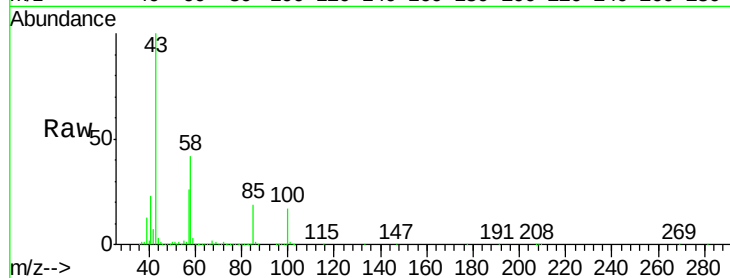
#51
4-Methyl-2-Pentanone
Concen: 257.205 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion: 43 Resp: 1287299
Ion Ratio Lower Upper
43 100
58 41.7 33.0 49.4

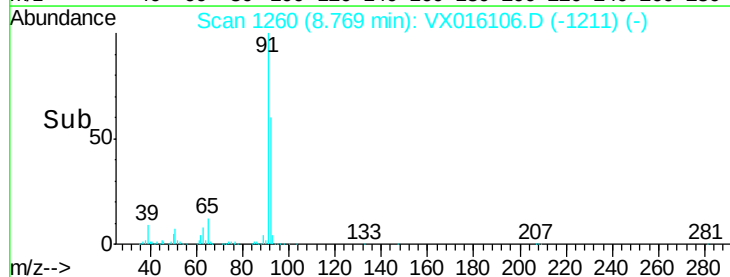
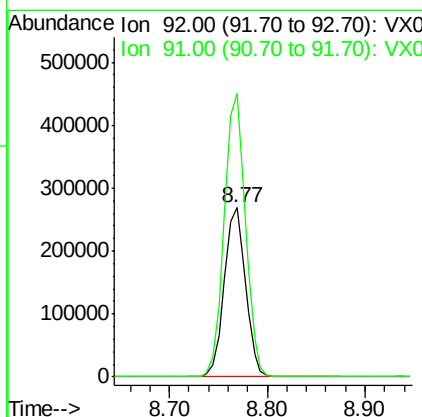
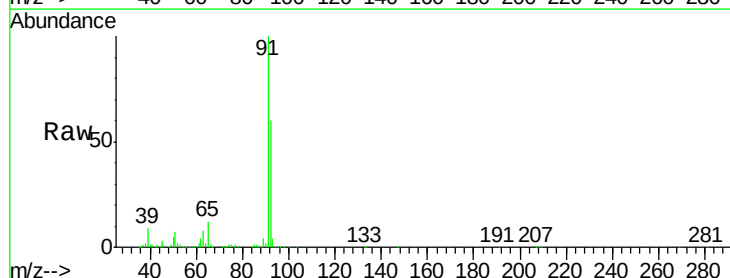
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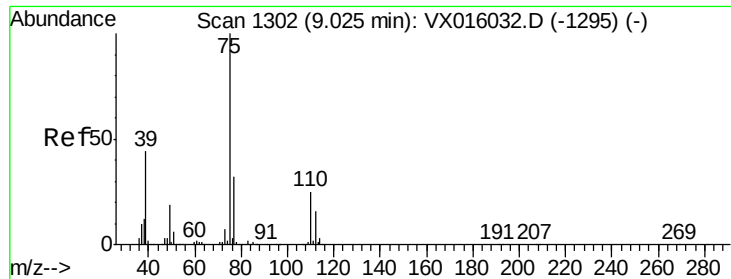
MMDadoda
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#52
Toluene
Concen: 50.402 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion: 92 Resp: 406546
Ion Ratio Lower Upper
92 100
91 167.2 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 48.637 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 75 Resp: 262810

Ion Ratio Lower Upper

75 100

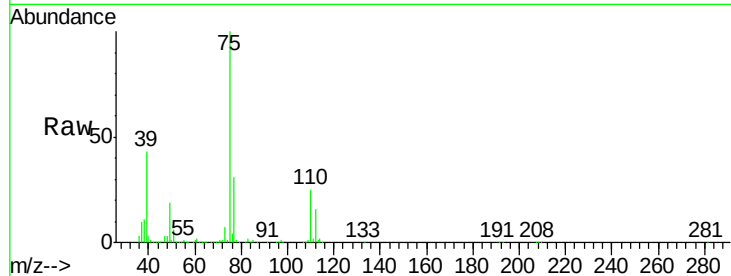
77 30.9 25.7 38.5

Manual Integrations

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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

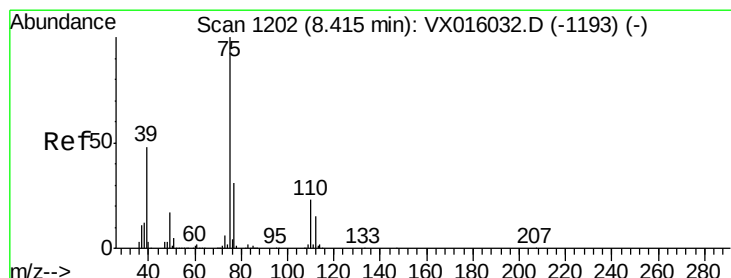
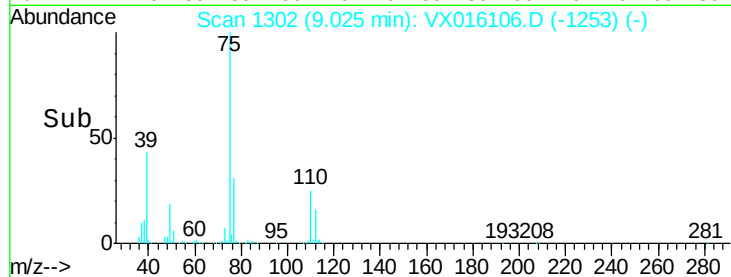
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 48.392 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

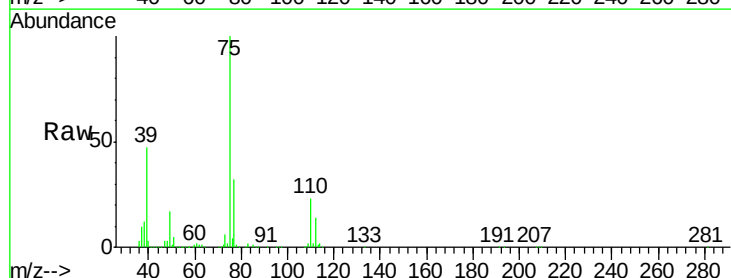
Tgt Ion: 75 Resp: 273123

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

39 46.7 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

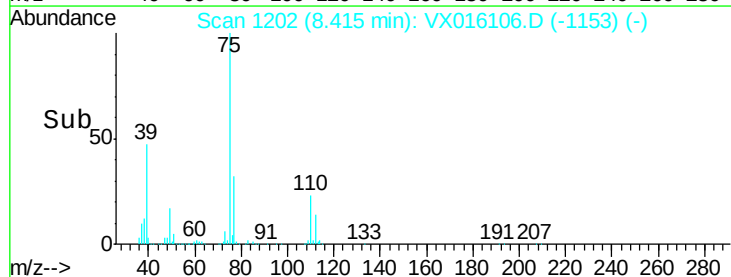
150000

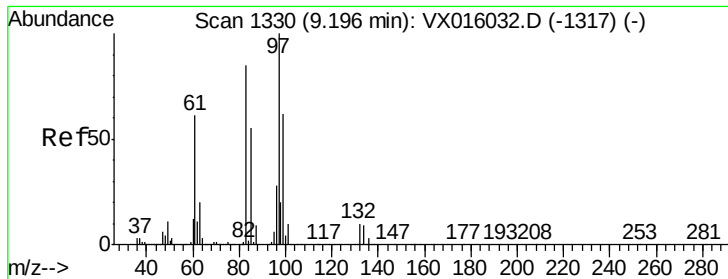
100000

50000

0

Time--> 8.30 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 50.934 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

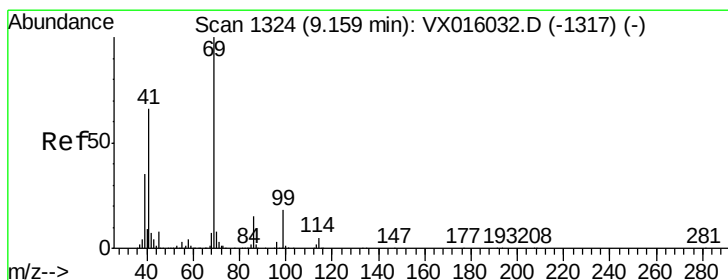
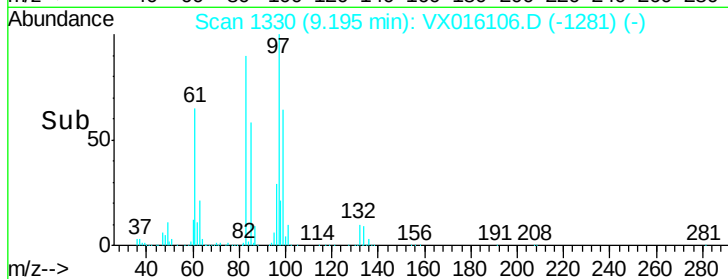
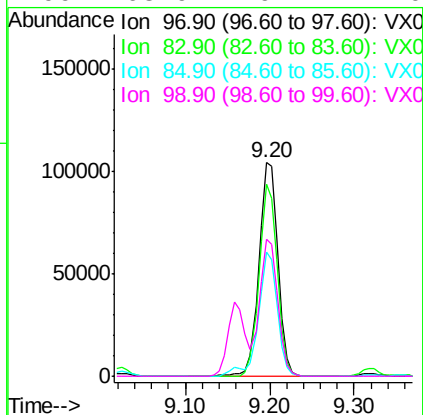
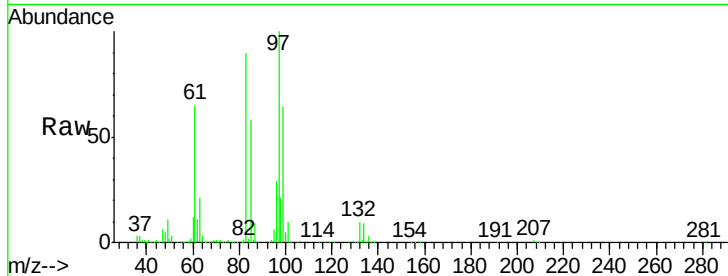
ClientSampleId :

SS038RW151-200503MSD

Tot Ion:	97	Resp:	161639
Ion	Ratio	Lower	Upper
97	100		
83	90.0	67.8	101.8
85	58.0	43.8	65.8
99	63.9	49.4	74.0

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#56

Ethyl methacrylate

Concen: 51.959 ug/l

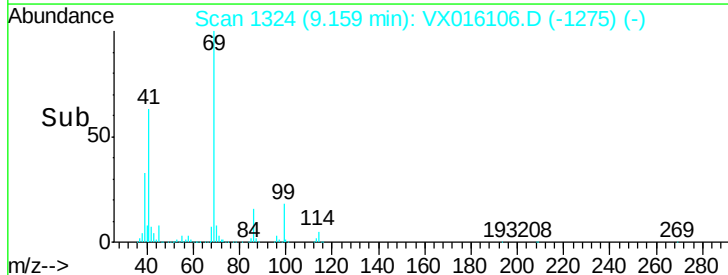
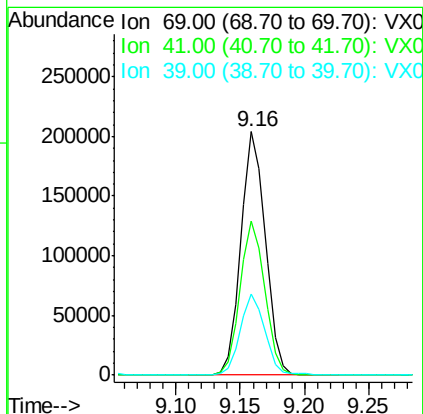
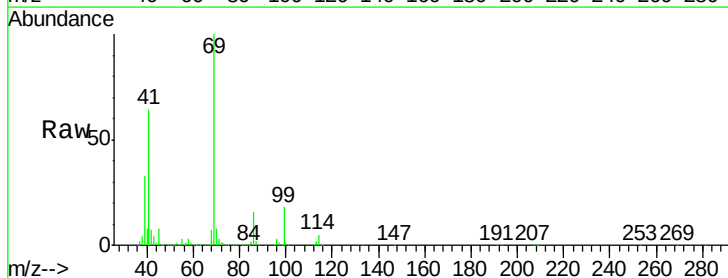
RT: 9.16 min Scan# 1324

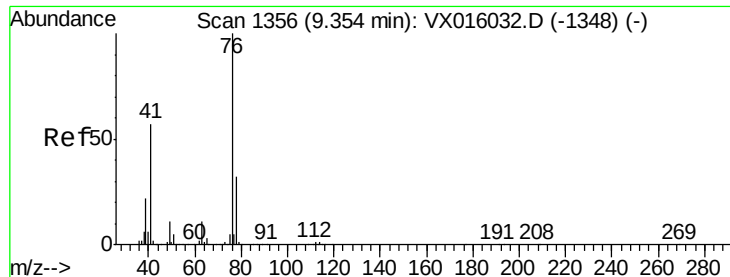
Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Tgt Ion:	69	Resp:	269157
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.2	78.4
39	33.5	28.2	42.4





#57

1,3-Dichloropropane

Concen: 50.904 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 76 Resp: 281880

