

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001107.D
 Acq On : 25 Apr 2018 05:07
 Operator : JC/MD
 Sample : J2463-11MS 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:29 AM

Quant Time: Apr 25 08:36:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	158193	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	130088	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	8.73	98	473316	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	193764	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	165733	55.34	ug/l	99
3) Chloromethane	1.32	50	148140	53.12	ug/l	99
4) Vinyl Chloride	1.40	62	15197357	5258.19	ug/l #	21
5) Bromomethane	1.64	94	81876	49.13	ug/l	100
6) Chloroethane	1.73	64	89694	52.23	ug/l	98
7) Trichlorofluoromethane	1.93	101	236468	54.46	ug/l	99
8) Diethyl Ether	2.19	74	85254	53.16	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128556	50.53	ug/l	99
10) Methyl Iodide	2.51	142	87784	37.25	ug/l	99
11) Tert butyl alcohol	3.08	59	146934	318.30	ug/l	99
12) 1,1-Dichloroethene	2.38	96	126844	53.92	ug/l	98
13) Acrolein	2.30	56	63254	431.52	ug/l	98
14) Allyl chloride	2.73	41	197882	46.48	ug/l	98
15) Acrylonitrile	3.15	53	356438	285.30	ug/l	99
16) Acetone	2.45	43	581228	504.27	ug/l	100
17) Carbon Disulfide	2.57	76	308392	45.99	ug/l	100
18) Methyl Acetate	2.78	43	226968	65.08	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	435197	55.02	ug/l	100
20) Methylene Chloride	2.86	84	140615	58.13	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	145669	55.62	ug/l	97
22) Diisopropyl ether	3.88	45	450544	54.66	ug/l	98
23) Vinyl Acetate	3.83	43	1823777	267.28	ug/l	100
24) 1,1-Dichloroethane	3.70	63	238078	51.50	ug/l	99
25) 2-Butanone	4.71	43	736322	409.23	ug/l	99
26) 2,2-Dichloropropane	4.59	77	80808	20.32	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	1883081	645.45	ug/l	89
28) Bromochloromethane	5.03	49	99200	55.80	ug/l	98
29) Tetrahydrofuran	5.17	42	328323	288.76	ug/l	99
30) Chloroform	5.23	83	260196	54.34	ug/l	99
31) Cyclohexane	5.58	56	218673	50.67	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	230857	53.78	ug/l	99
36) 1,1-Dichloropropene	5.81	75	189227	47.51	ug/l	100
37) Ethyl Acetate	4.87	43	198438	54.31	ug/l #	81
38) Carbon Tetrachloride	5.79	117	204824	50.79	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	225750	48.69	ug/l	100
40) Benzene	6.15	78	590314	53.31	ug/l	99
41) Methacrylonitrile	5.07	41	117707	51.59	ug/l	99
42) 1,2-Dichloroethane	6.21	62	222017	52.23	ug/l	99
43) Isopropyl Acetate	6.48	43	334788	53.41	ug/l	99
44) Trichloroethene	7.22	130	165297	48.86	ug/l	100
45) 1,2-Dichloropropane	7.52	63	144915	52.04	ug/l	100
46) Dibromomethane	7.67	93	99076	50.93	ug/l	100
47) Bromodichloromethane	7.91	83	190877	52.96	ug/l	99
48) Methyl methacrylate	7.79	41	181090	53.65	ug/l	98
49) 1,4-Dioxane	7.76	88	58379	1176.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	3532084	928.05	ug/l	100
52) Toluene	8.79	92	2069146	286.29	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	194102	45.03	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	186523	45.89	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160236	55.78	ug/l	99
56) Ethyl methacrylate	9.19	69	228771	54.22	ug/l	98
57) 1,3-Dichloropropane	9.38	76	246207	51.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	280494	136.21	ug/l	100
59) 2-Hexanone	9.51	43	835264	286.72	ug/l	99
60) Dibromochloromethane	9.59	129	163363	54.15	ug/l	100
61) 1,2-Dibromoethane	9.68	107	161636	53.32	ug/l	99
64) Tetrachloroethene	9.34	164	165869	47.19	ug/l	99
65) Chlorobenzene	10.15	112	739299	83.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	160024	52.90	ug/l	99
67) Ethyl Benzene	10.26	91	1025812	70.09	ug/l	99
68) m/p-Xylenes	10.37	106	828567	143.65	ug/l	98
69) o-Xylene	10.71	106	428466	77.05	ug/l	97
70) Styrene	10.72	104	480135	52.43	ug/l	94
71) Bromoform	10.87	173	134604	47.92	ug/l	100
73) Isopropylbenzene	11.02	105	776260	51.76	ug/l	99
74) N-amyl acetate	6.48	43	334788	52.18	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	234796	55.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	213413m	53.62	ug/l	
77) Bromobenzene	11.26	156	216838	49.81	ug/l	99
78) n-propylbenzene	11.37	91	884496	51.37	ug/l	99
79) 2-Chlorotoluene	11.43	91	530403	52.13	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	755918	59.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42240	33.70	ug/l	94
82) 4-Chlorotoluene	11.52	91	622645	50.65	ug/l	99
83) tert-Butylbenzene	11.77	119	654540	51.03	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	968528	74.02	ug/l	99
85) sec-Butylbenzene	11.95	105	777646	50.79	ug/l	99
86) p-Isopropyltoluene	12.07	119	714488	50.45	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	433075	53.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	507027	60.61	ug/l	99
89) n-Butylbenzene	12.40	91	608576	48.30	ug/l	99
90) Hexachloroethane	12.60	117	110009	54.82	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	1125222	142.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52894	59.47	ug/l	95

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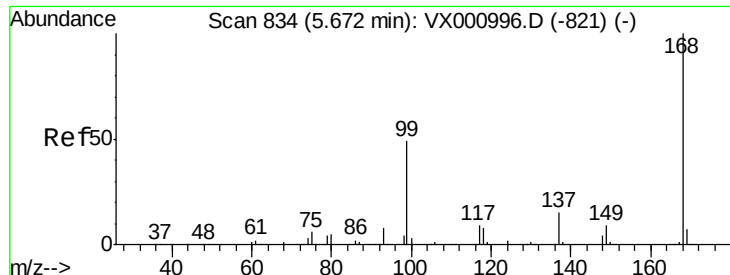
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	309188	46.68	ug/l	100
94) Hexachlorobutadiene	13.79	225	149136	49.76	ug/l	99
95) Naphthalene	13.84	128	1144946	70.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	316258	49.37	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion:168 Resp: 241469

Ion Ratio Lower Upper

168 100

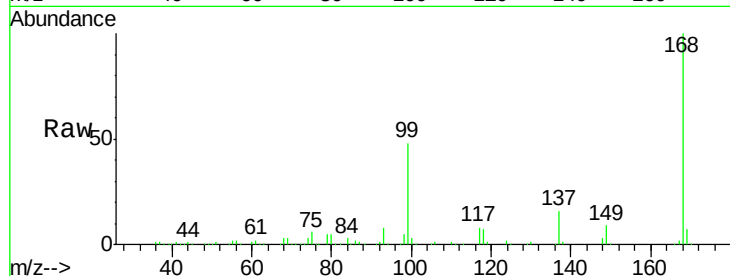
99 48.3 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

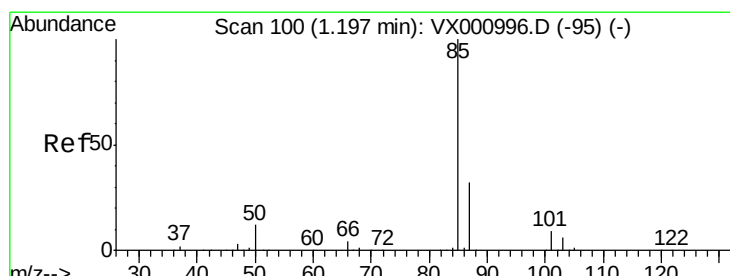
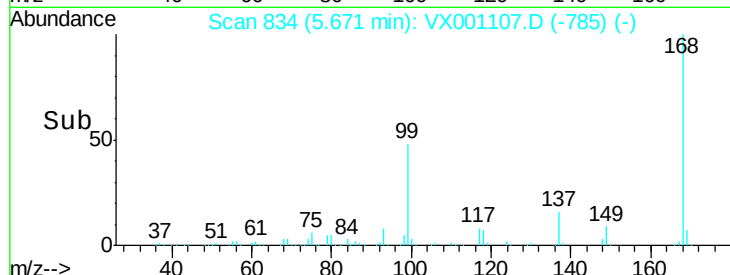
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.34 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001107.D

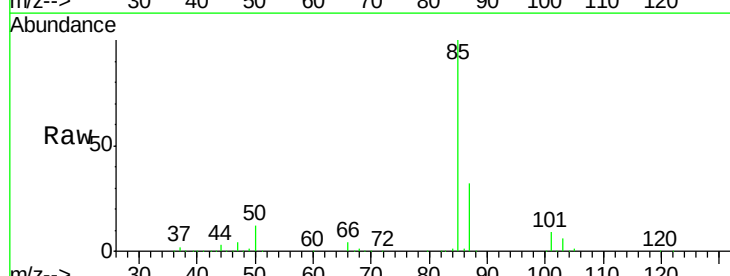
Acq: 25 Apr 2018 05:07

Tgt Ion: 85 Resp: 165733

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

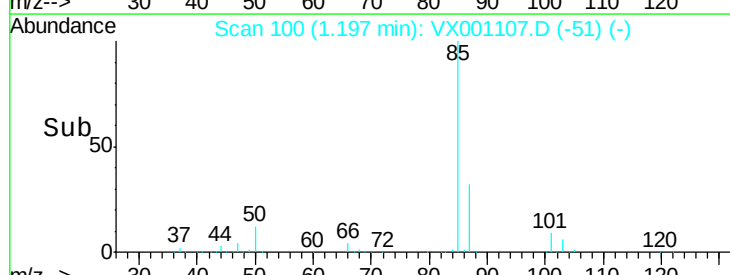
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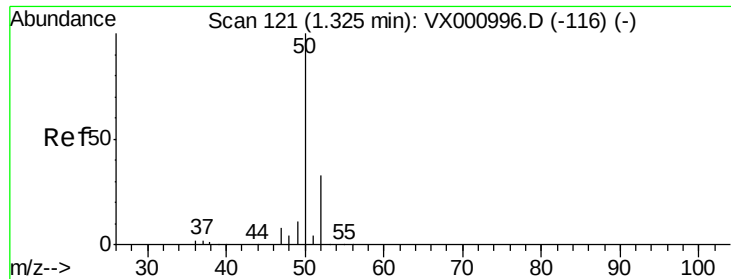
100000

50000

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Time-->





#3

Chloromethane

Concen: 53.12 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion: 50 Resp: 148140

Ion Ratio Lower Upper

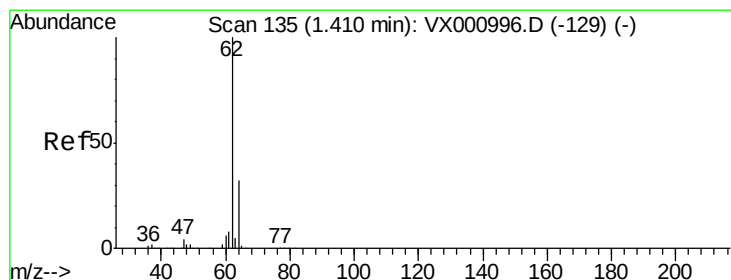
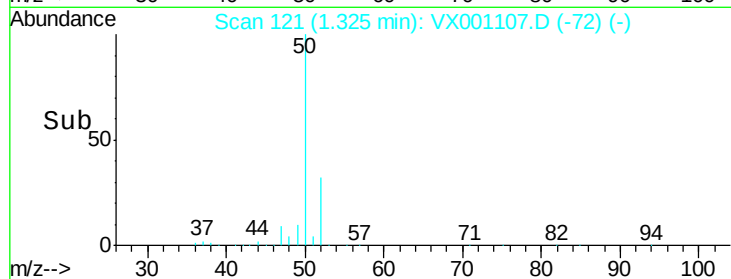
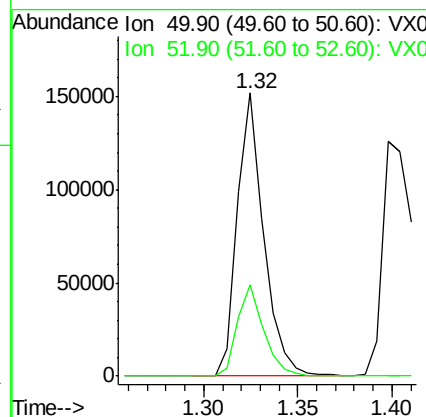
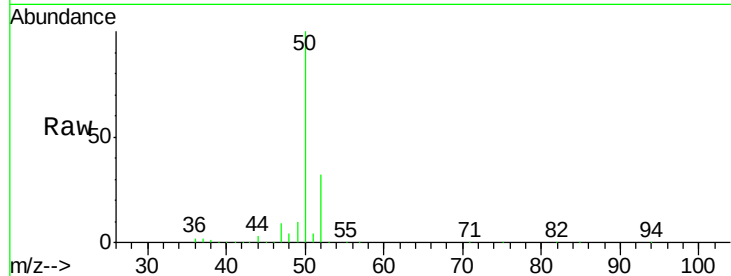
50 100