Ion Ratio Lower Upper

76 100

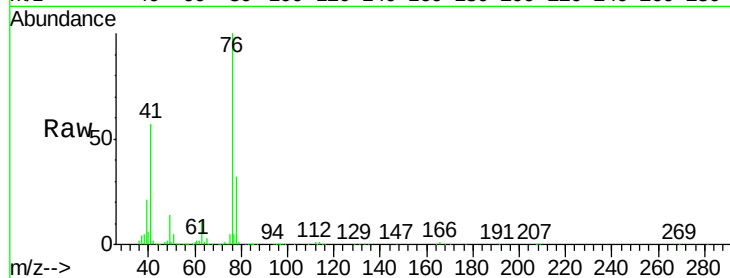
78 31.7 25.9 38.9

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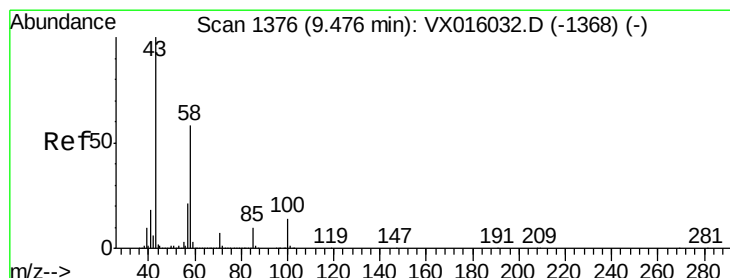
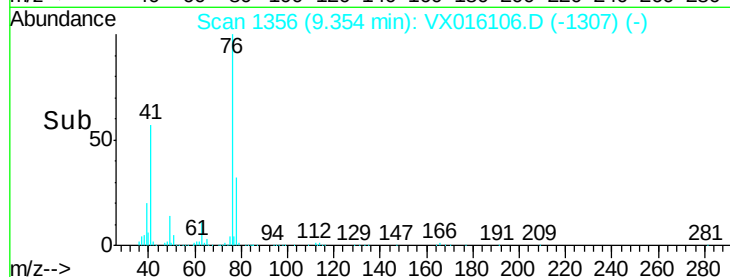
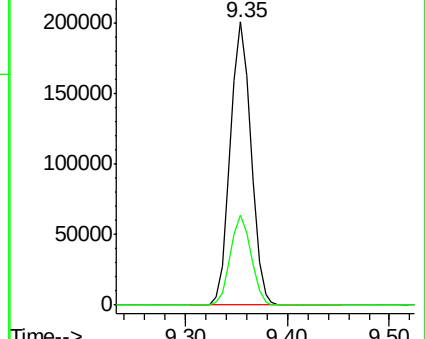
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 256.287 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016106.D

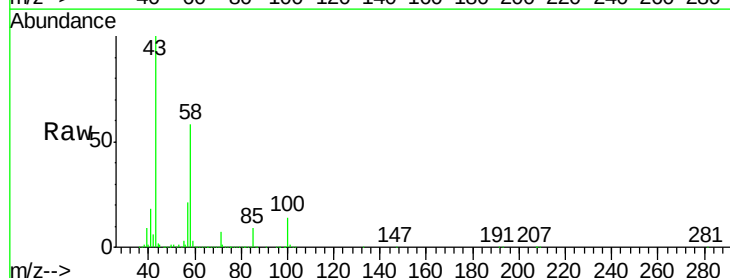
Acq: 07 May 2020 19:51

Tgt Ion: 43 Resp: 1007339

Ion Ratio Lower Upper

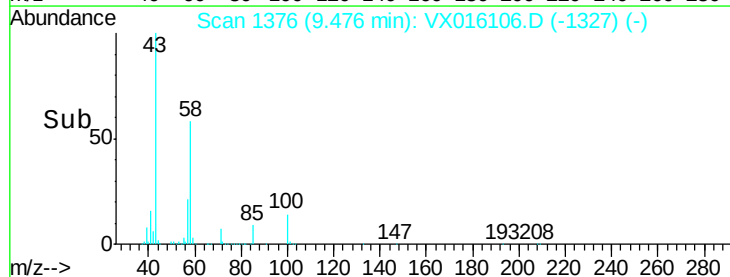
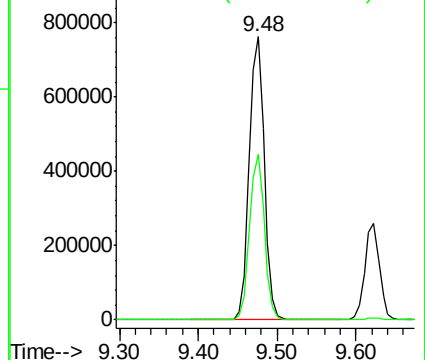
43 100

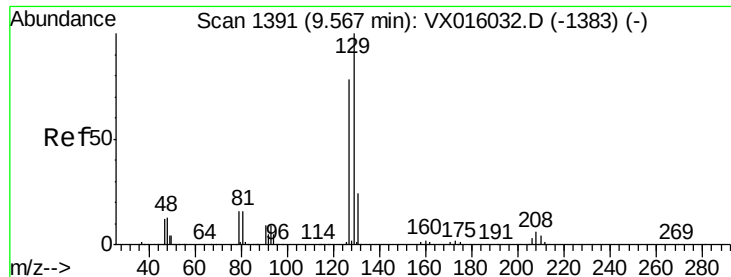
58 57.8 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 52.092 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion:129 Resp: 182070

Ion Ratio Lower Upper

129 100

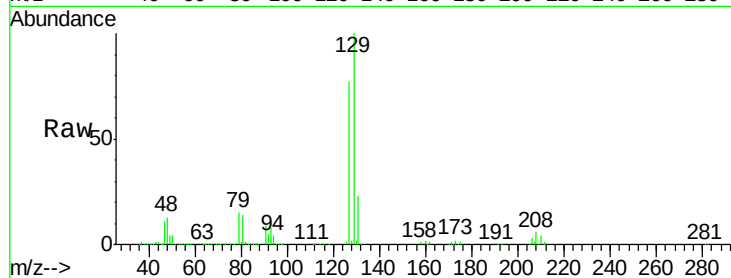
127 77.3 38.4 115.2

Manual Integrations

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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

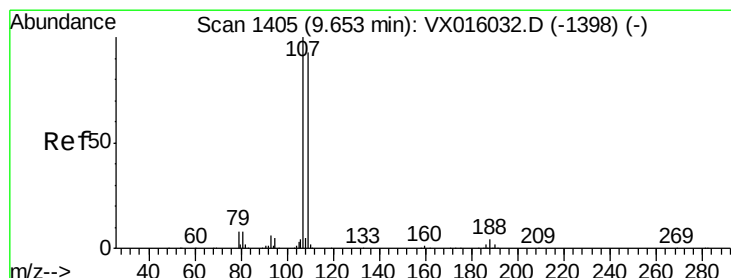
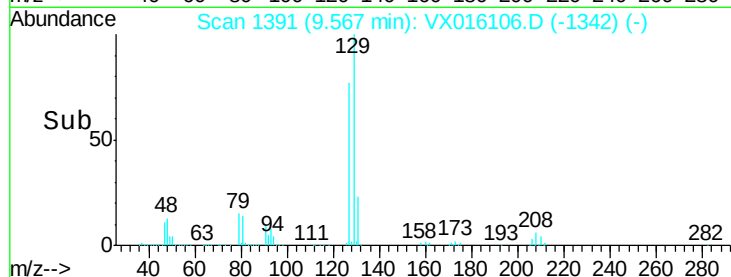
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.132 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016106.D

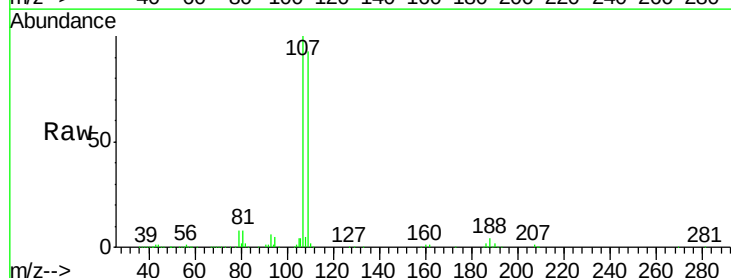
Acq: 07 May 2020 19:51

Tgt Ion:107 Resp: 172328

Ion Ratio Lower Upper

107 100

109 95.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

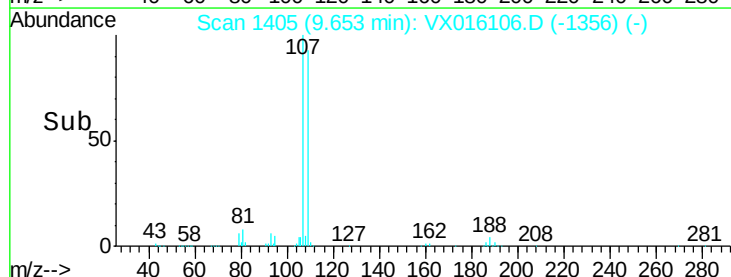
9.65

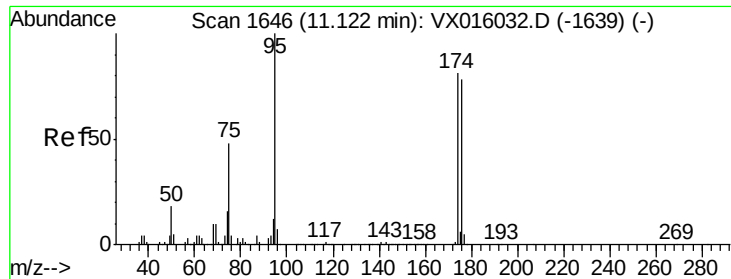
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 51.150 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

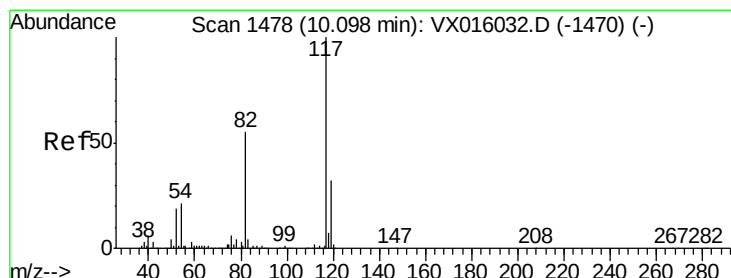
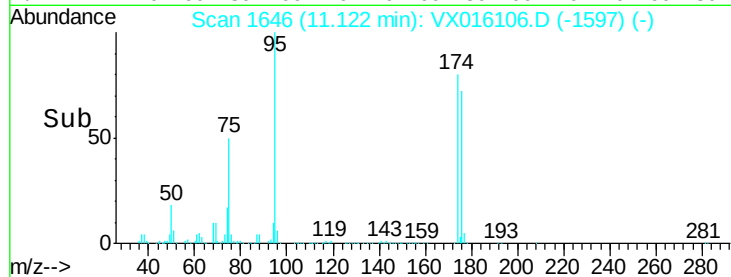
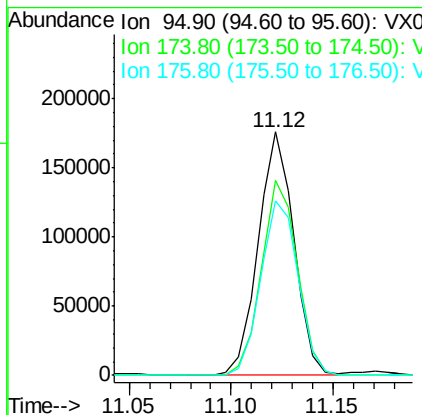
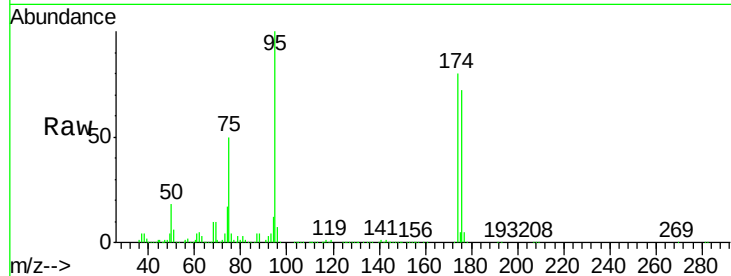
ClientSampleId :

SS038RW151-200503MSD

Tot Ion:	95	Resp:	213378
Ion Ratio	Lower	Upper	
95	100		
174	81.4	0.0	159.4
176	75.8	0.0	157.6

Manual Integrations
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5/8/2020 11:51:05 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

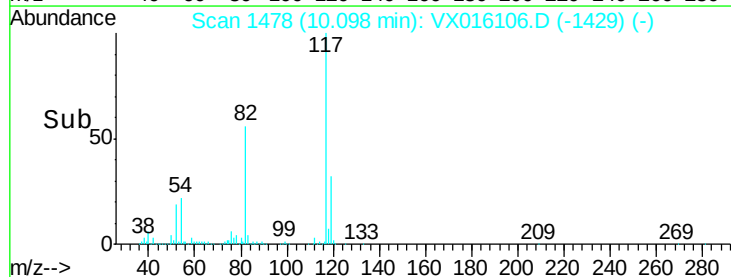
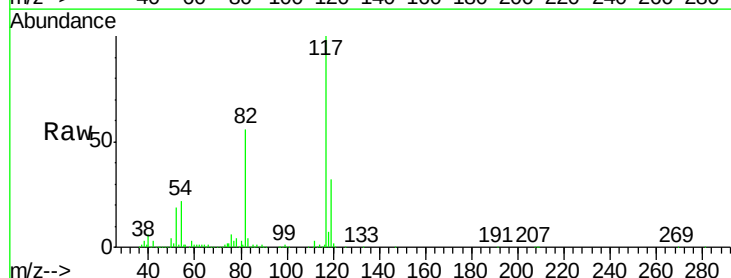
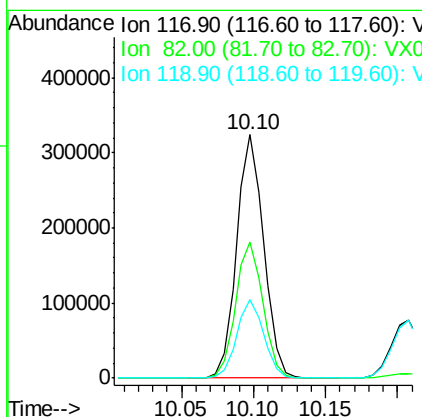
RT: 10.10 min Scan# 1478

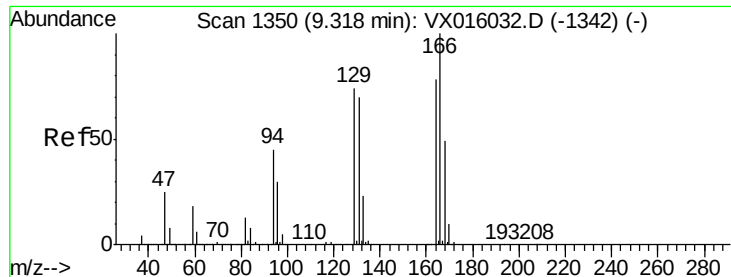
Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Tgt Ion:	117	Resp:	423694
Ion Ratio	Lower	Upper	
117	100		
82	55.7	44.4	66.6
119	32.3	25.5	38.3





#64

Tetrachloroethene

Concen: 46.314 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion:164 Resp: 240899

Ion Ratio Lower Upper

164 100

166 127.7 102.9 154.3

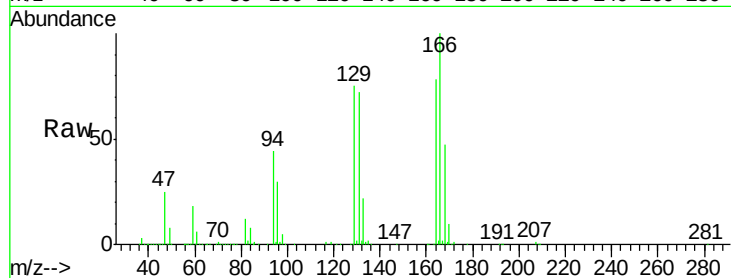
129 95.7 76.1 114.1

131 91.7 71.9 107.9

Manual Integrations
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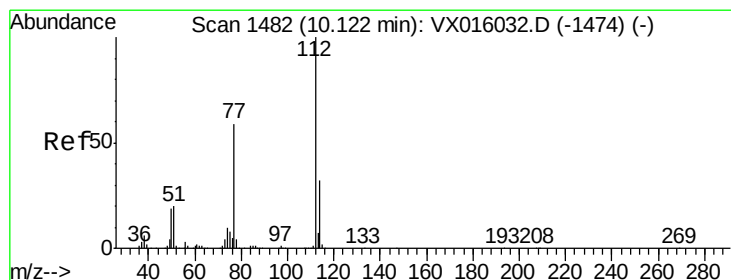
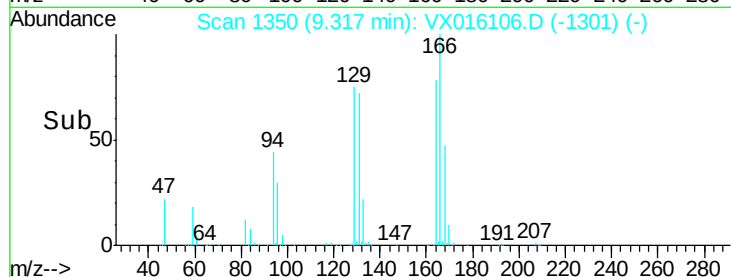
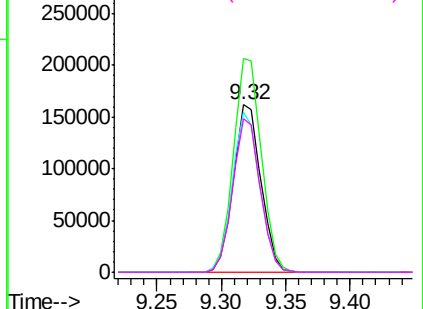
Abundance

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



#65

Chlorobenzene

Concen: 103.899 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016106.D

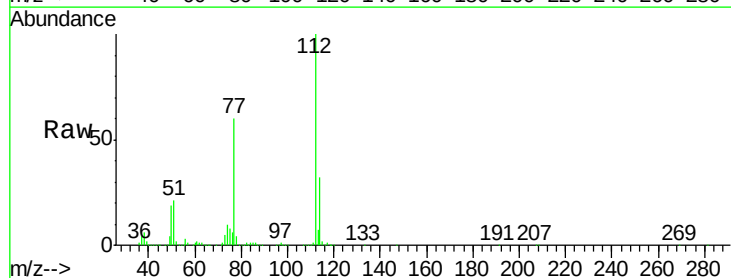
Acq: 07 May 2020 19:51

Tgt Ion:112 Resp: 921755

Ion Ratio Lower Upper

112 100

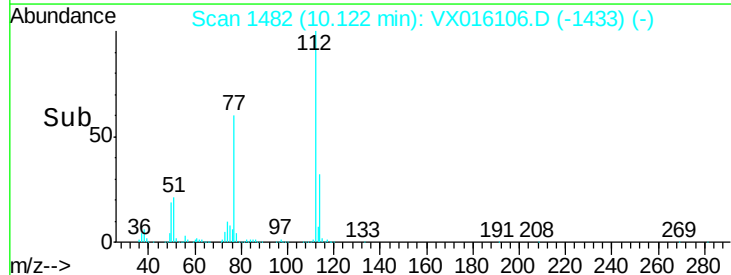
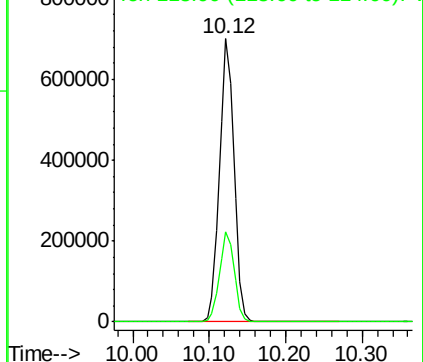
114 31.7 25.7 38.5

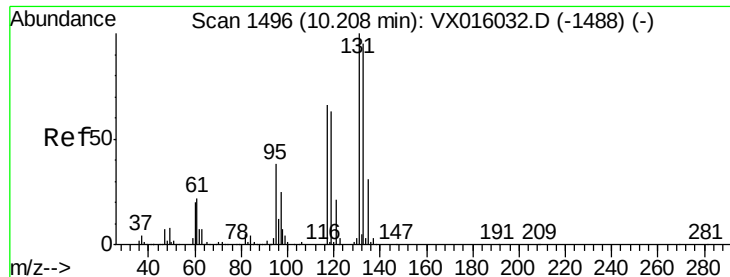


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.488 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

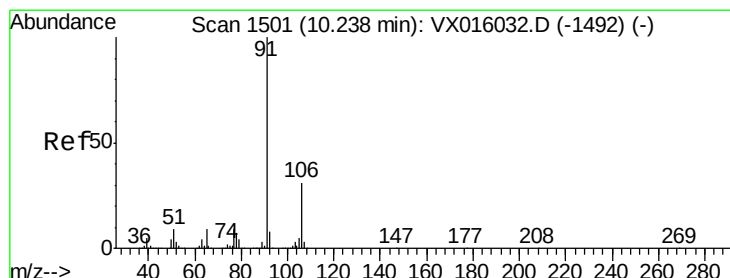
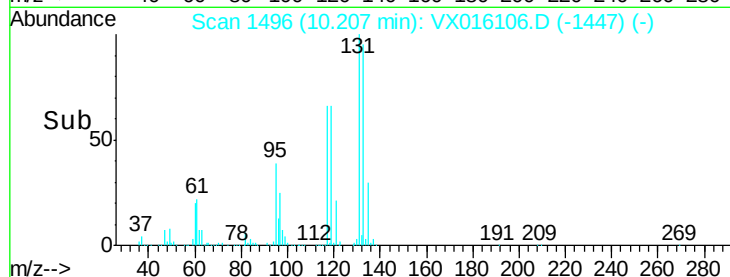
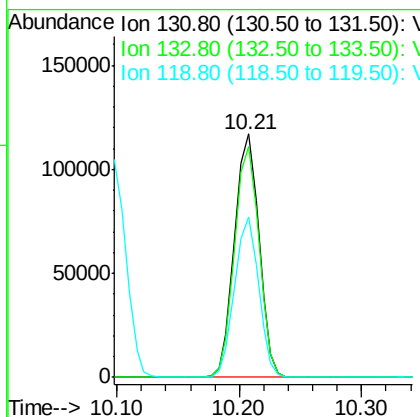
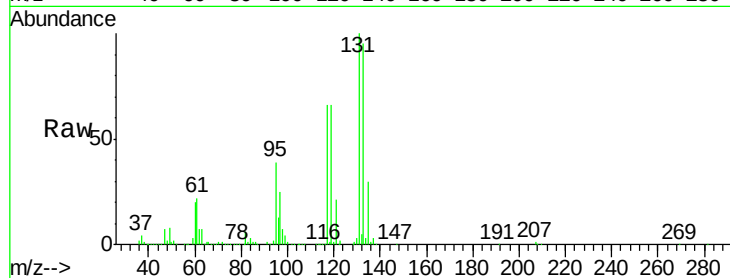
ClientSampleId :

SS038RW151-200503MSD

Tot Ion:	131	Resp:	162273
Ion Ratio	Lower	Upper	
131	100		
133	94.7	48.3	144.8
119	64.9	32.3	96.9

Manual Integrations
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#67

Ethyl Benzene

Concen: 48.727 ug/l

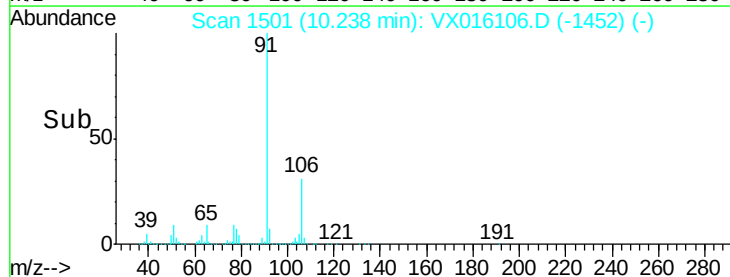
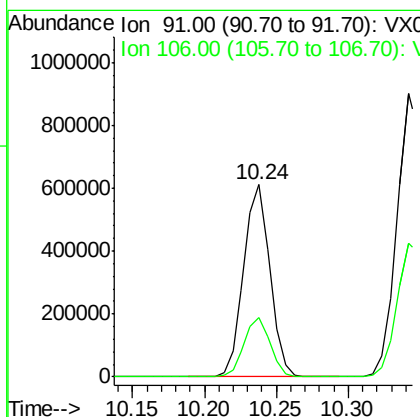
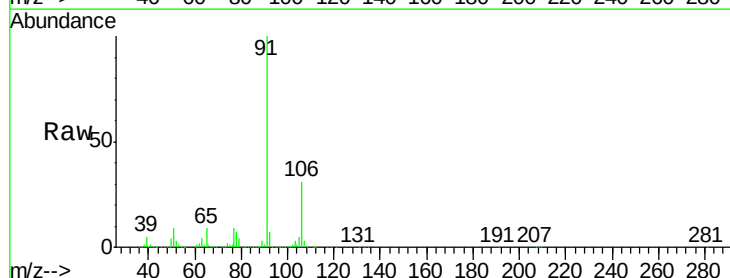
RT: 10.24 min Scan# 1501

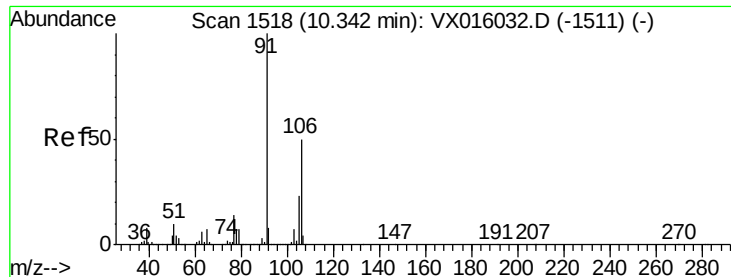
Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Tgt Ion:	91	Resp:	771319
Ion Ratio	Lower	Upper	
91	100		
106	31.2	25.1	37.7





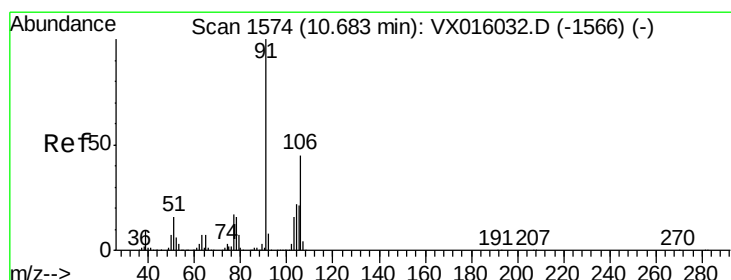
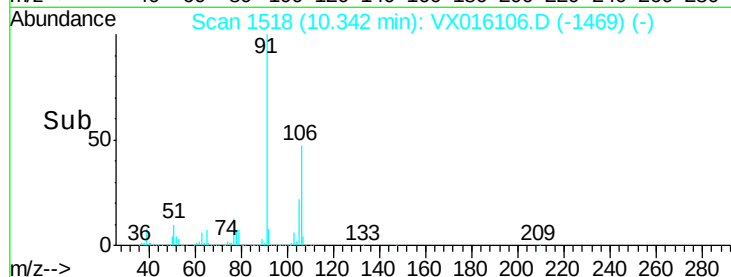
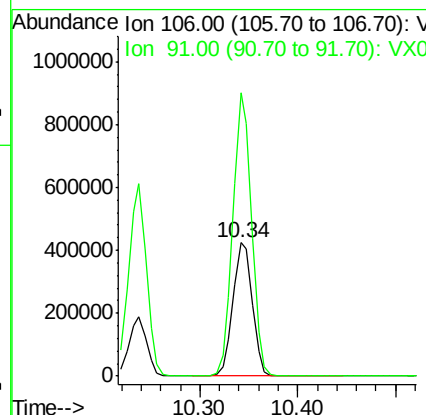
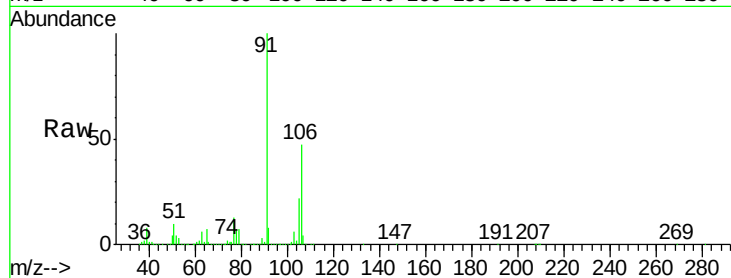
#68
m/p-Xylenes
Concen: 98.387 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		583498		
91	204.2	161.7	242.5		