52 32.2 26.3 39.5

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#4

Vinyl Chloride

Concen: 5258.19 ug/l

RT: 1.40 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX001107.D

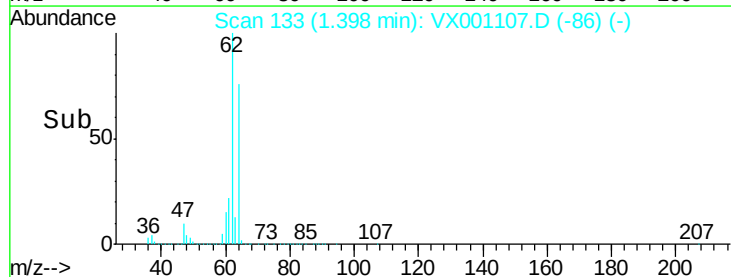
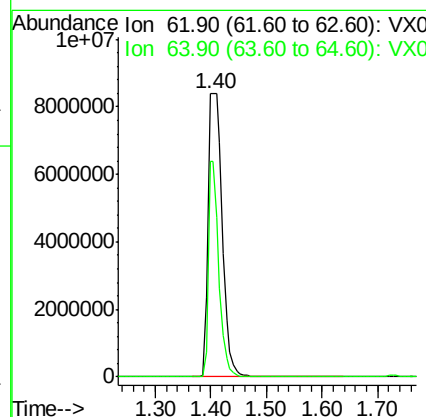
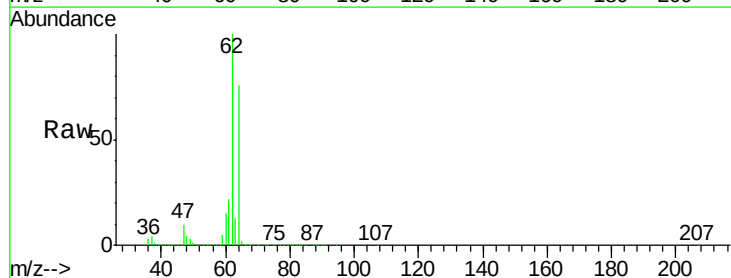
Acq: 25 Apr 2018 05:07

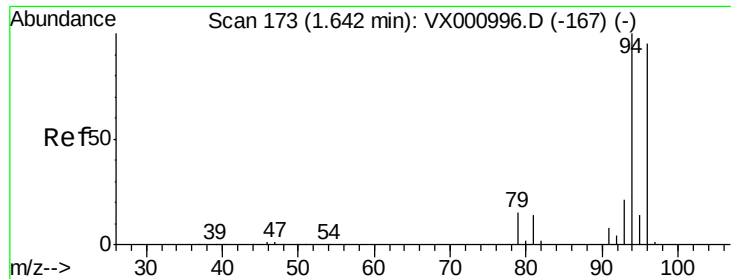
Tgt Ion: 62 Resp:15197357

Ion Ratio Lower Upper

62 100

64 76.2 25.6 38.4#





#5

Bromomethane

Concen: 49.13 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion: 94 Resp: 81876

Ion Ratio Lower Upper

94 100

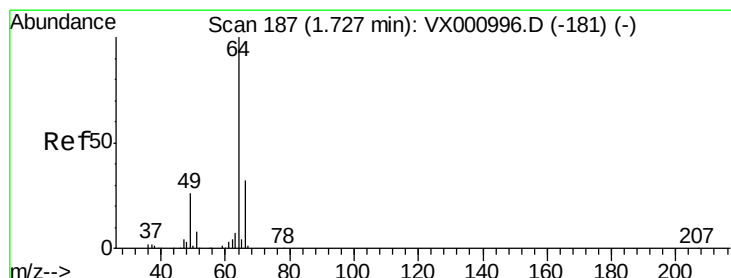
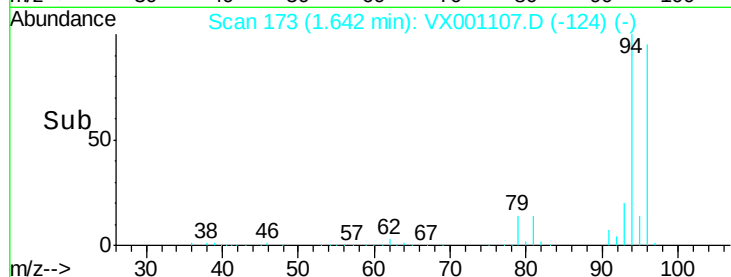
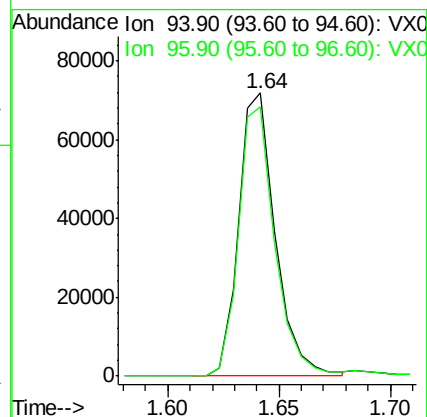
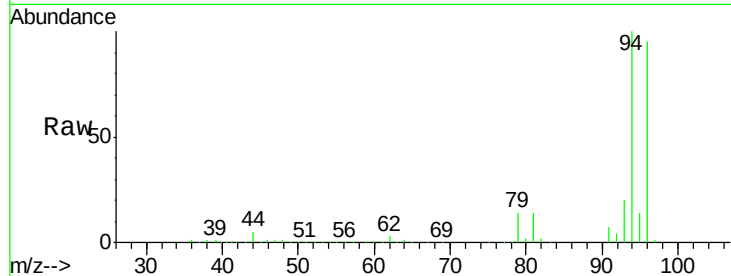
96 95.3 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 52.23 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001107.D

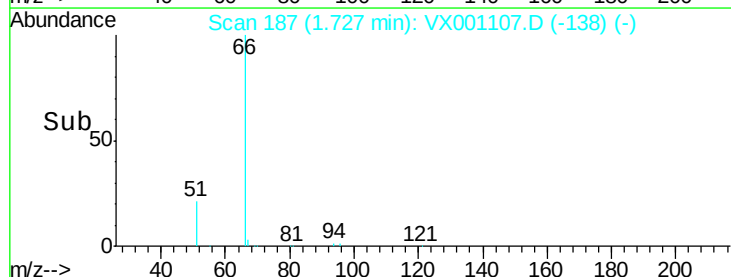
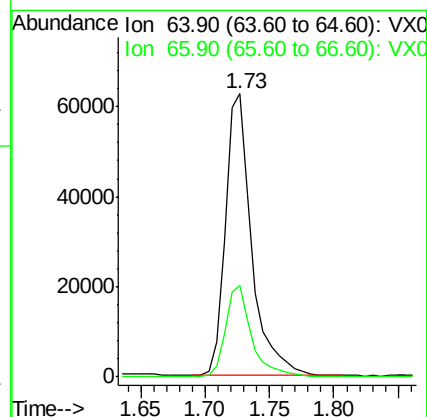
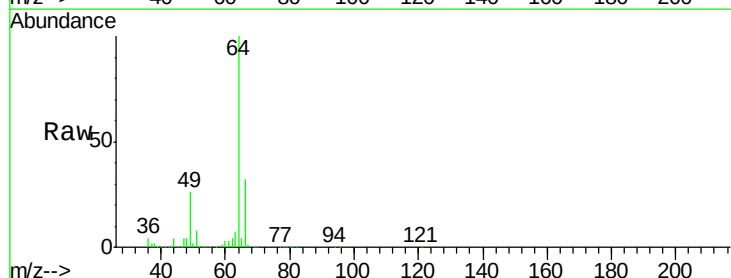
Acq: 25 Apr 2018 05:07

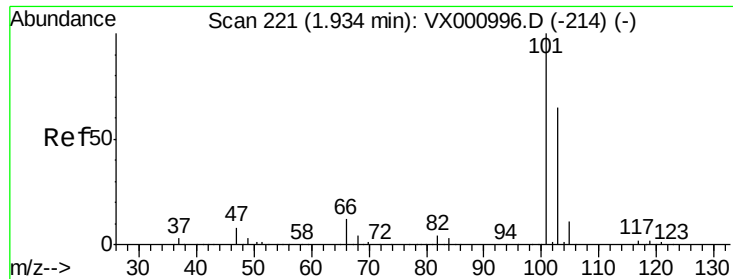
Tgt Ion: 64 Resp: 89694

Ion Ratio Lower Upper

64 100

66 32.6 25.3 37.9





#7

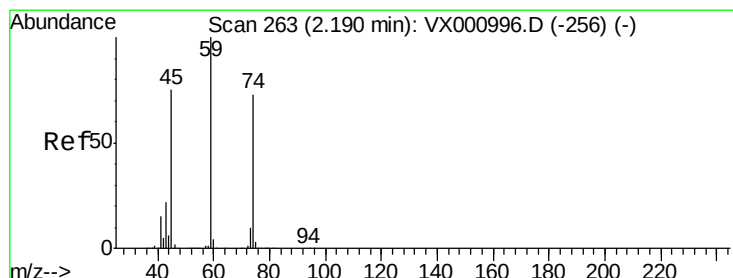
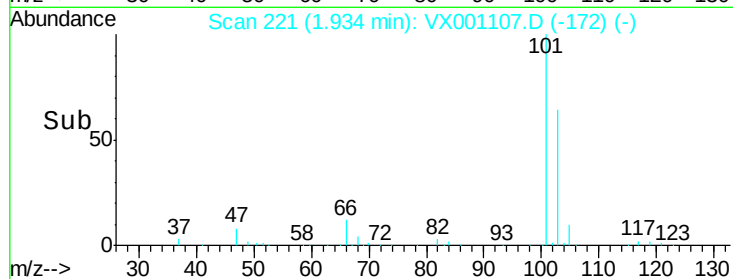
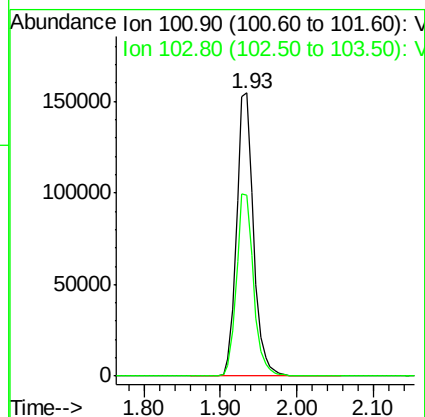
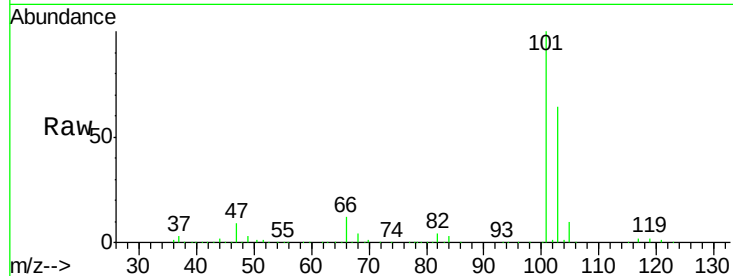
Trichlorofluoromethane
Concen: 54.46 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

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LF001MW001-180418MS

Tot Ion:101 Resp: 236468
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8

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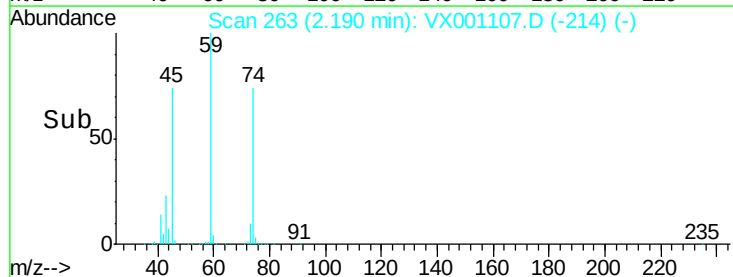
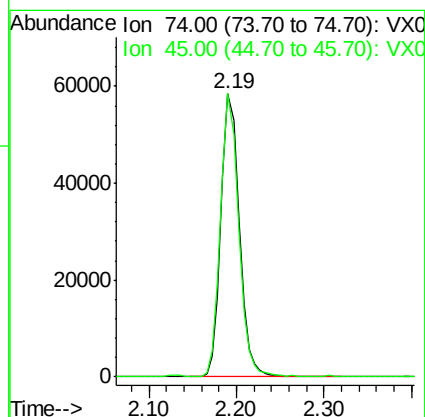
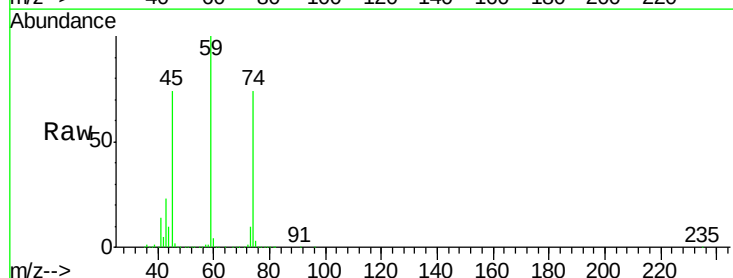
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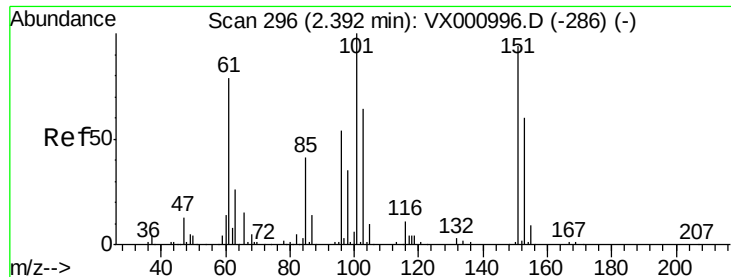


#8

Diethyl Ether
Concen: 53.16 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion: 74 Resp: 85254
Ion Ratio Lower Upper
74 100
45 97.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.53 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