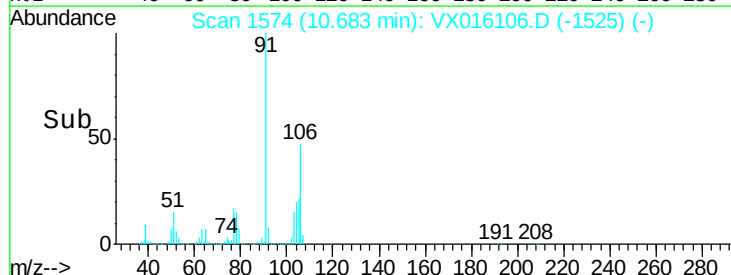
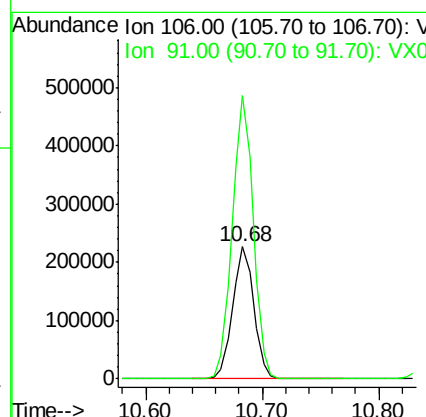
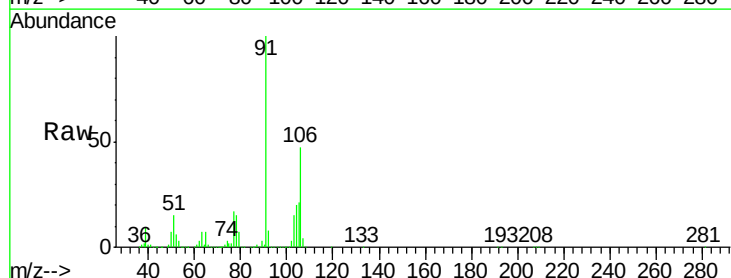
Manual Integrations
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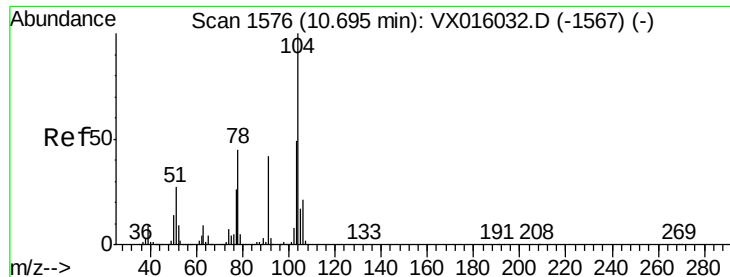
MMDadoda
5/8/2020 11:51:05 AM



#69
o-Xylene
Concen: 50.142 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		285846		
91	212.9	107.5	322.6		





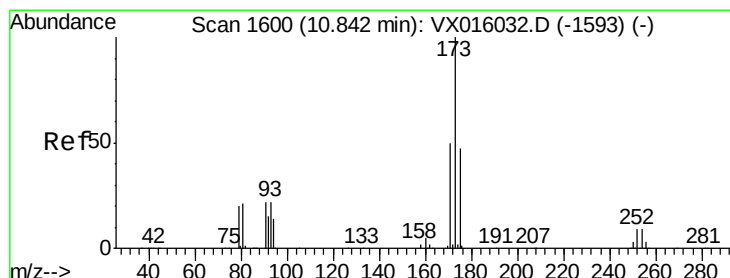
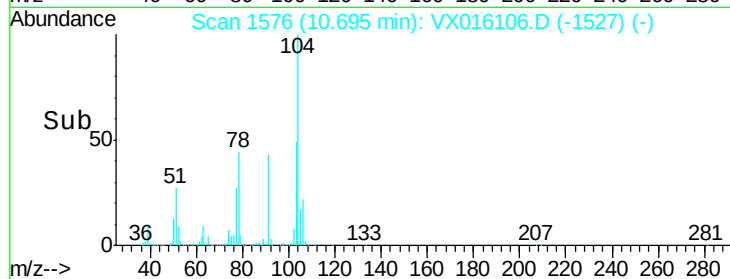
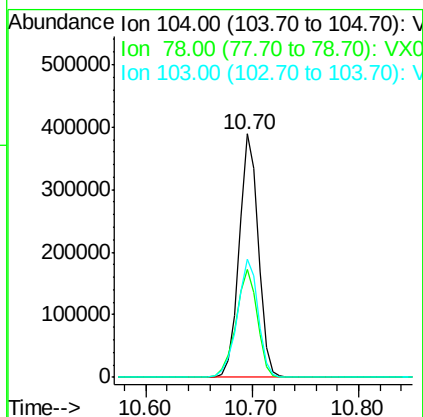
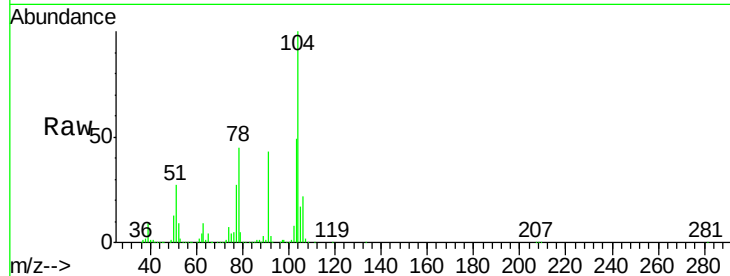
#70
Stvrene
Concen: 50.779 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	491107		
78	78	49.5	40.2	60.2	
103	103	53.2	43.0	64.6	

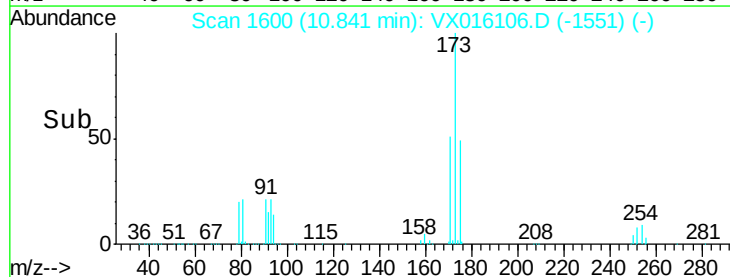
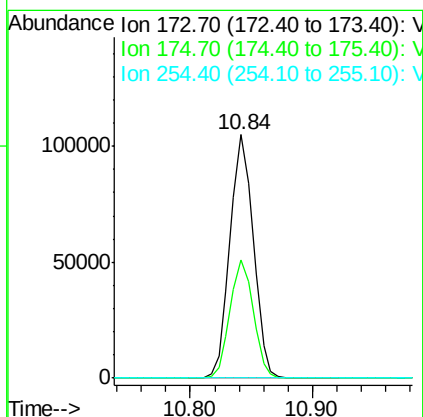
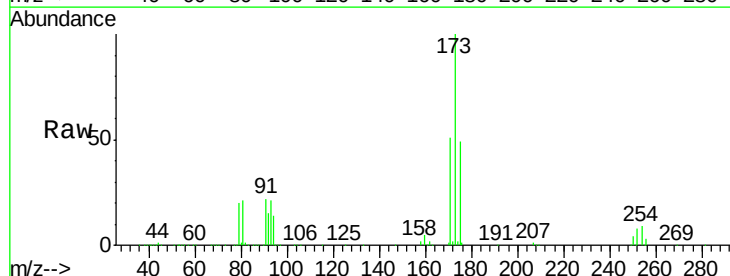
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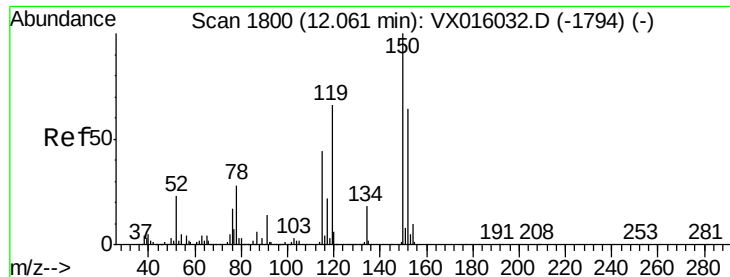
MMDadoda
5/8/2020 11:51:05 AM



#71
Bromoform
Concen: 51.757 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
173	173	100	138272		
175	175	48.8	24.0	72.0	
254	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: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

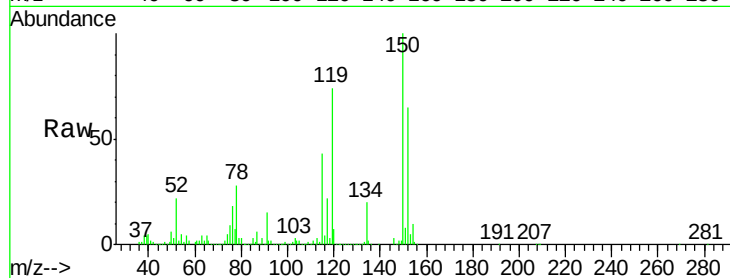
ClientSampleId :

SS038RW151-200503MSD

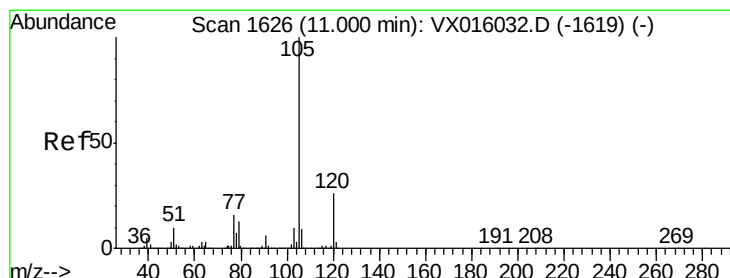
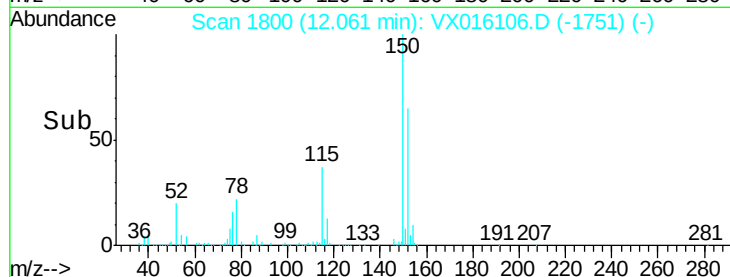
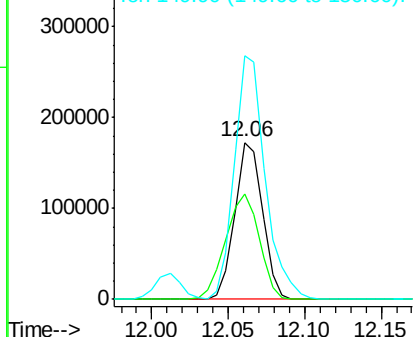
Tot Ion:	152	Resp:	216851
Ion Ratio	Lower	Upper	
152	100		
115	82.0	41.3	124.1
150	173.0	0.0	352.2

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.022 ug/l

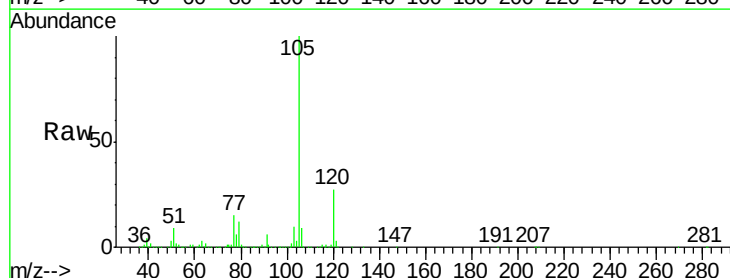
RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

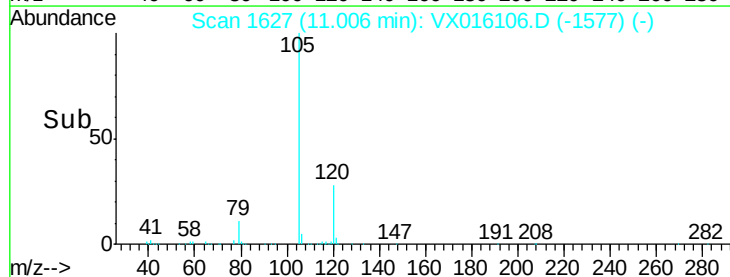
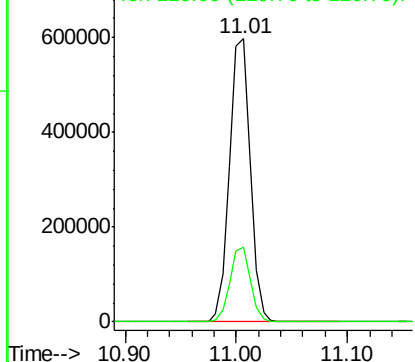
Lab File: VX016106.D

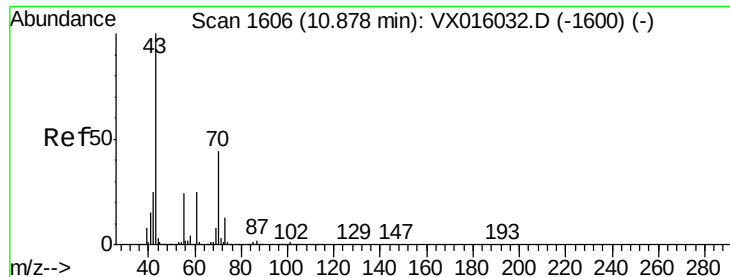
Acq: 07 May 2020 19:51

Tgt Ion:	105	Resp:	773202
Ion Ratio	Lower	Upper	
105	100		
120	26.0	13.4	40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.429 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

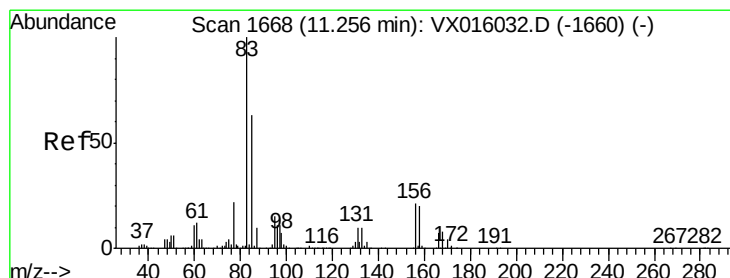
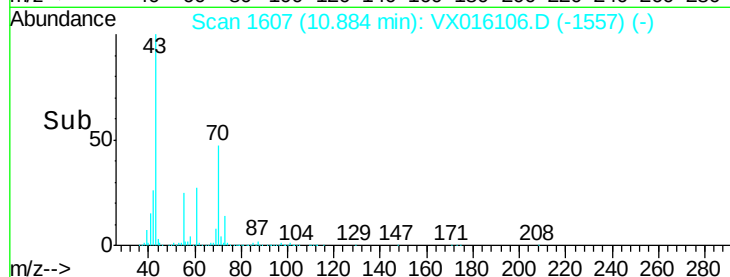
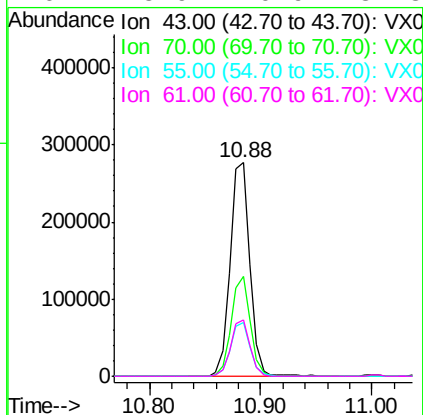
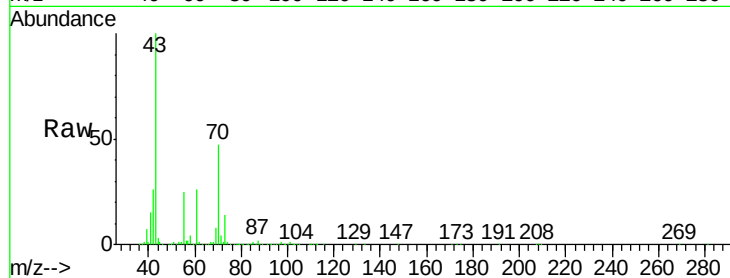
ClientSampleId :

SS038RW151-200503MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	45.5	36.5	54.7	
55	25.1	19.7	29.5	
61	25.9	20.9	31.3	

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#75

1,1,2,2-Tetrachloroethane

Concen: 56.578 ug/l

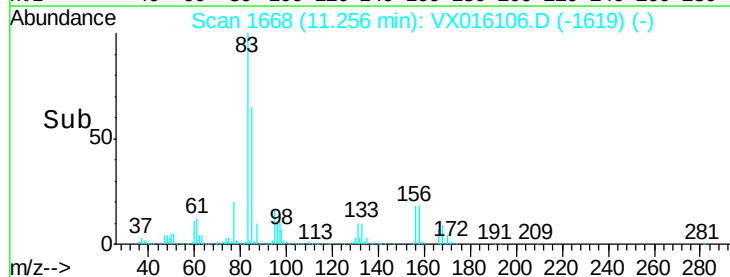
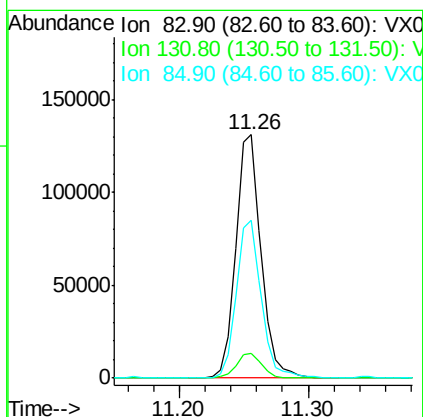
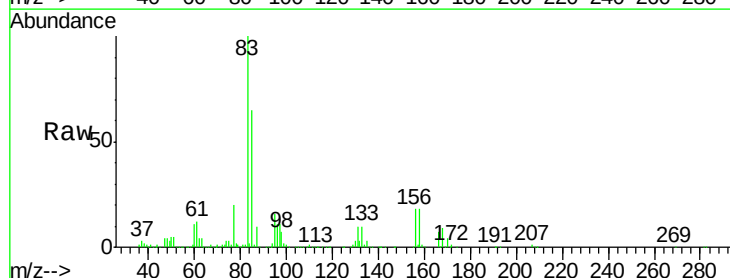
RT: 11.26 min Scan# 1668

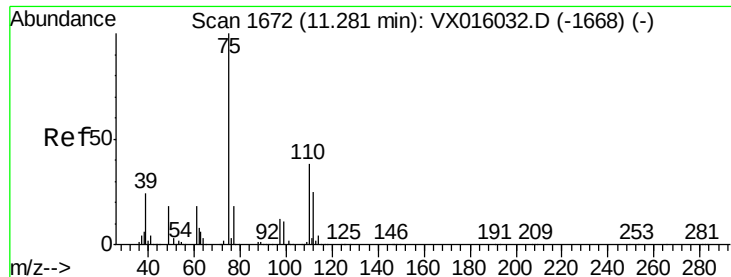
Delta R.T. 0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.2	5.1	15.4	
85	64.3	32.0	96.0	





#76

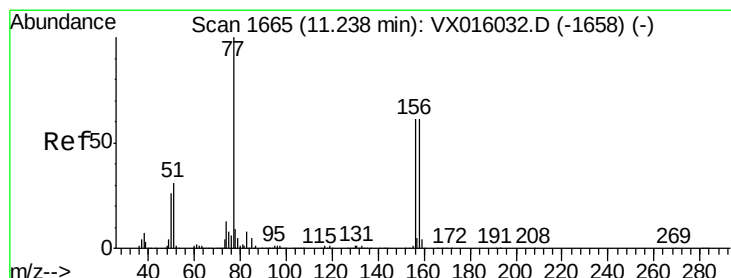
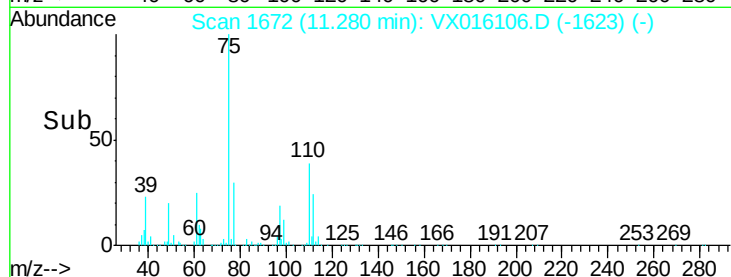
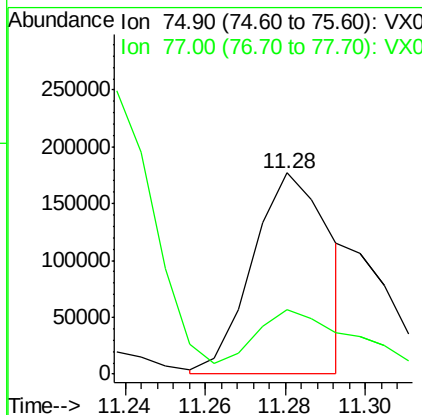
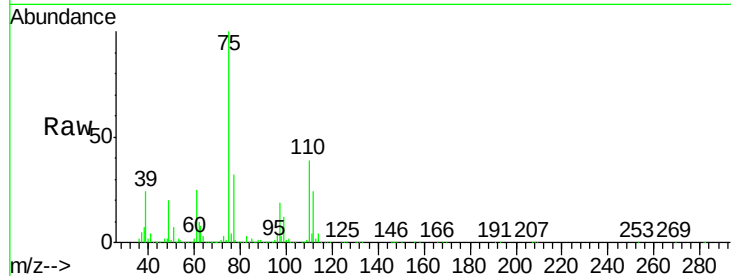
1,2,3-Trichloropropane
Concen: 48.326 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion: 75 Resp: 237807
Ion Ratio Lower Upper
75 100
77 42.6 21.2 63.6

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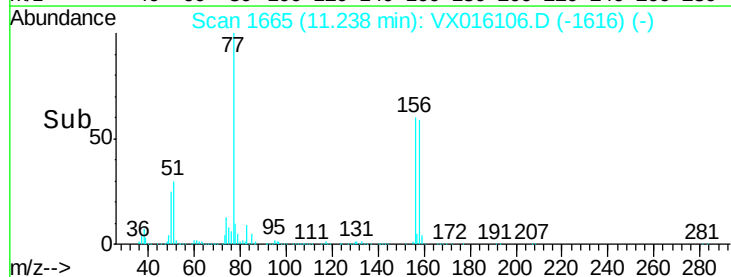
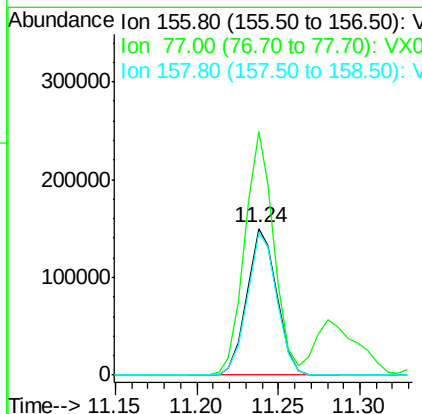
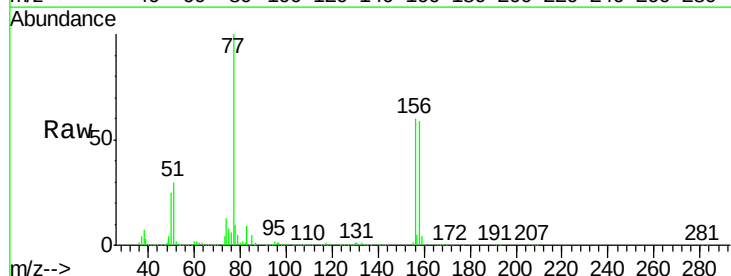
MMDadoda
5/8/2020 11:51:05 AM

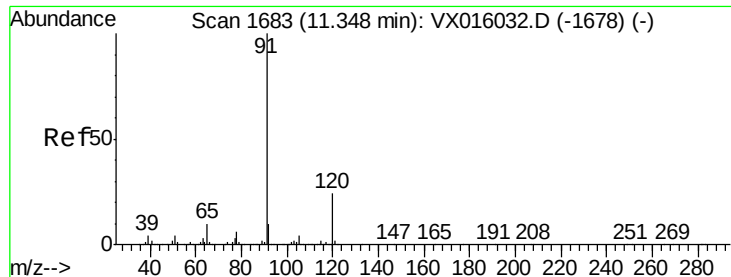


#77

Bromobenzene
Concen: 46.947 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion: 156 Resp: 191127
Ion Ratio Lower Upper
156 100
77 162.0 80.1 240.3
158 96.4 49.4 148.2





#78

n-propylbenzene

Concen: 47.816 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 91 Resp: 877379

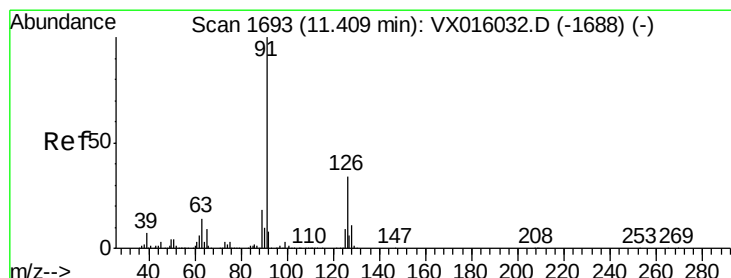
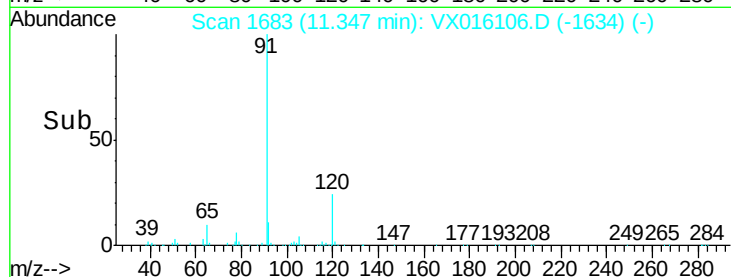
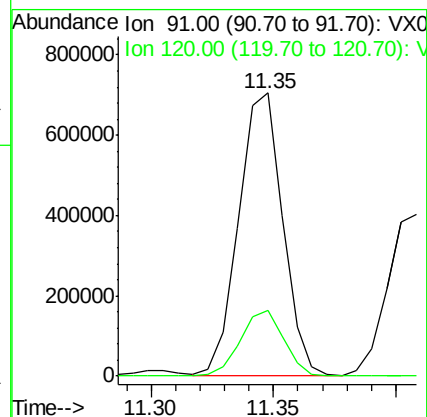
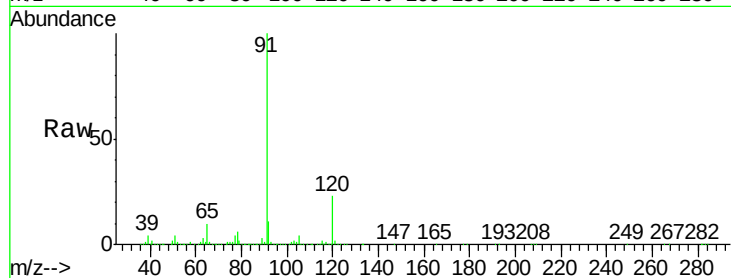
Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5

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5/8/2020 11:51:05 AM



#79

2-Chlorotoluene

Concen: 47.611 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016106.D

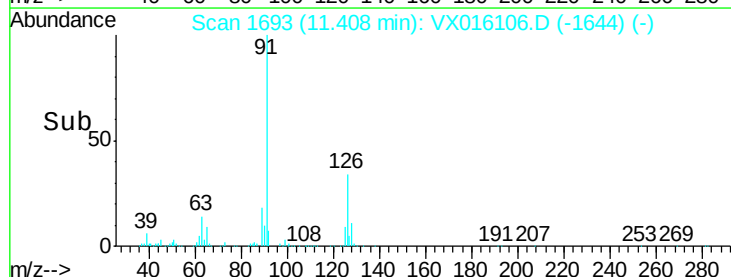
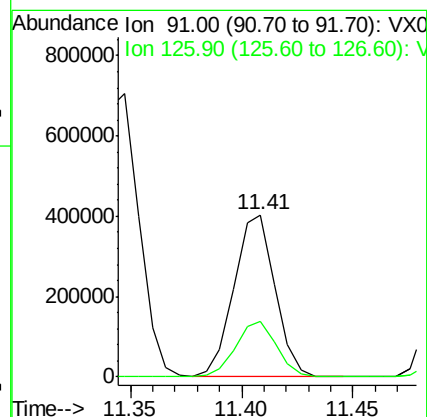
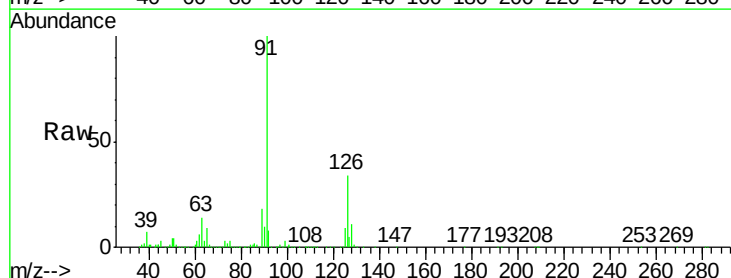
Acq: 07 May 2020 19:51