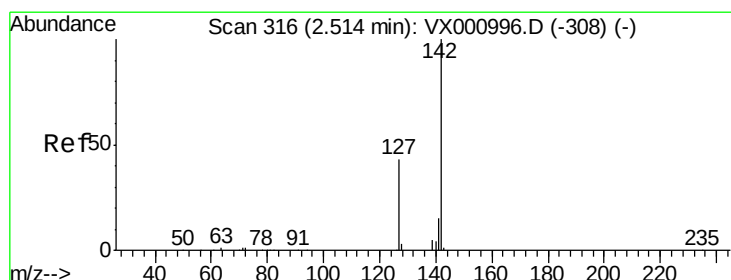
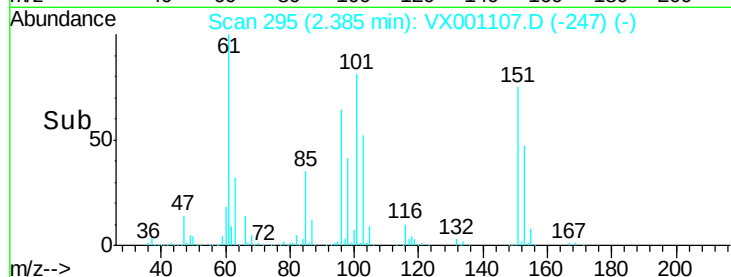
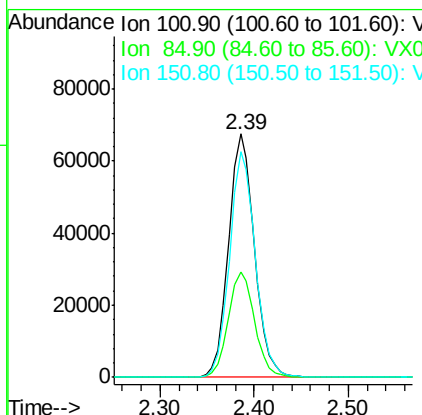
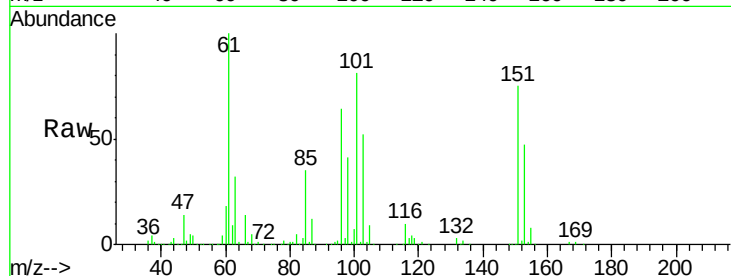
ClientSampleId :

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Tot Ion:	101	Resp:	128556
Ion Ratio	Lower	Upper	
101	100		
85	44.1	33.9	50.9
151	92.2	73.5	110.3

Manual Integrations
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#10

Methyl Iodide

Concen: 37.25 ug/l

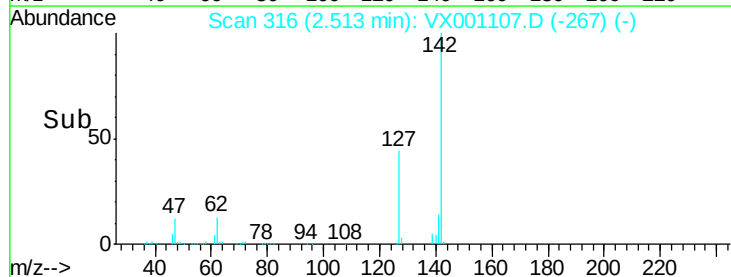
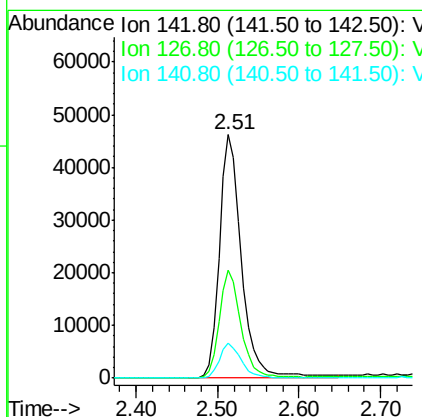
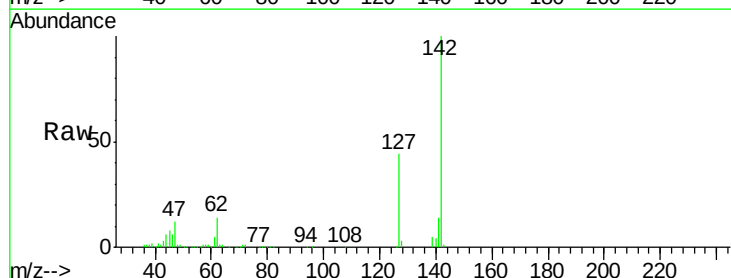
RT: 2.51 min Scan# 316

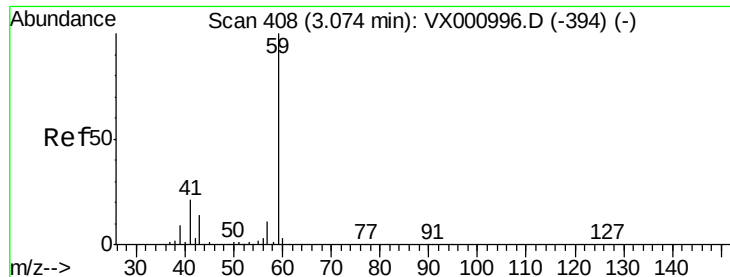
Delta R.T. 0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion:	142	Resp:	87784
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.0	51.0
141	14.1	11.4	17.2





#11

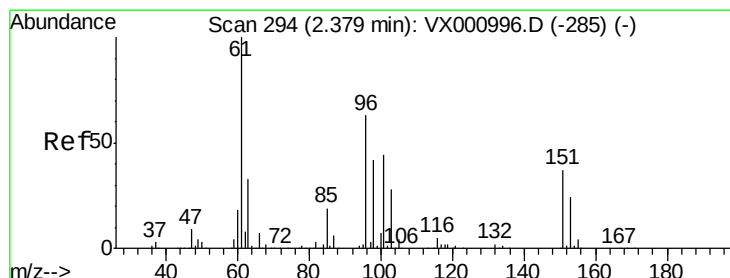
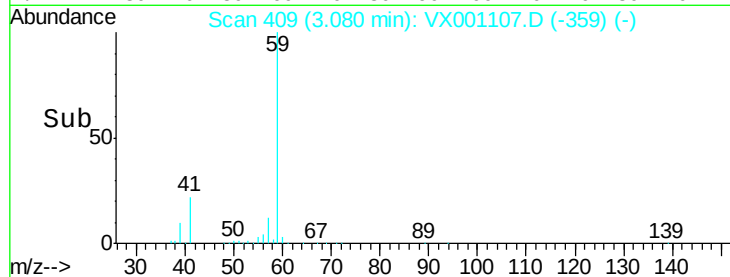
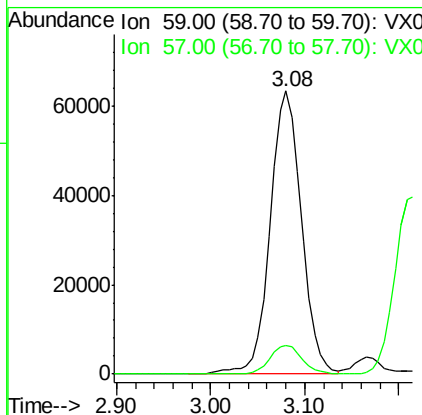
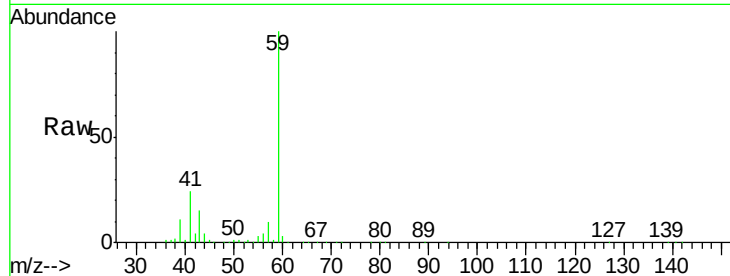
Tert butyl alcohol
 Concen: 318.30 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tot Ion	59	Resp	146934
Ion Ratio	100	Lower	Upper
57	10.6	8.3	12.5

Manual Integrations
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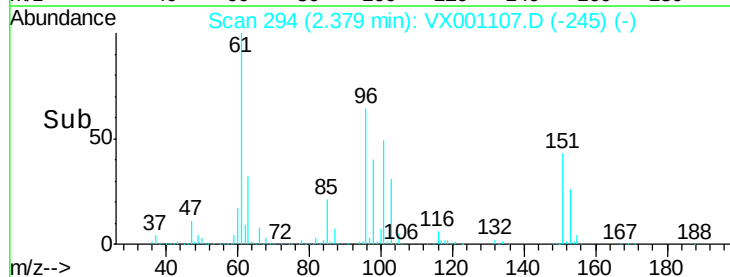
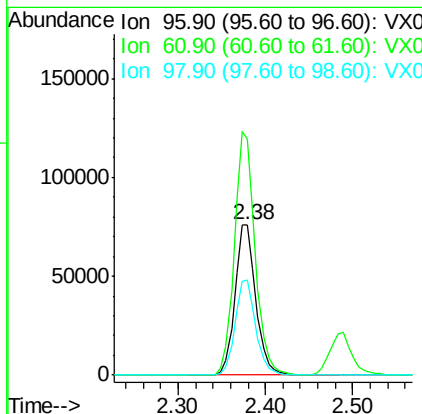
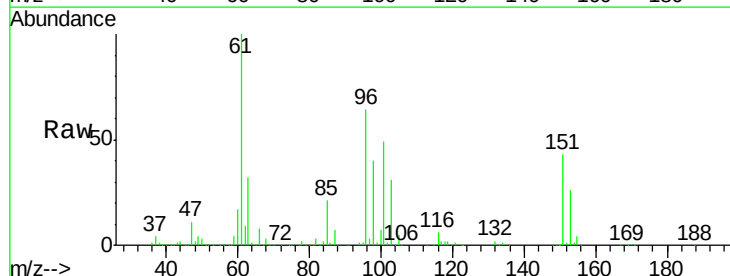
Sohil
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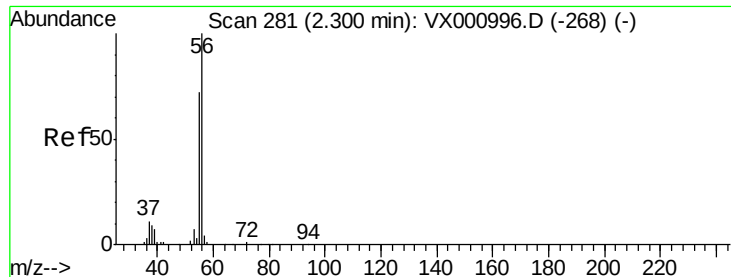


#12

1,1-Dichloroethene
 Concen: 53.92 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion	96	Resp	126844
Ion Ratio	100	Lower	Upper
61	156.7	126.4	189.6
98	63.4	52.6	78.8





#13

Acrolein

Concen: 431.52 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion: 56 Resp: 63254

Ion Ratio Lower Upper

56 100

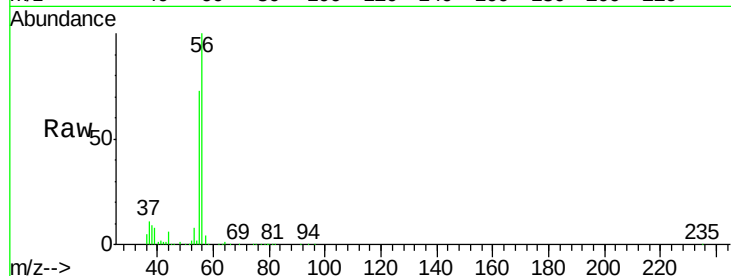
55 70.4 57.4 86.2

Manual Integrations

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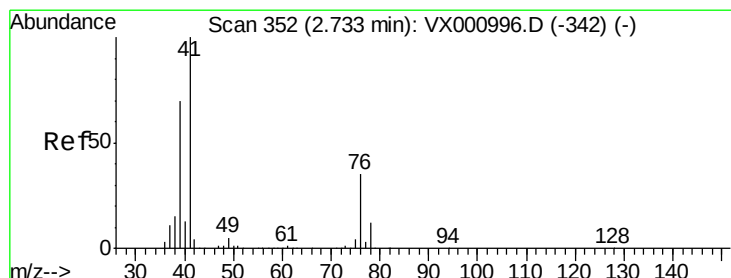
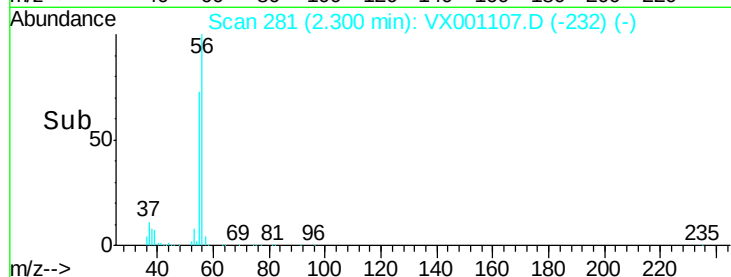
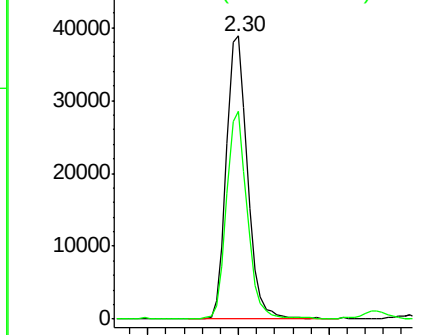
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.48 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