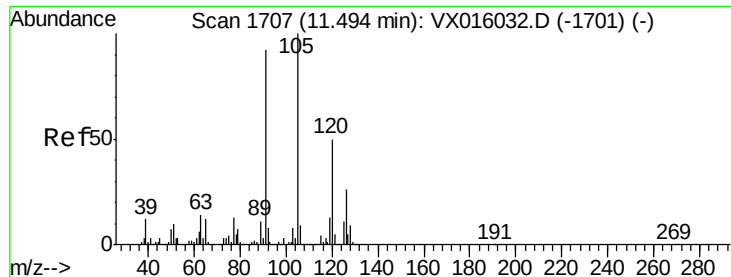
Tgt Ion: 91 Resp: 515664

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 48.125 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 105 Resp: 640884

Ion Ratio Lower Upper

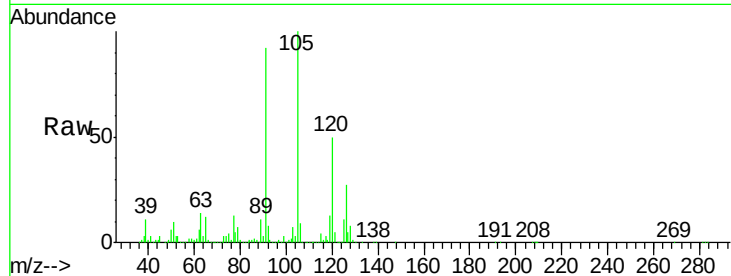
105 100

120 48.7 24.6 74.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

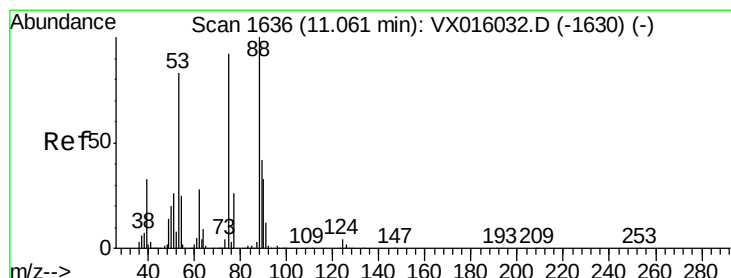
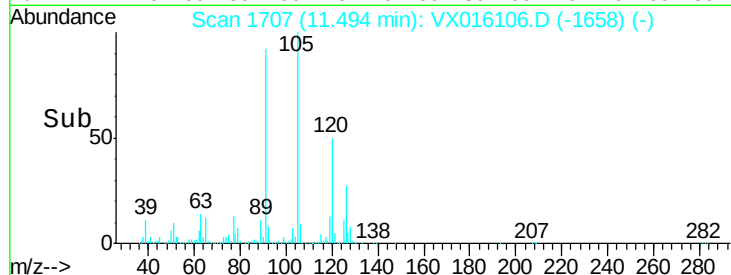
0

11.45

11.50

11.55

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 46.843 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

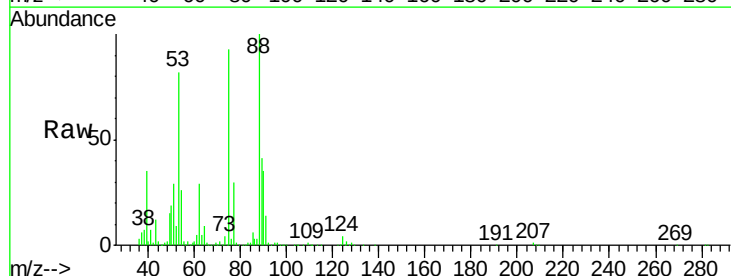
Tgt Ion: 75 Resp: 96727

Ion Ratio Lower Upper

75 100

53 90.0 73.1 109.7

89 45.0 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

120000

100000

80000

60000

40000

20000

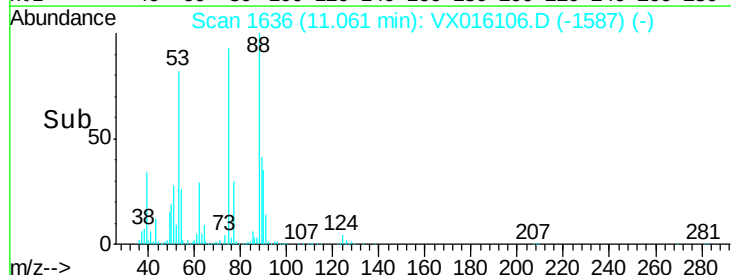
0

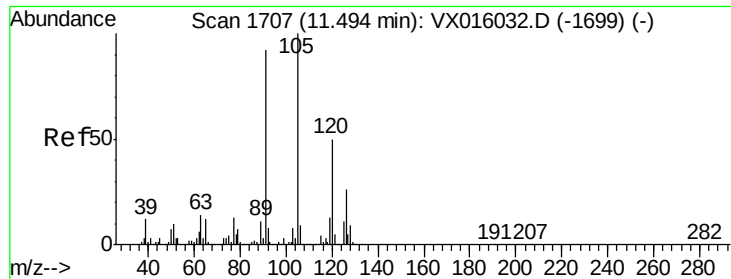
11.00

11.05

11.10

Time-->





#82

4-Chlorotoluene

Concen: 47.685 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion: 91 Resp: 609889

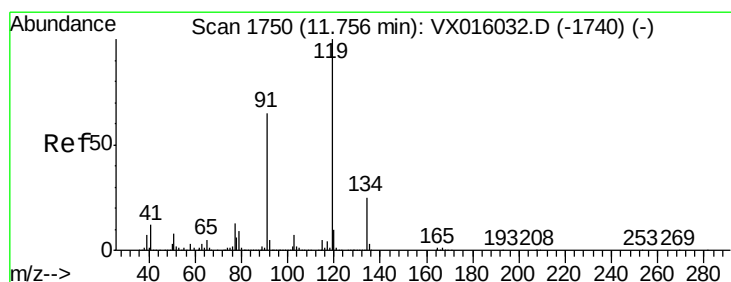
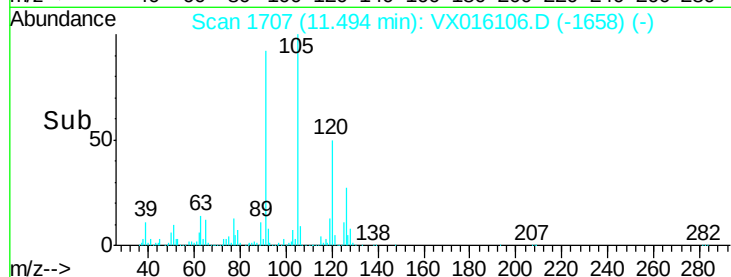
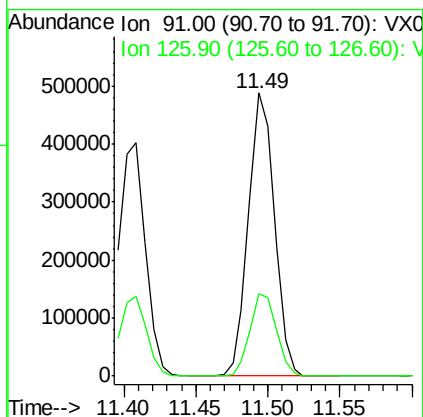
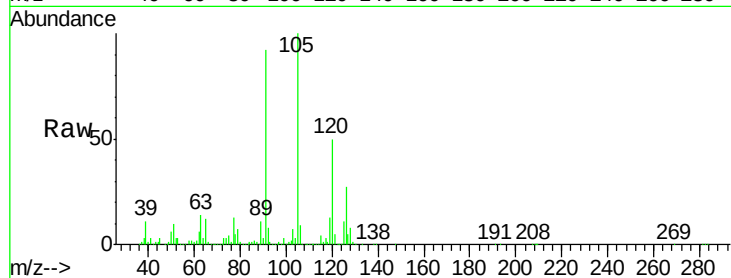
Ion Ratio Lower Upper

91 100

126 29.6 14.8 44.3

Manual Integrations
APPROVED

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#83

tert-Butylbenzene

Concen: 51.568 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

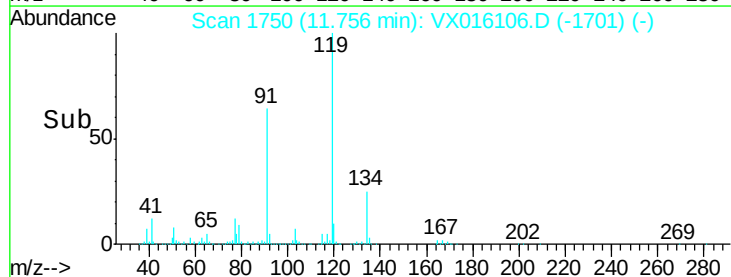
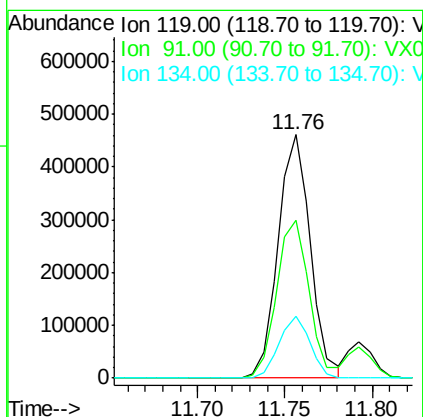
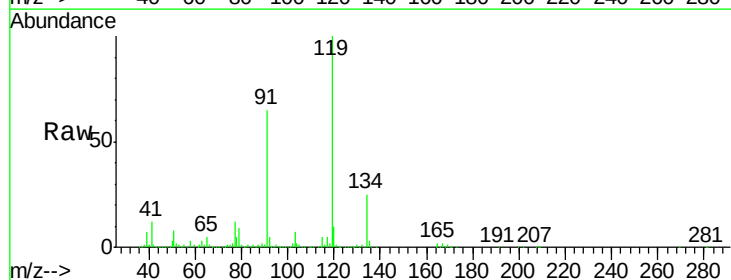
Tgt Ion: 119 Resp: 591828

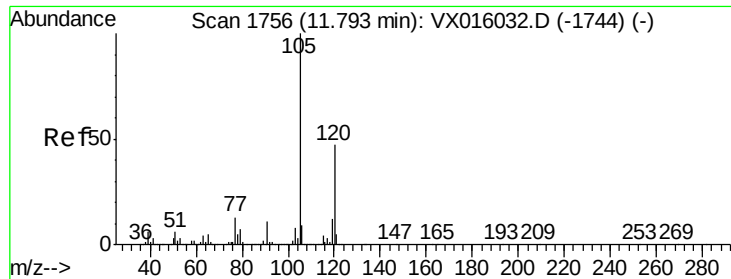
Ion Ratio Lower Upper

119 100

91 66.0 32.8 98.4

134 24.5 12.4 37.0





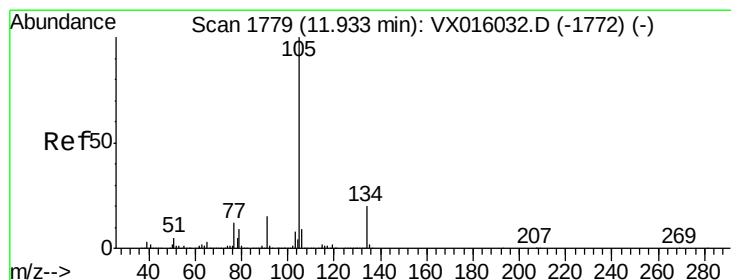
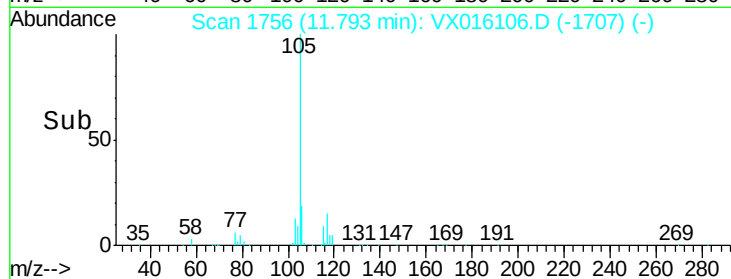
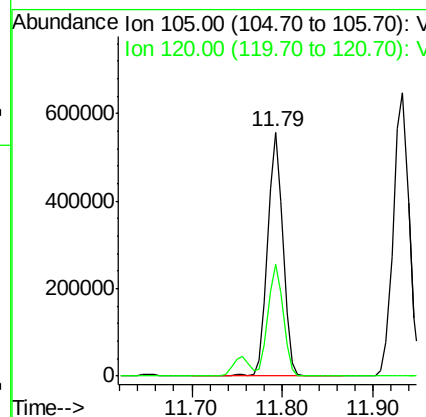
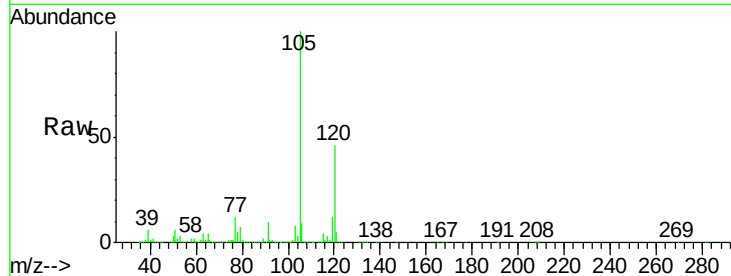
#84
 1,2,4-Trimethylbenzene
 Concen: 48.504 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.0	69.0

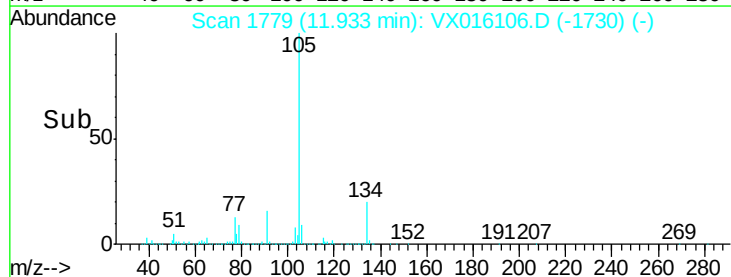
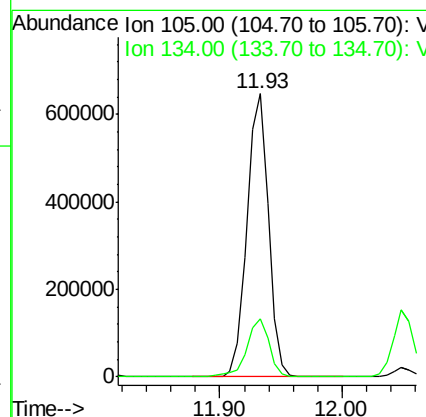
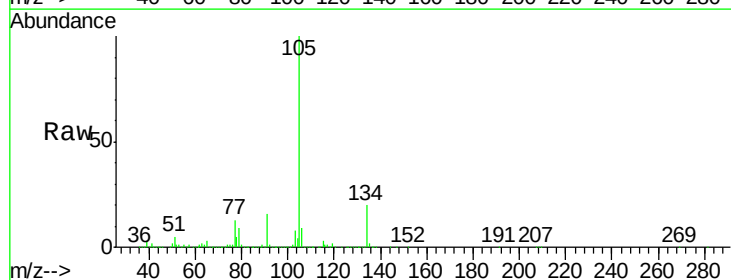
Manual Integrations
 APPROVED

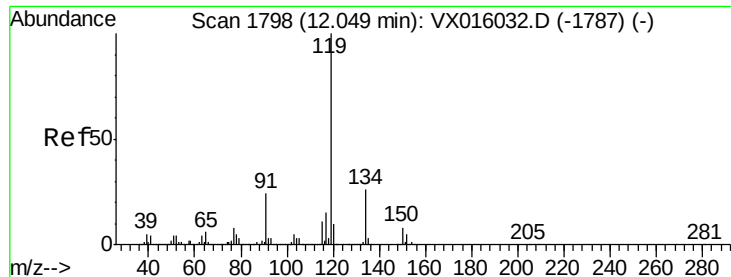
MMDadoda
 5/8/2020 11:51:05 AM



#85
 sec-Butylbenzene
 Concen: 50.448 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.1	30.3





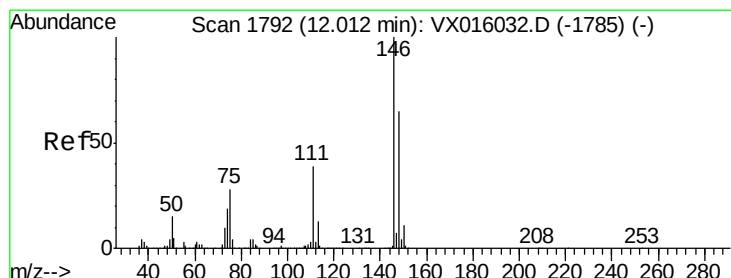
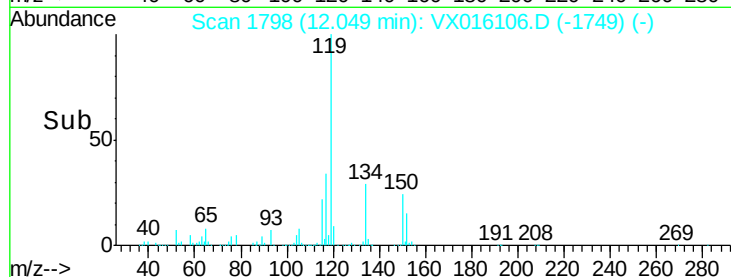
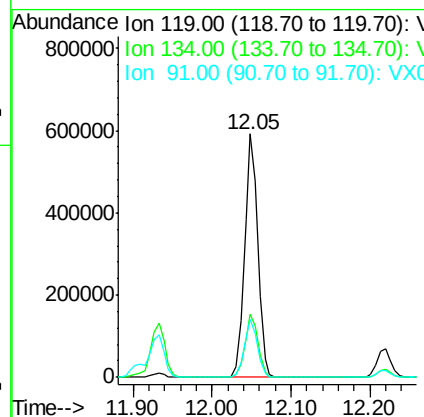
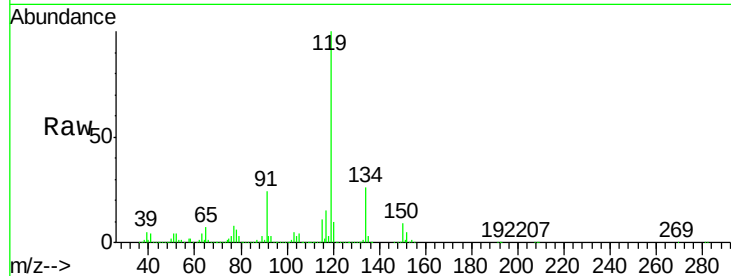
#86
p-Isopropyltoluene
Concen: 47.737 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	686791		
134	25.8	13.1	39.3	
91	23.5	11.8	35.4	

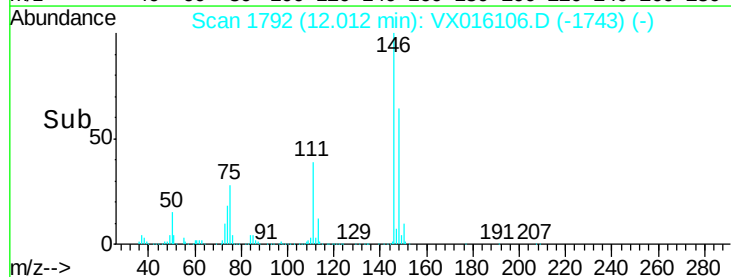
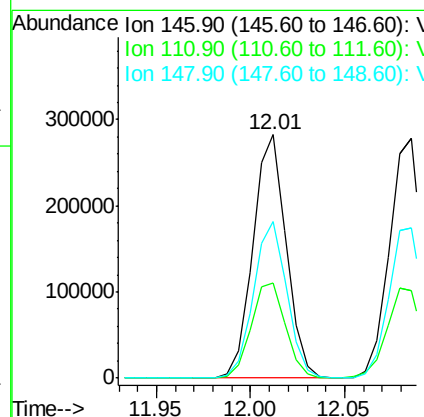
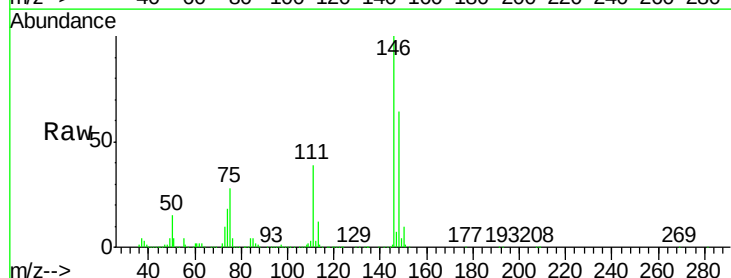
Manual Integrations
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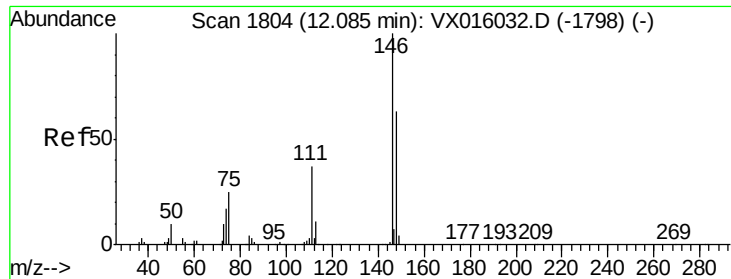
MMDadoda
5/8/2020 11:51:05 AM



#87
1,3-Dichlorobenzene
Concen: 47.181 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016106.D
Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	344886		
111	40.3	20.2	60.6	
148	64.2	32.1	96.3	





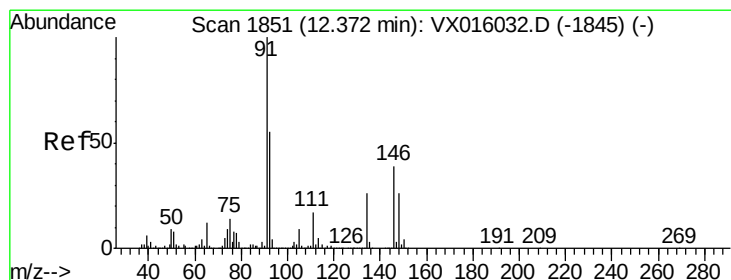
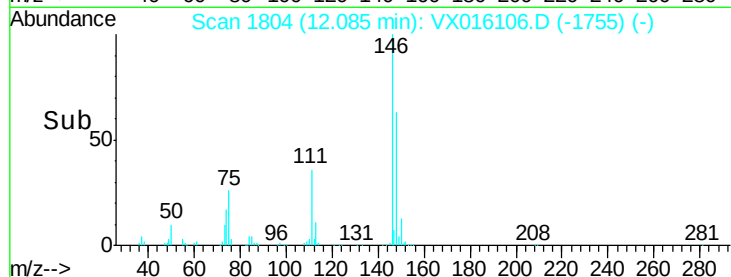
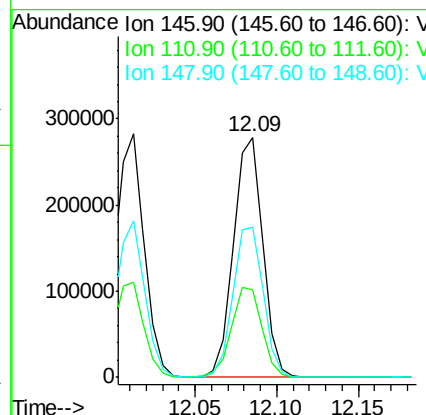
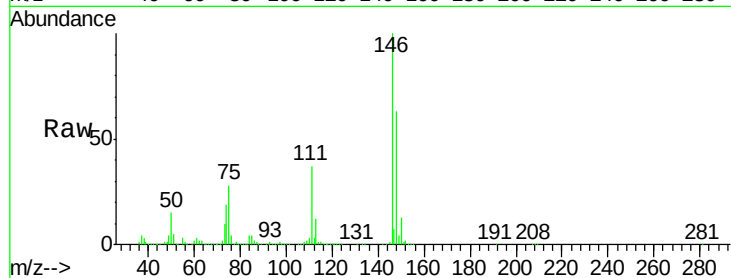
#88
 1,4-Dichlorobenzene
 Concen: 46.933 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	348212		
111	38.8	19.6	58.7	
148	64.5	31.8	95.3	

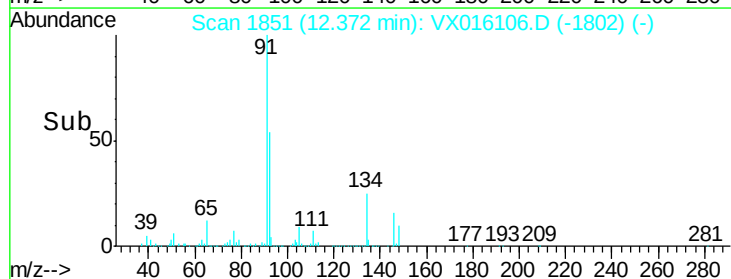
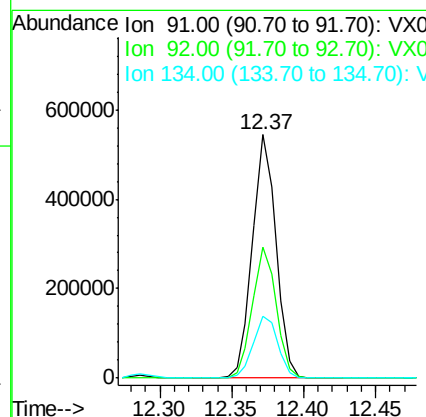
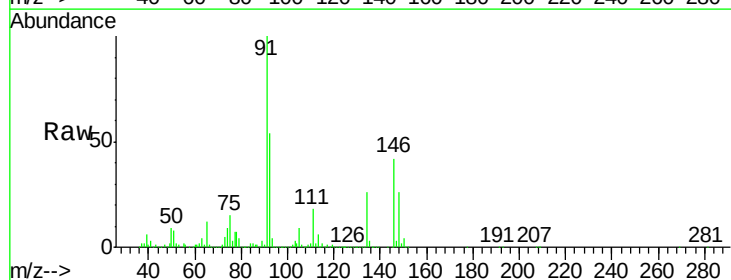
Manual Integrations
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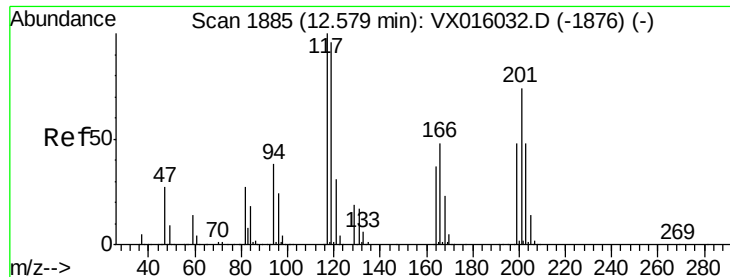
MMDadoda
 5/8/2020 11:51:05 AM



#89
 n-Butylbenzene
 Concen: 46.765 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	614640		
92	54.1	27.6	82.7	
134	26.8	13.4	40.1	





#90

Hexachloroethane

Concen: 48.821 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503MSD

Tot Ion:117 Resp: 120627

Ion Ratio Lower Upper

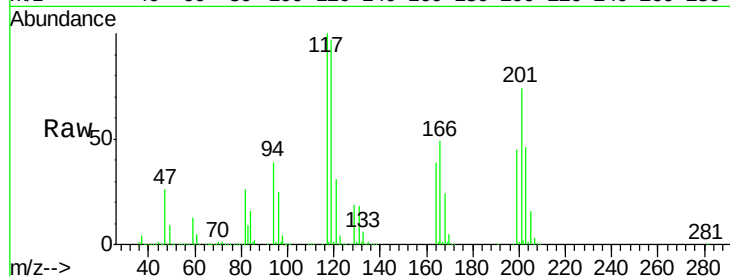
117 100

201 81.0 39.8 119.3

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

100000

80000

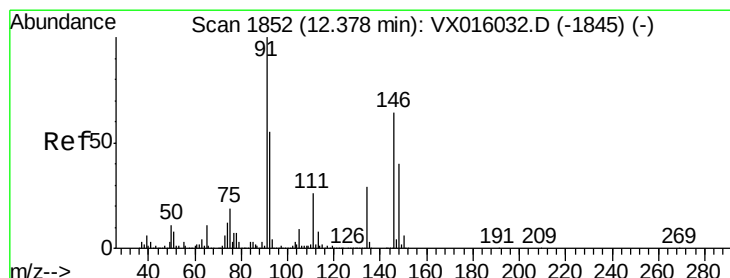
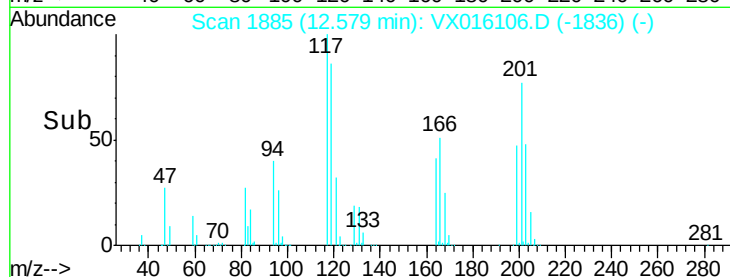
60000