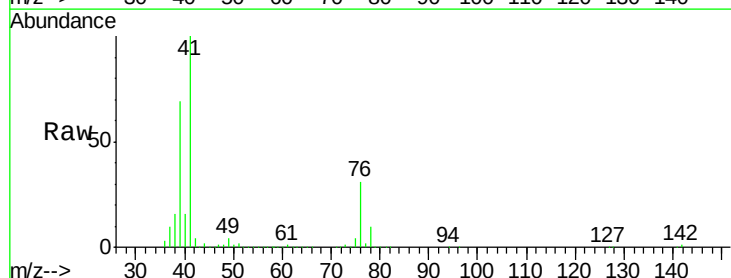
Tgt Ion: 41 Resp: 197882

Ion Ratio Lower Upper

41 100

39 67.4 53.0 79.6

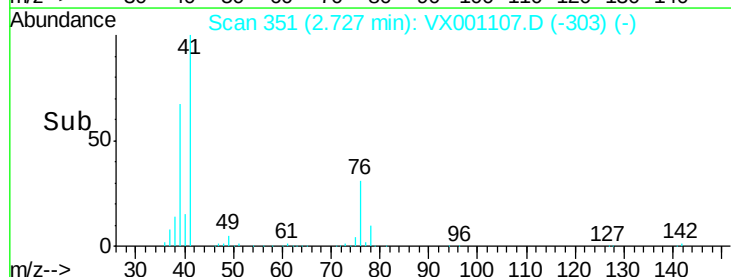
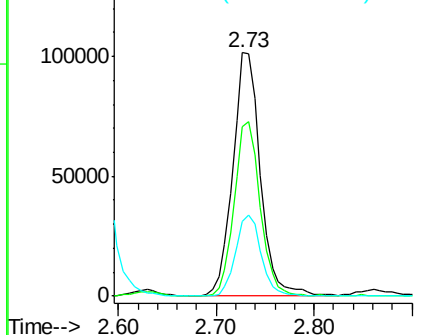
76 31.1 25.9 38.9

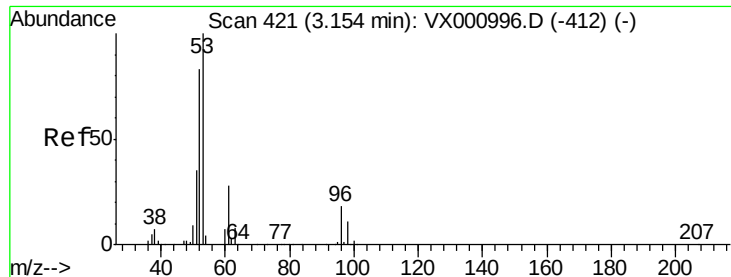


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 285.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

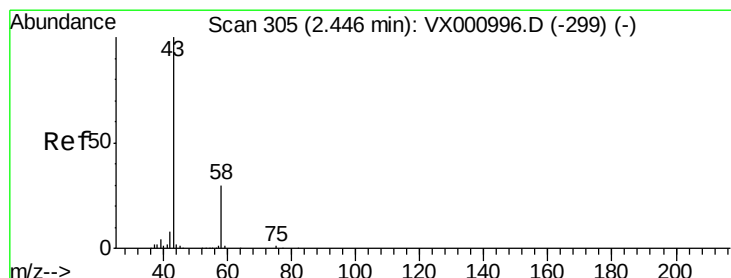
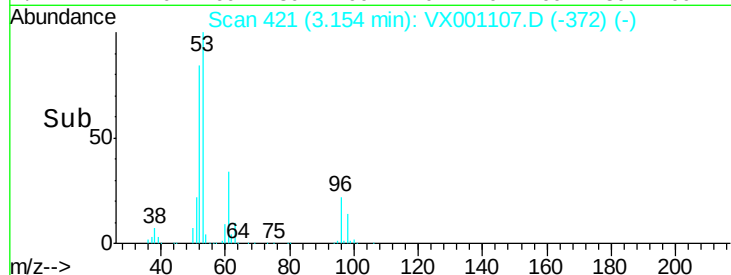
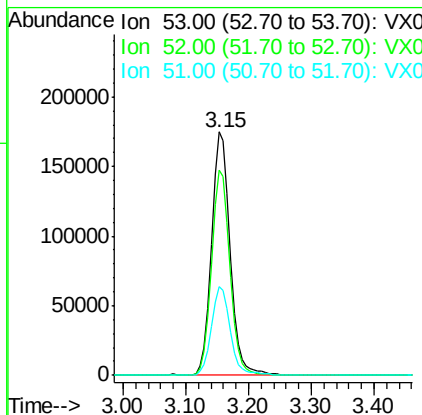
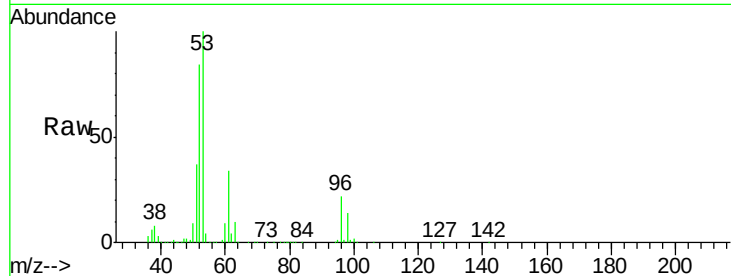
ClientSampleId :

LF001MW001-180418MS

Tot Ion:	53	Resp:	356438
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.4	99.6
51	37.2	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 504.27 ug/l

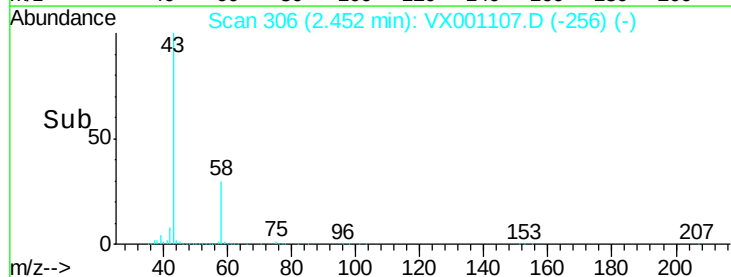
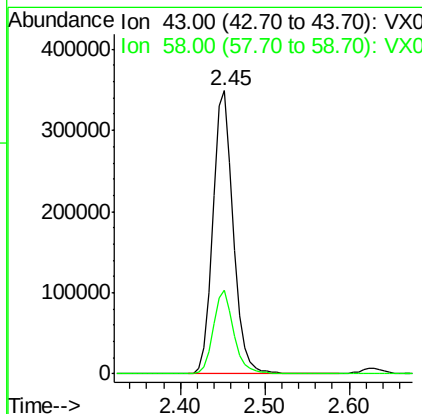
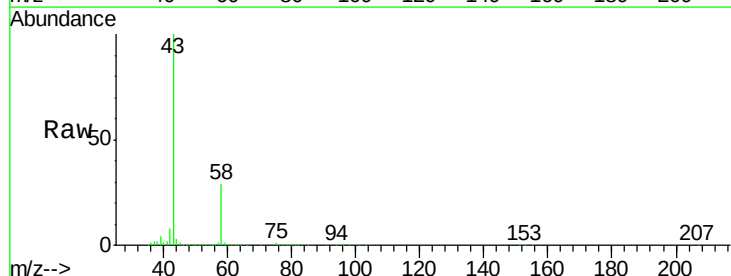
RT: 2.45 min Scan# 306

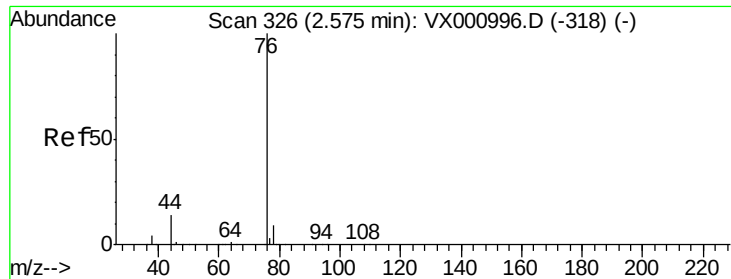
Delta R.T. 0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion:	43	Resp:	581228
Ion Ratio		Lower	Upper
43	100		
58	29.5	23.7	35.5





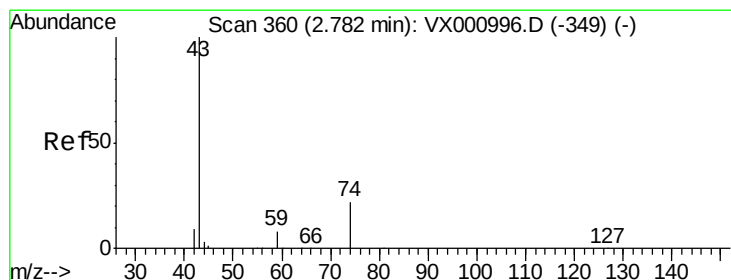
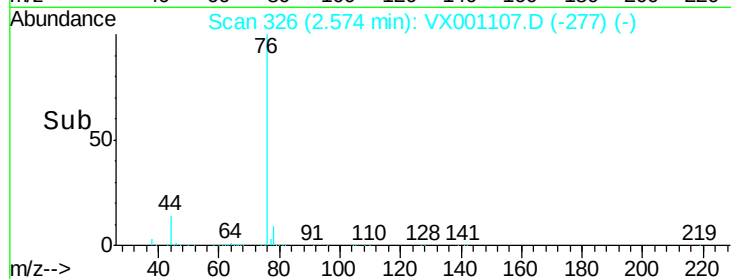
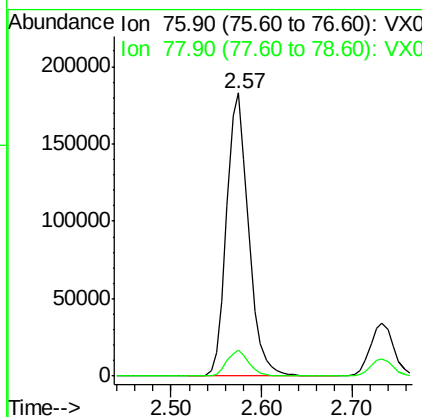
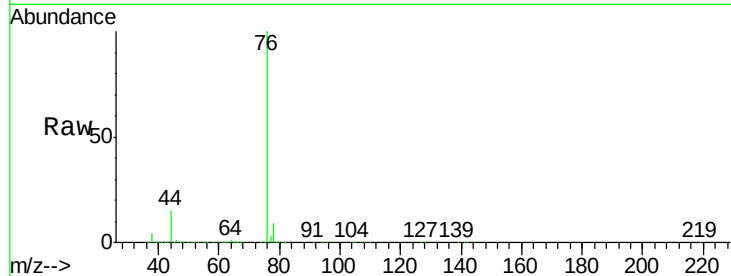
#17
Carbon Disulfide
Concen: 45.99 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

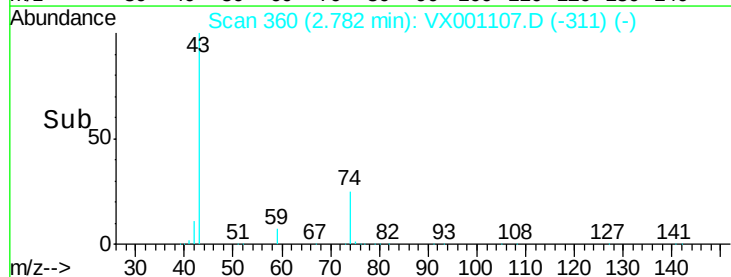
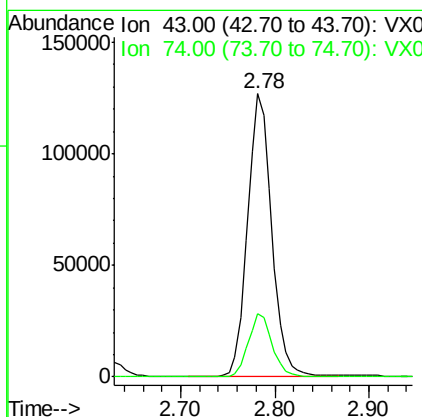
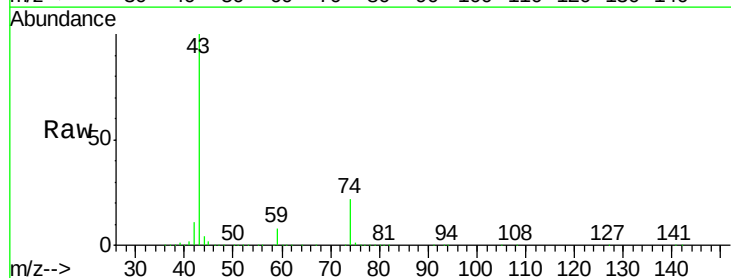
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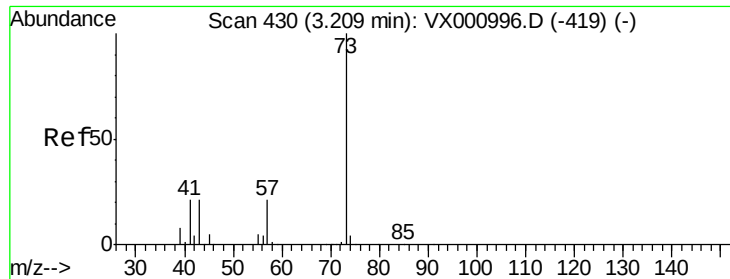
Sohil
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#18
Methyl Acetate
Concen: 65.08 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	18.3	27.5





#19

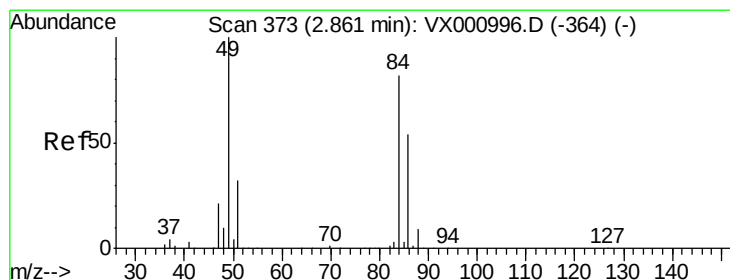
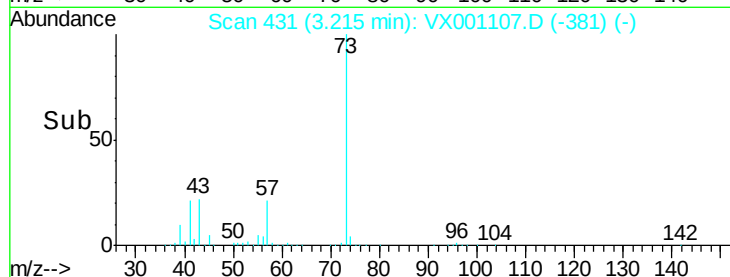
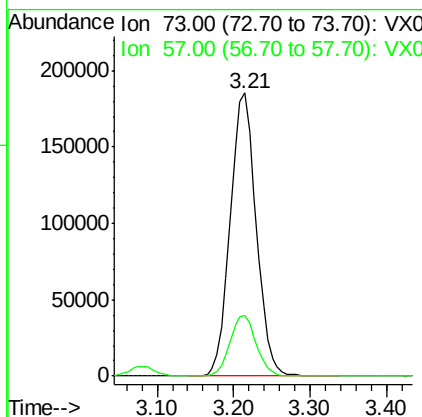
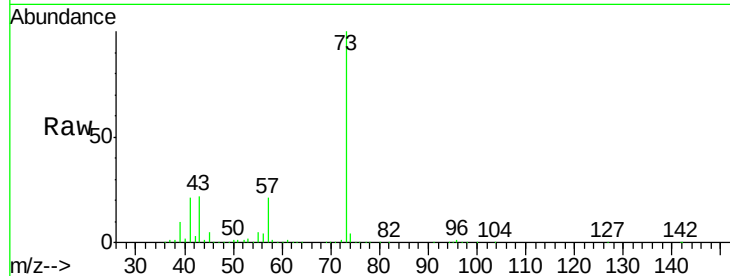
Methyl tert-butyl Ether
 Concen: 55.02 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tot Ion	73	Resp	435197
Ion Ratio	Lower	Upper	
73	100		
57	21.3	17.1	25.7

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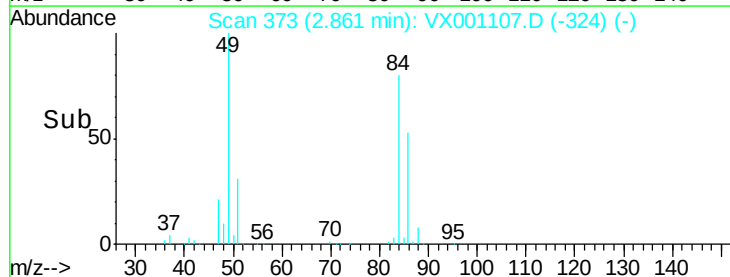
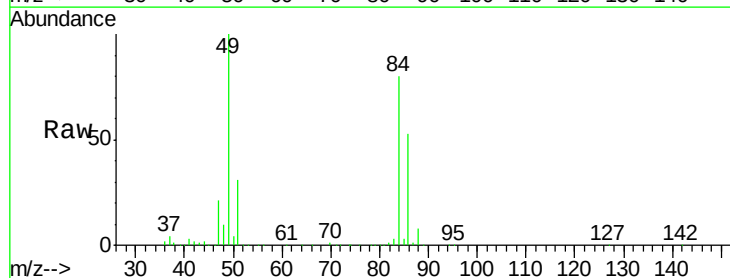
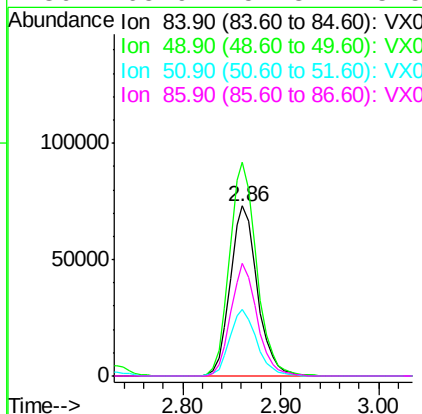
Sohil
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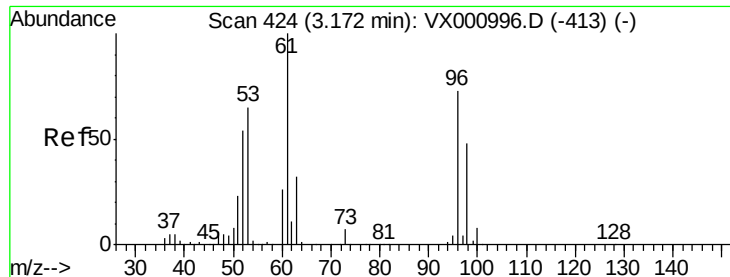


#20

Methylene Chloride
 Concen: 58.13 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion	84	Resp	140615
Ion Ratio	Lower	Upper	
84	100		
49	125.4	97.1	145.7
51	39.3	30.8	46.2
86	65.9	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 55.62 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

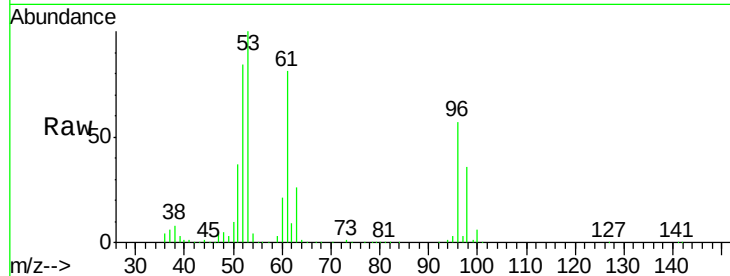
ClientSampleId :

LF001MW001-180418MS

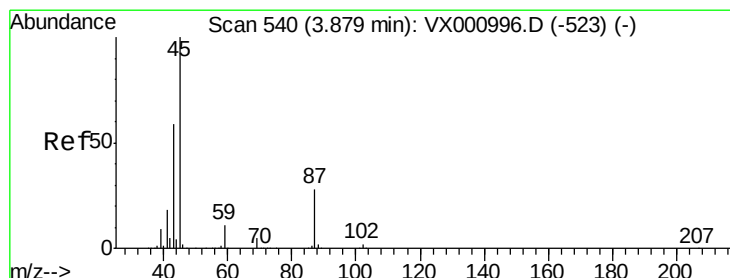
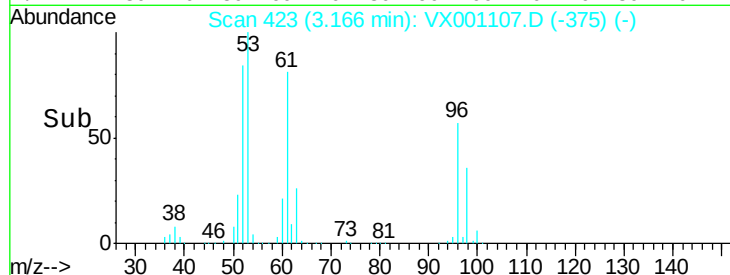
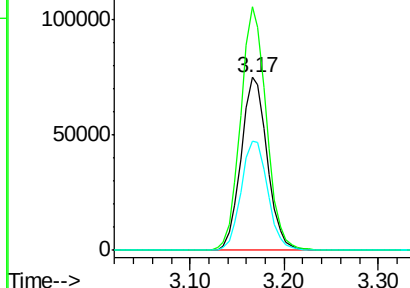
Tot Ion:	96	Resp:	145669
Ion	Ratio	Lower	Upper
96	100		
61	140.6	109.4	164.2
98	63.4	52.6	78.8

Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.66 ug/l

RT: 3.88 min Scan# 540

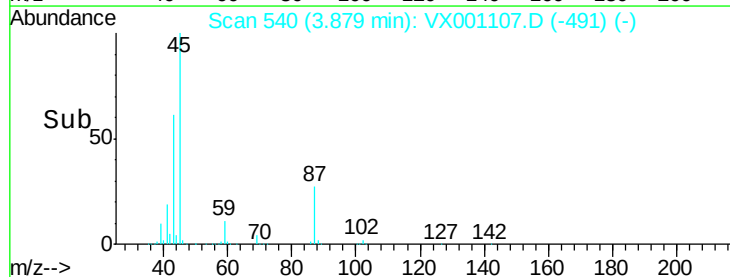
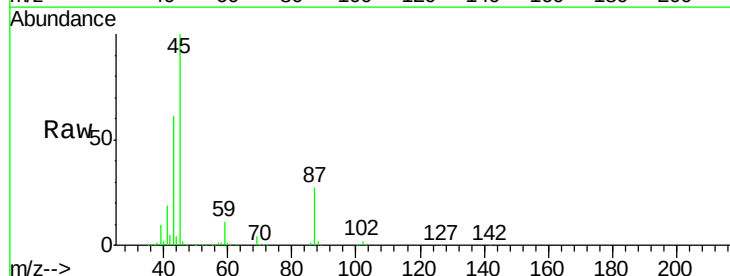
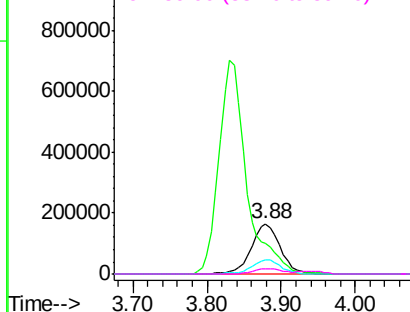
Delta R.T. -0.00 min

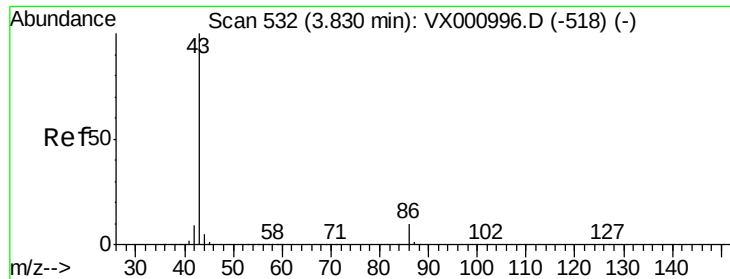
Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion:	45	Resp:	450544
Ion	Ratio	Lower	Upper
45	100		
43	60.5	47.0	70.4
87	27.4	22.5	33.7
59	11.0	8.8	13.2

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 267.28 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tot Ion: 43 Resp: 1823777

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1

Instrument :

MSVOA_X

ClientSampleId :

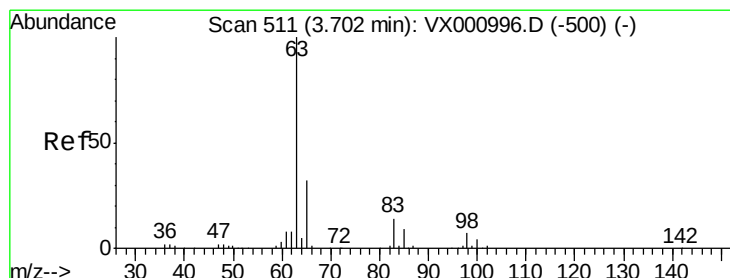
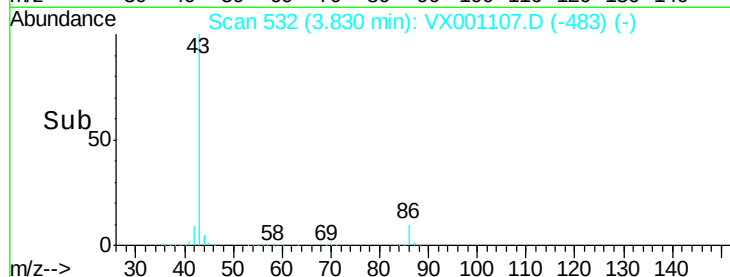
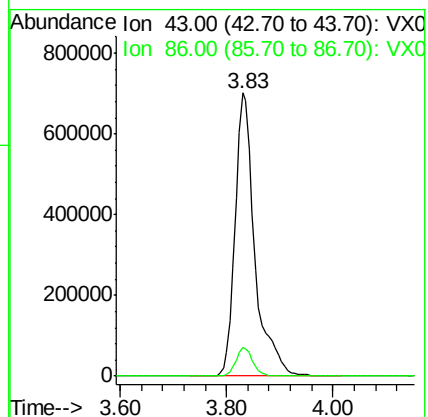
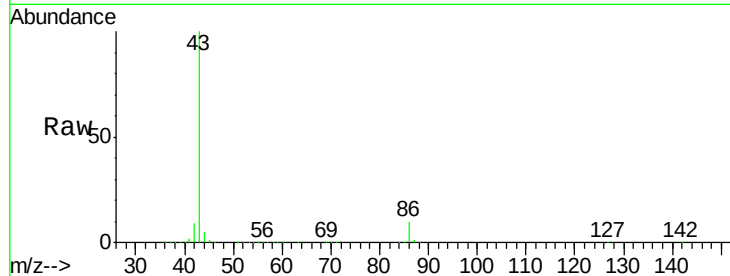
LF001MW001-180418MS

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.50 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