40000

20000

0

Time--> 12.50 12.55 12.60



#91

1,2-Dichlorobenzene

Concen: 47.220 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

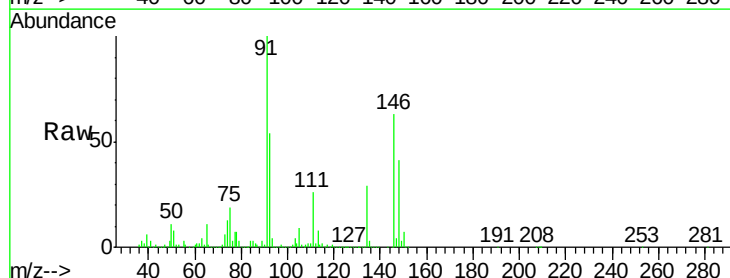
Tgt Ion:146 Resp: 332370

Ion Ratio Lower Upper

146 100

111 41.6 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

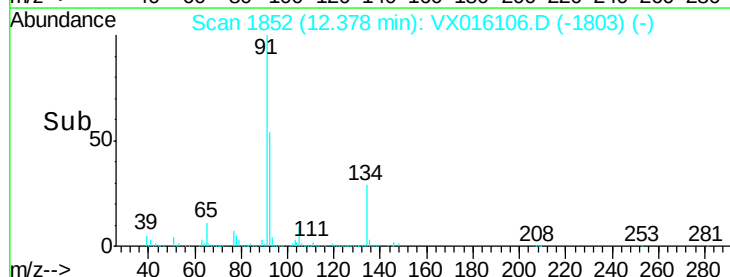
300000

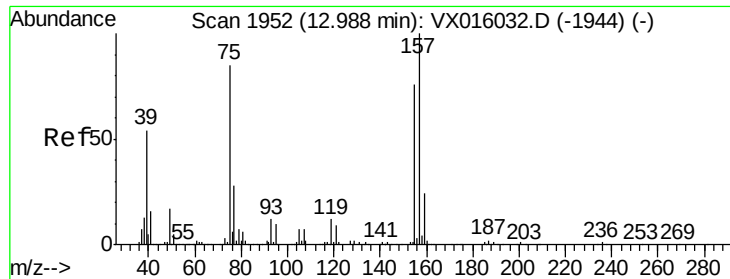
200000

100000

0

Time--> 12.30 12.35 12.40 12.45





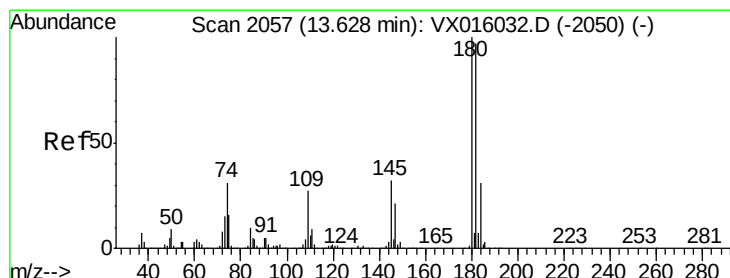
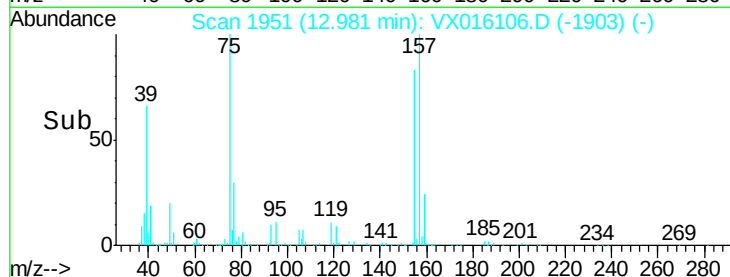
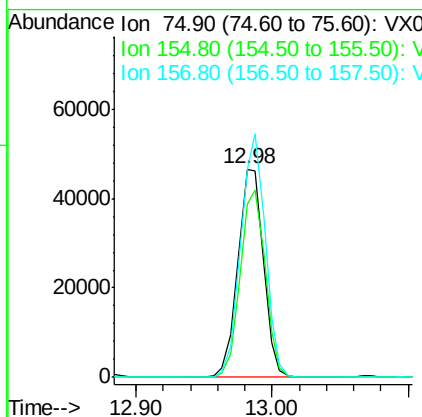
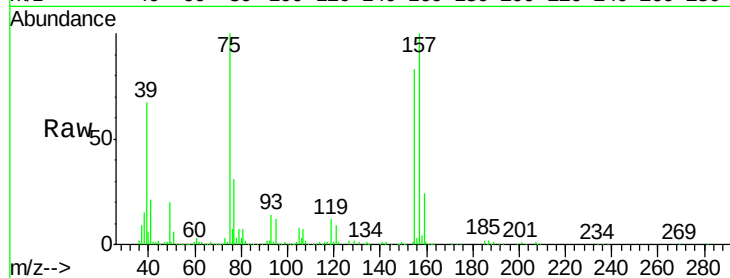
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.899 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	88.4	42.5	127.5
157	112.3	55.3	165.8

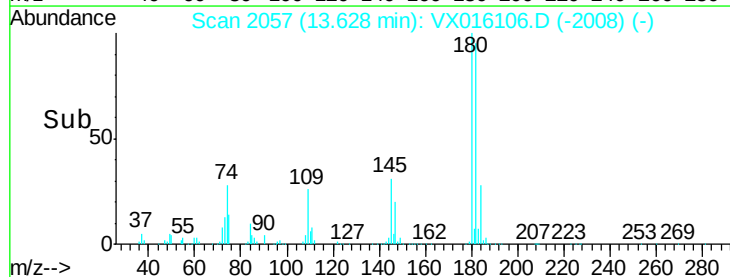
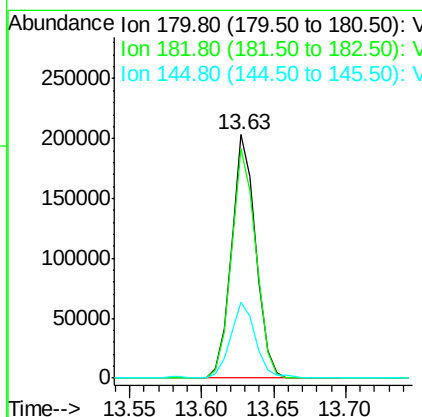
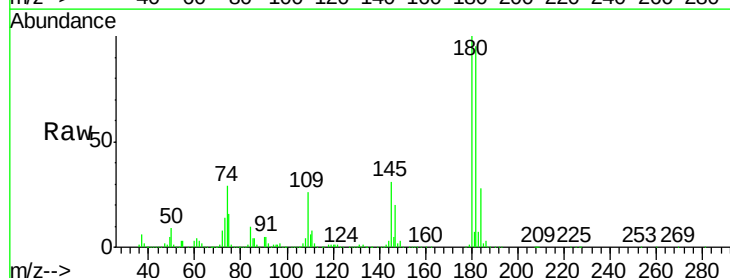
Manual Integrations
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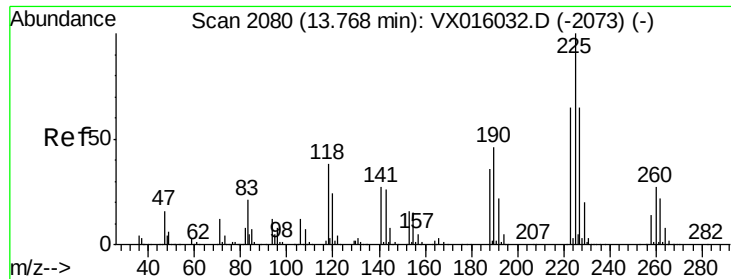
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 5/8/2020 11:51:05 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.858 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.7	146.1
145	32.7	15.7	47.1





#94

Hexachlorobutadiene

Concen: 47.621 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Instrument :

MSVOA_X

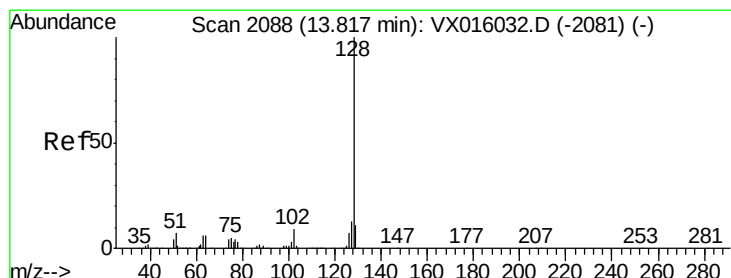
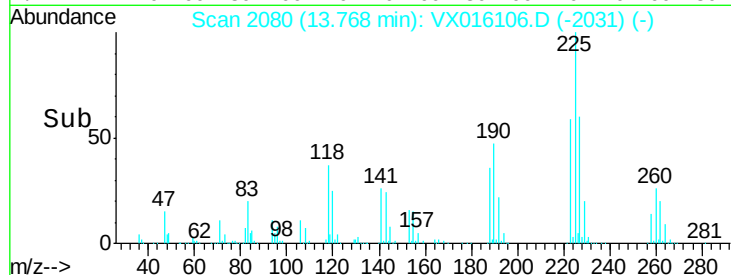
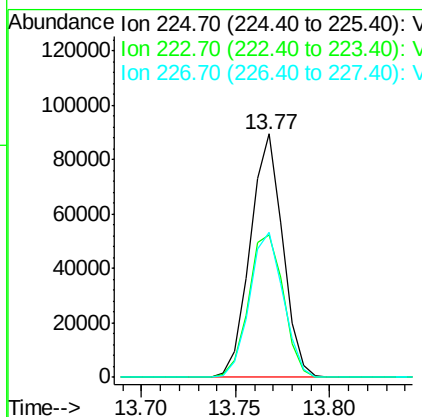
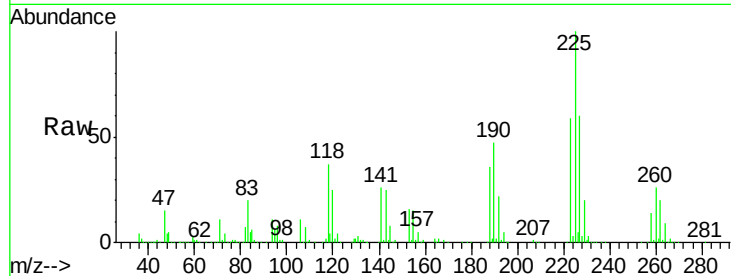
ClientSampleId :

SS038RW151-200503MSD

Tot Ion:	225	Resp:	106802
Ion Ratio		Lower	Upper
225	100		
223	62.9	32.3	96.9
227	61.9	31.8	95.4

Manual Integrations
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5/8/2020 11:51:05 AM



#95

Naphthalene

Concen: 47.833 ug/l

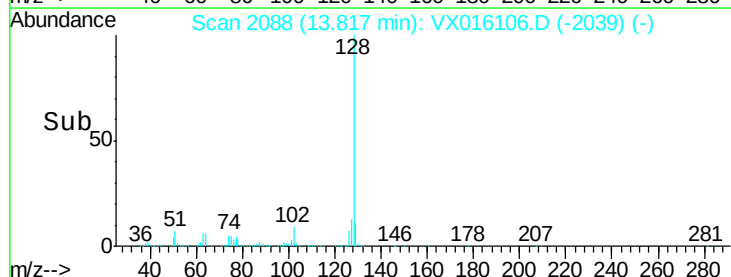
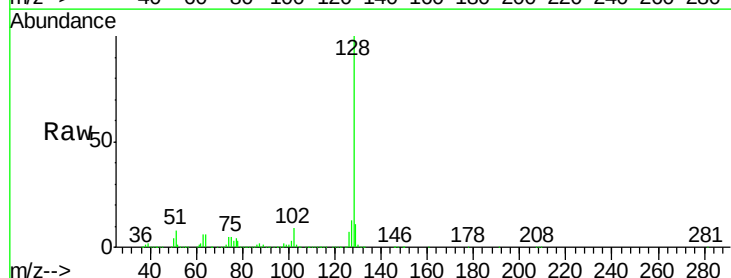
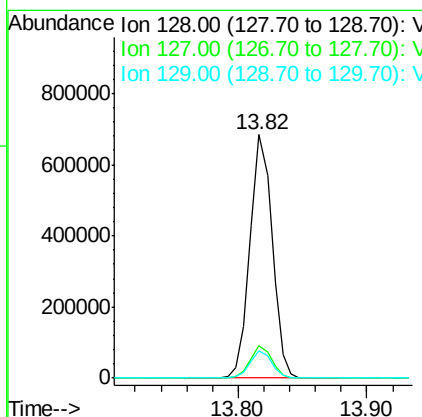
RT: 13.82 min Scan# 2088

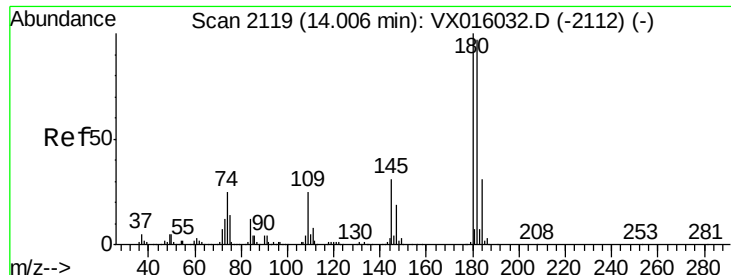
Delta R.T. -0.00 min

Lab File: VX016106.D

Acq: 07 May 2020 19:51

Tgt Ion:	128	Resp:	807116
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 46.751 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016106.D
 Acq: 07 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	48.4	145.0
145	33.3	16.4	49.1

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:05 AM