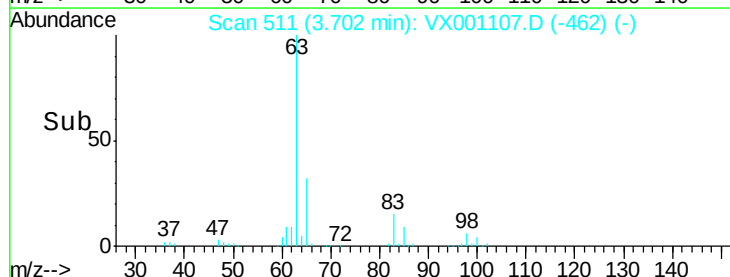
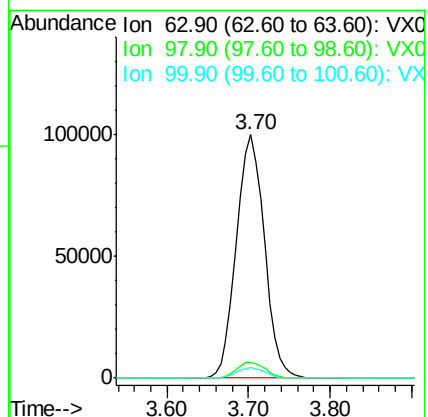
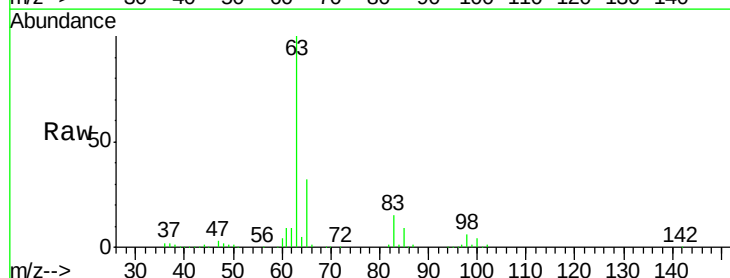
Tgt Ion: 63 Resp: 238078

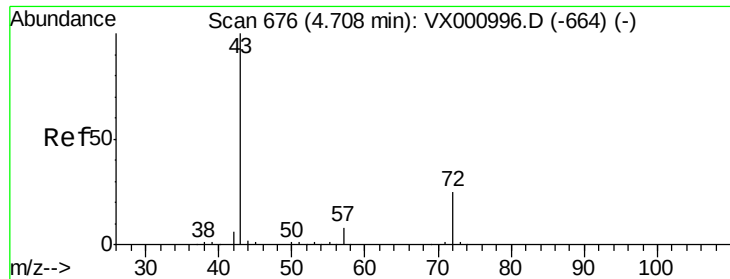
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 409.23 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion: 43 Resp: 736322

Ion Ratio Lower Upper

43 100

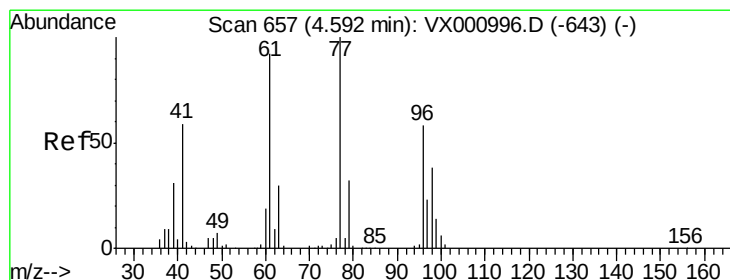
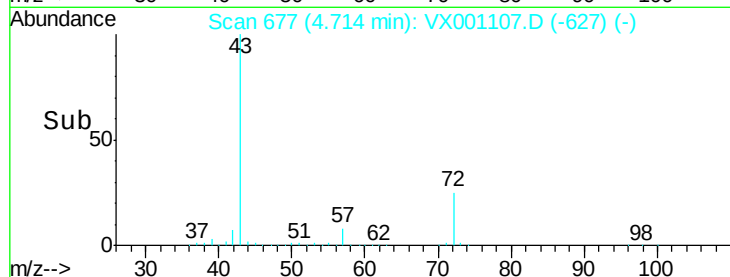
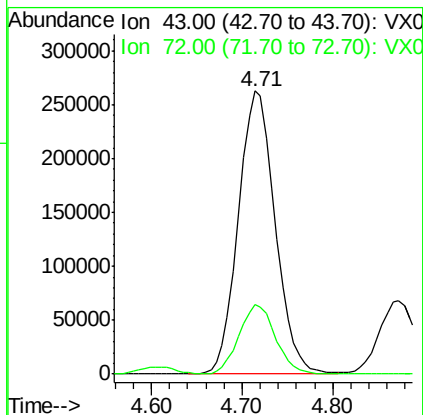
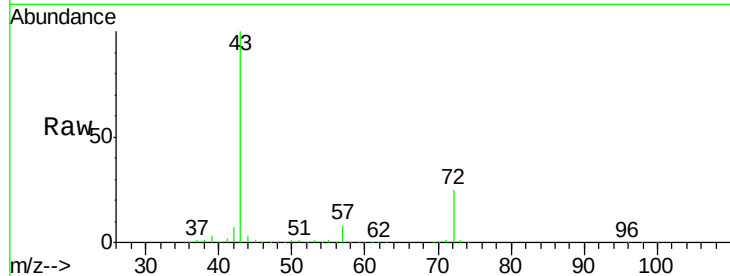
72 24.6 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.32 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001107.D

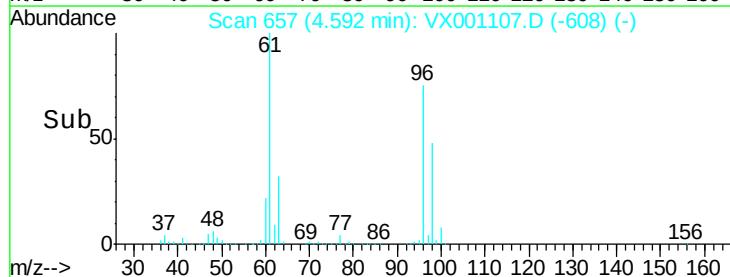
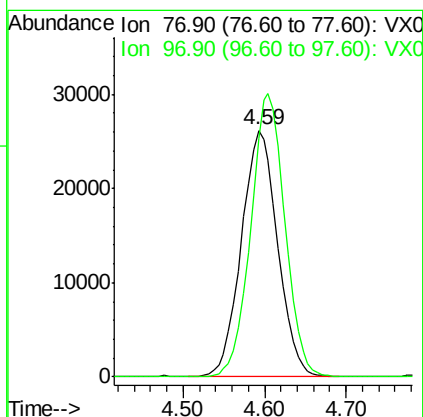
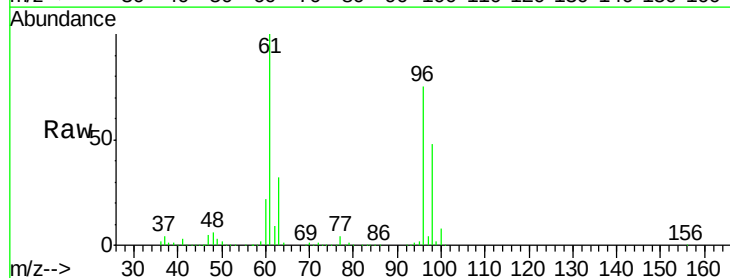
Acq: 25 Apr 2018 05:07

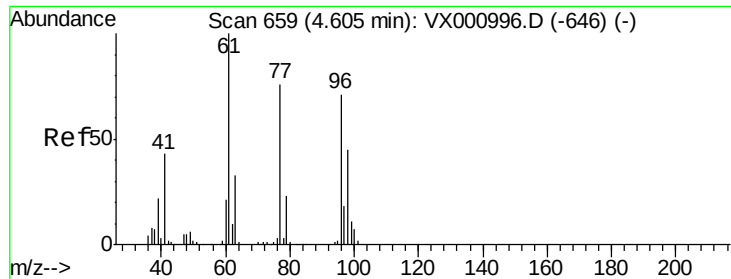
Tgt Ion: 77 Resp: 80808

Ion Ratio Lower Upper

77 100

97 108.7 11.5 34.4#





#27

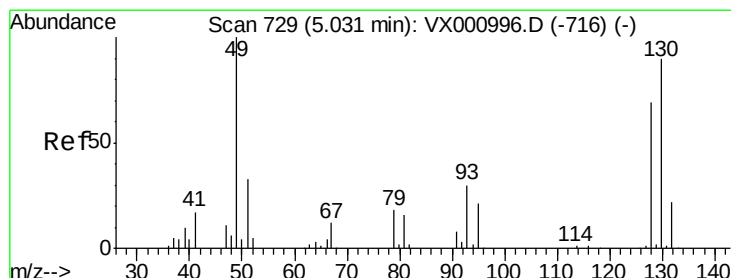
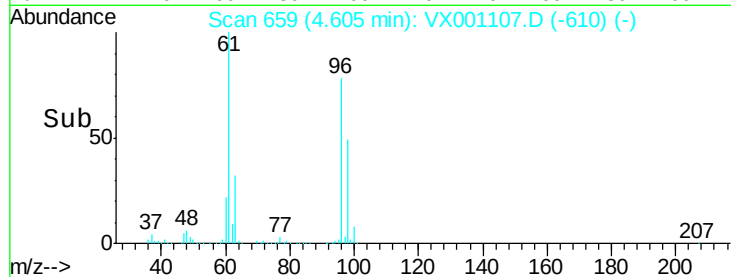
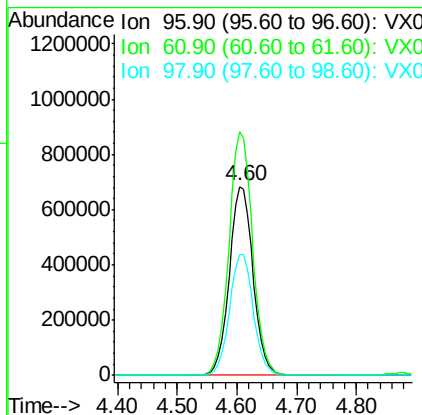
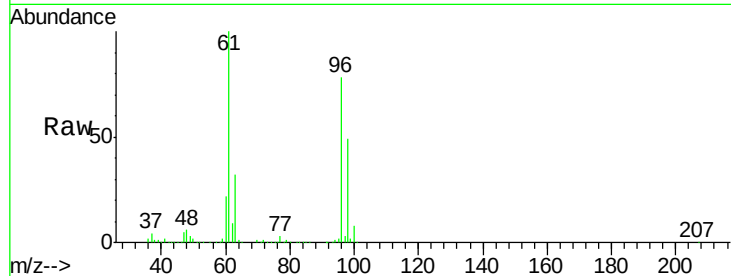
cis-1,2-Dichloroethene
Concen: 645.45 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	0.0	297.0
98	64.6	0.0	130.0

Manual Integrations
APPROVED

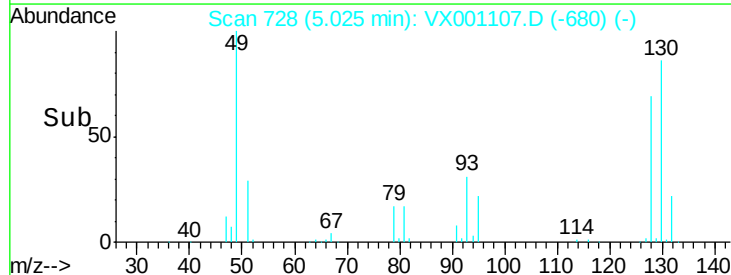
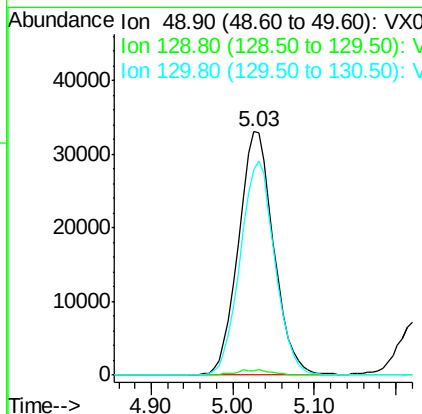
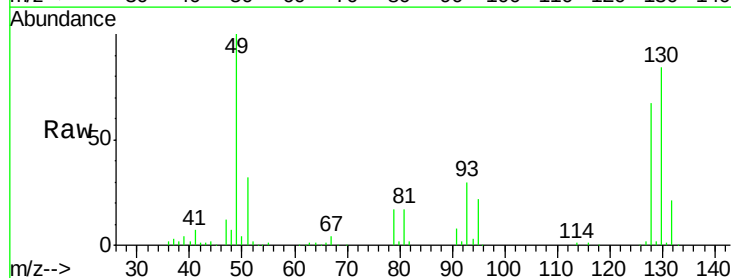
Sohil
4/26/2018 4:06:29 AM

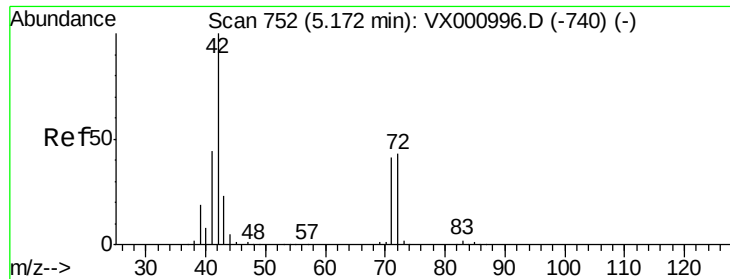


#28

Bromochloromethane
Concen: 55.80 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	86.4	70.6	105.8





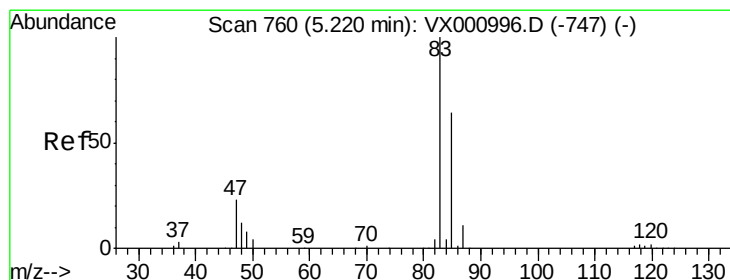
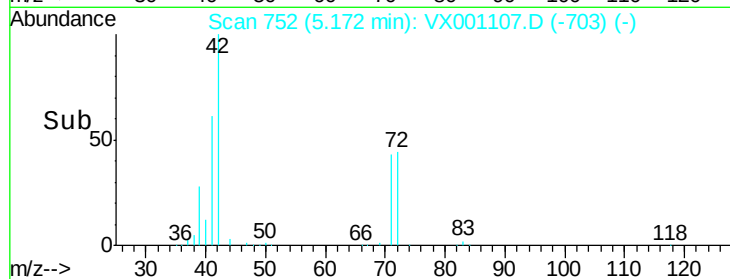
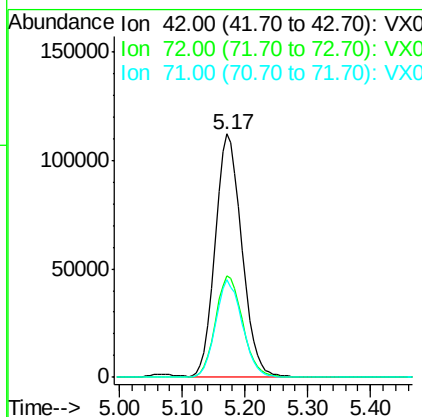
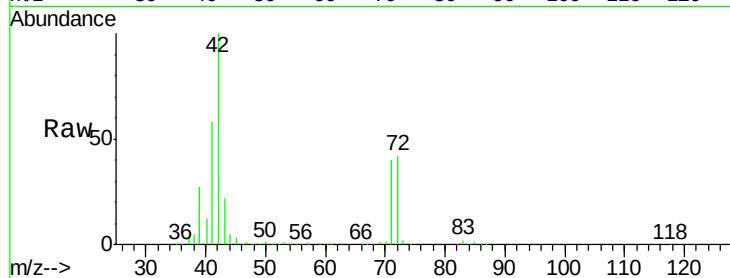
#29
Tetrahydrofuran
Concen: 288.76 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	52.0
71	40.4	32.6	49.0

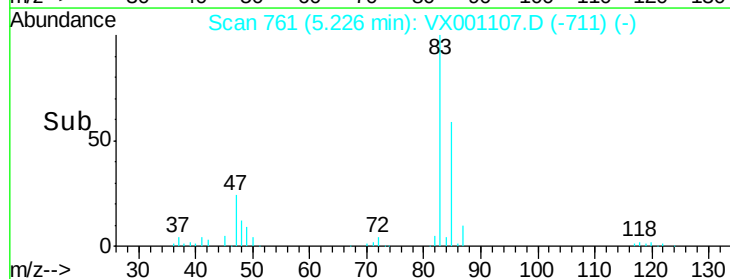
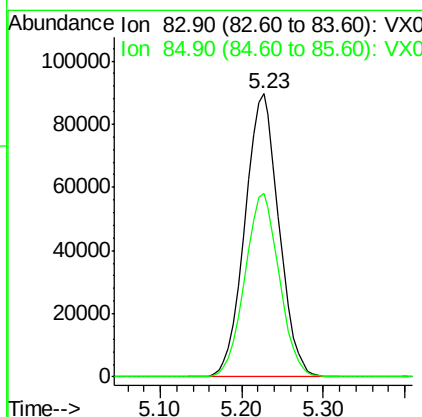
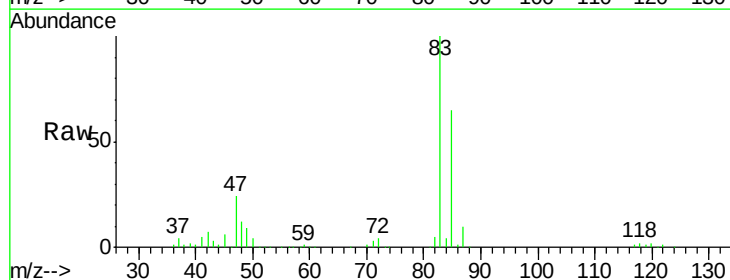
Manual Integrations
APPROVED

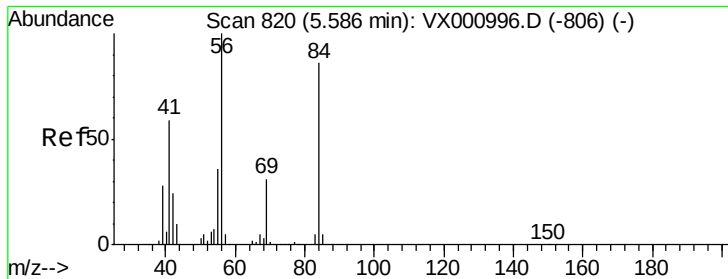
Sohil
4/26/2018 4:06:29 AM



#30
Chloroform
Concen: 54.34 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.3	76.9





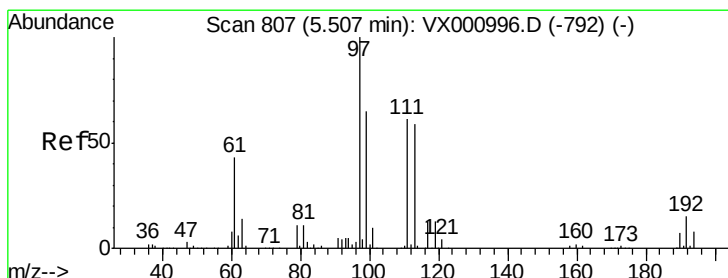
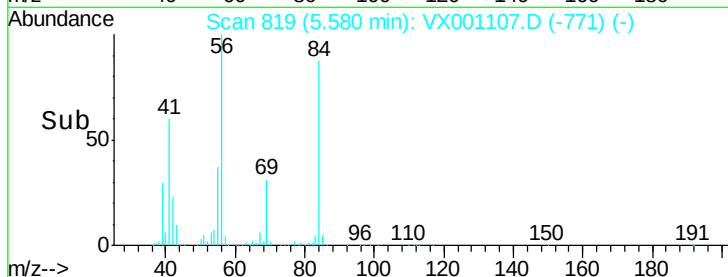
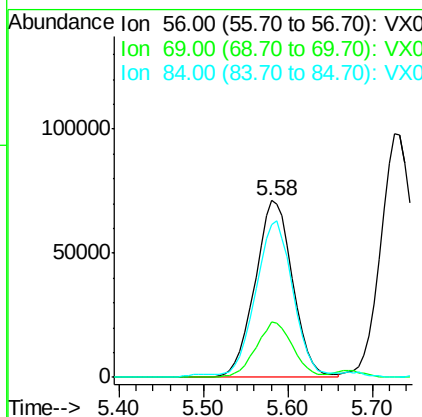
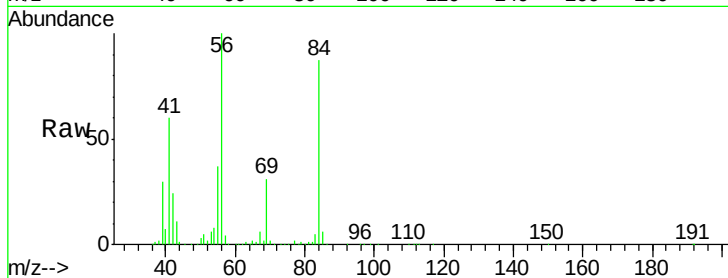
#31
Cyclohexane
Concen: 50.67 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampled :
LF001MW001-180418MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.6	36.8
84	85.6	69.0	103.6

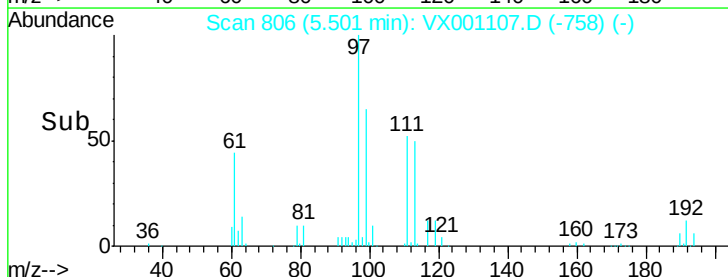
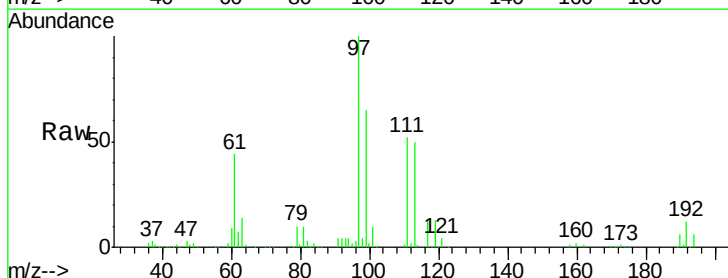
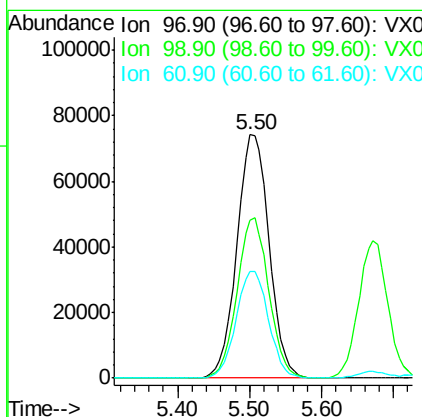
Manual Integrations
APPROVED

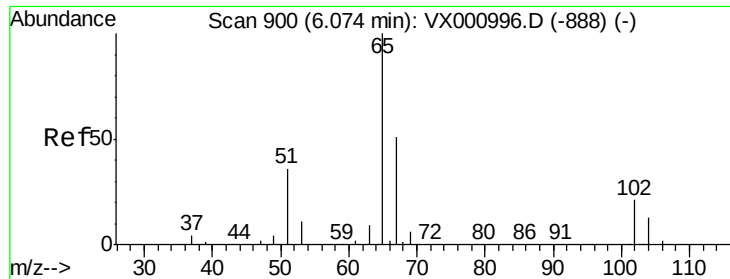
Sohil
4/26/2018 4:06:29 AM



#32
1,1,1-Trichloroethane
Concen: 53.78 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	44.4	34.4	51.6





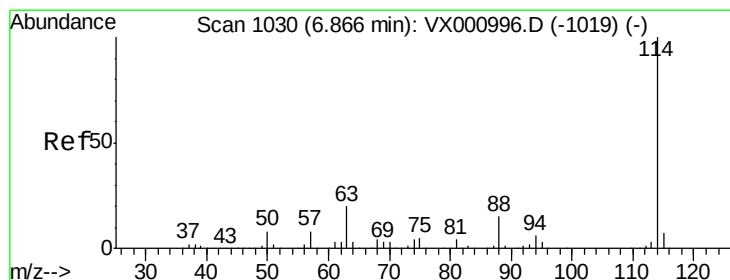
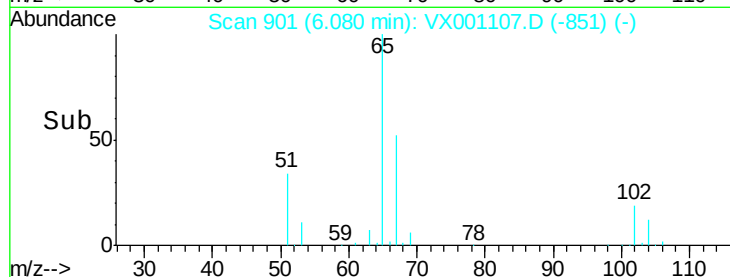
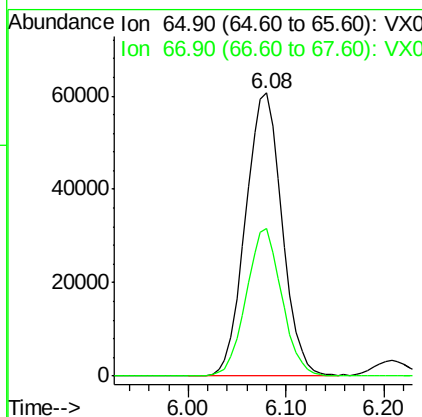
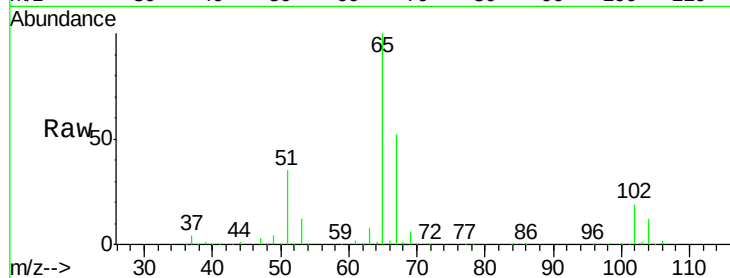
#33
 1,2-Dichloroethane-d4
 Concen: 51.68 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158193		
67	50.7	0.0	102.6	

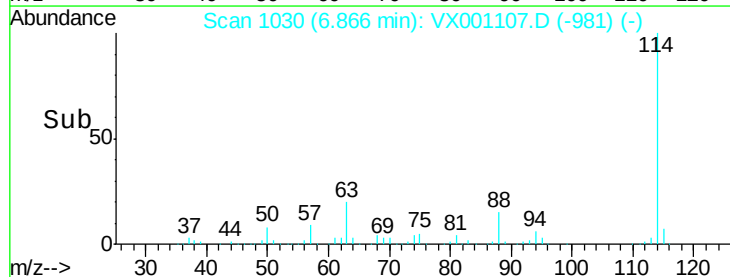
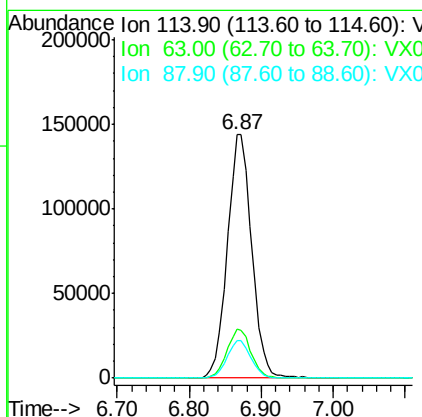
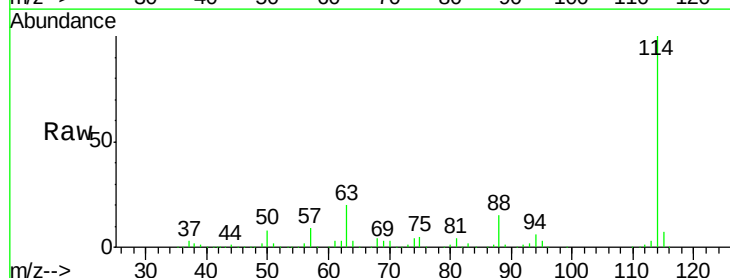
Manual Integrations
 APPROVED

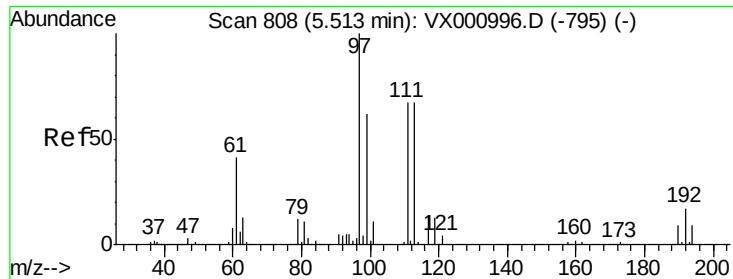
Sohil
 4/26/2018 4:06:29 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	338943		
63	20.1	0.0	39.4	
88	15.2	0.0	29.8	





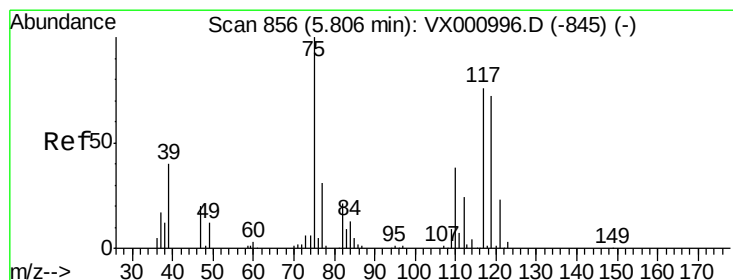
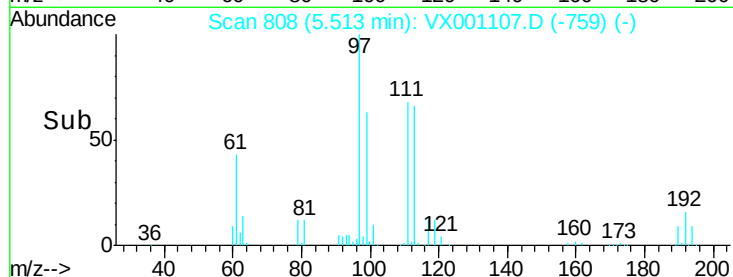
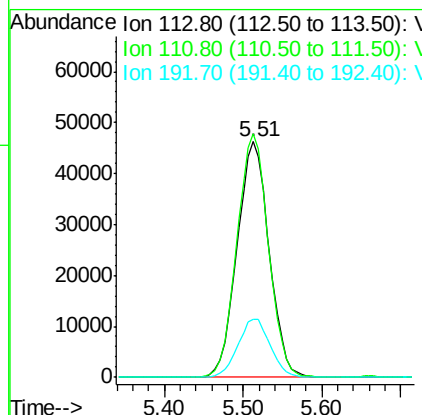
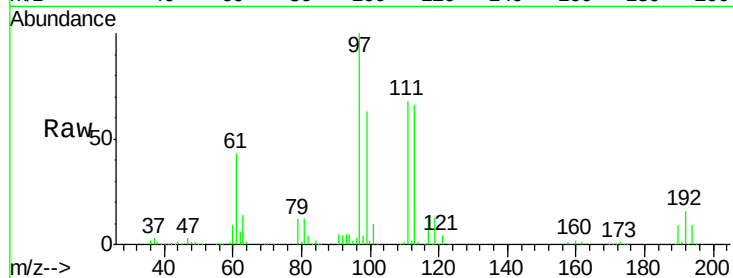
#35
 Dibromofluoromethane
 Concen: 50.33 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130088		
111	102.2	81.4	122.2	
192	25.1	20.4	30.6	

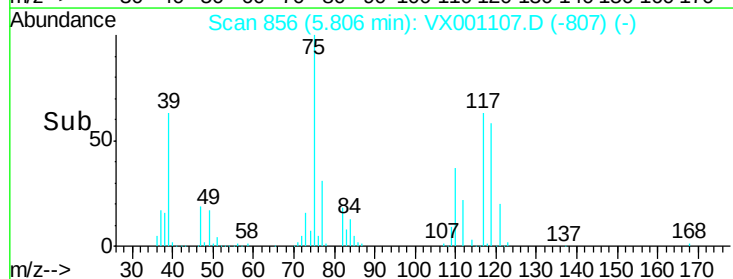
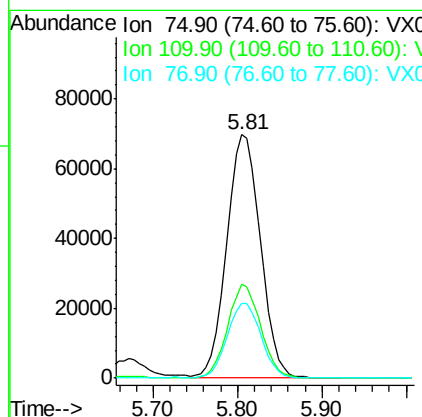
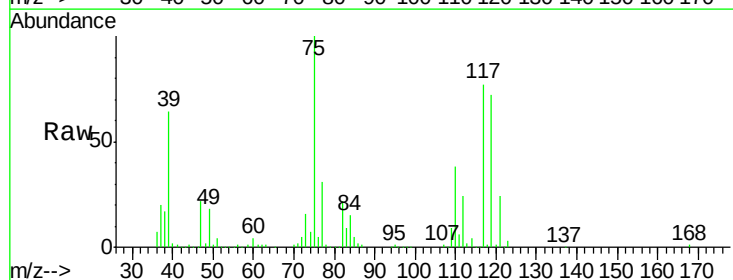
Manual Integrations
 APPROVED

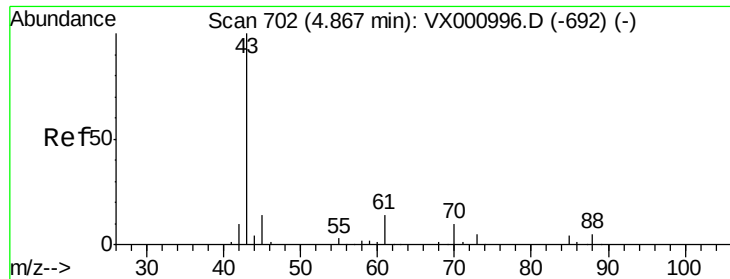
Sohil
 4/26/2018 4:06:29 AM



#36
 1,1-Dichloropropene
 Concen: 47.51 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	189227		
110	37.6	18.7	56.1	
77	30.9	25.0	37.4	





#37

Ethyl Acetate

Concen: 54.31 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

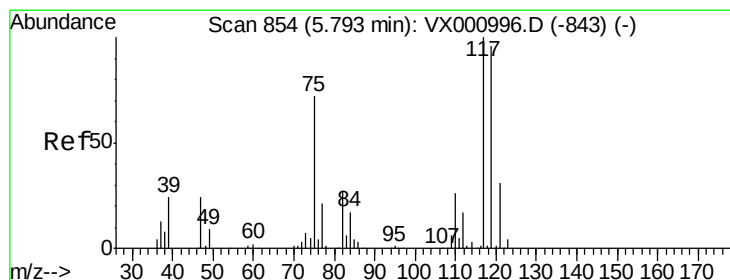
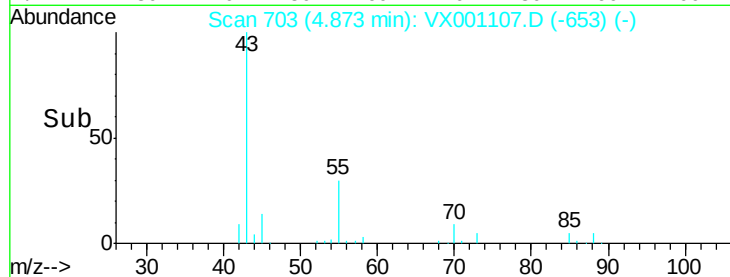
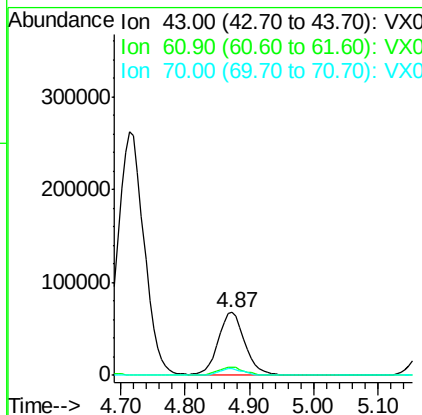
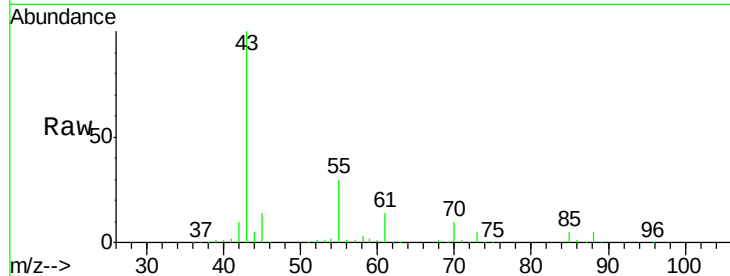
ClientSampleId :

LF001MW001-180418MS

Tot Ion:	43	Resp:	198438
Ion Ratio		Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	10.1	8.3	12.5

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:29 AM



#38

Carbon Tetrachloride

Concen: 50.79 ug/l

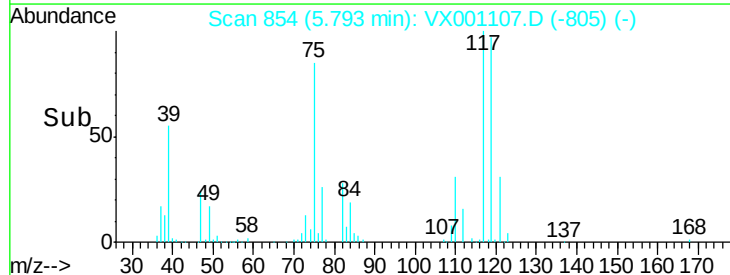
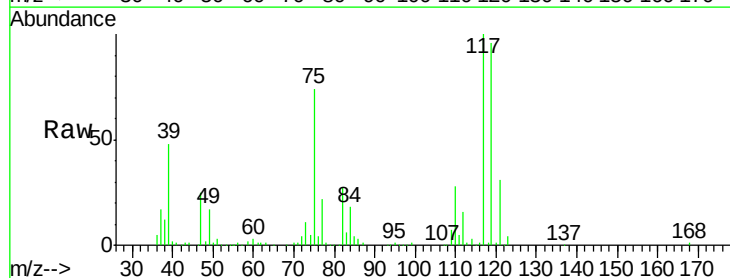
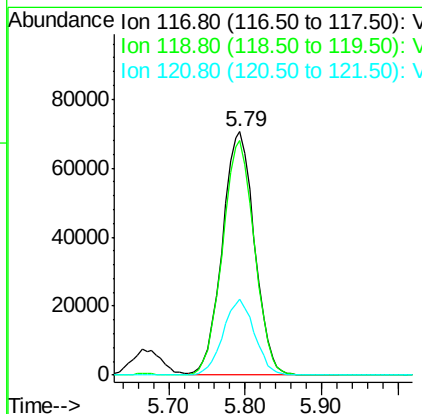
RT: 5.79 min Scan# 854

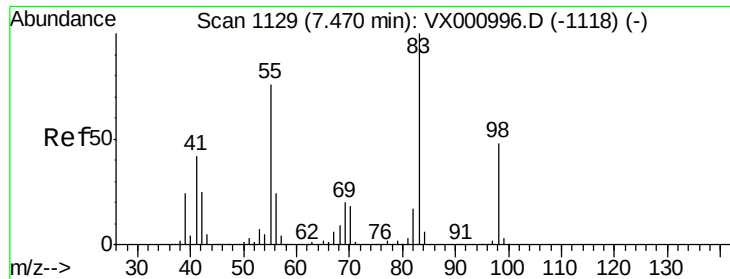
Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion:	117	Resp:	204824
Ion Ratio		Lower	Upper
117	100		
119	96.2	76.5	114.7
121	31.2	24.5	36.7





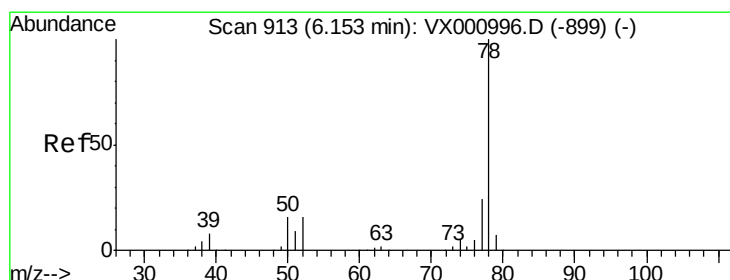
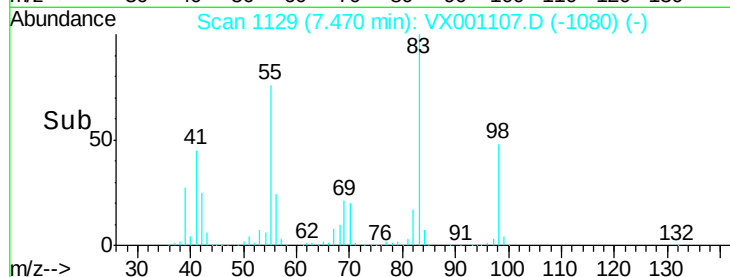
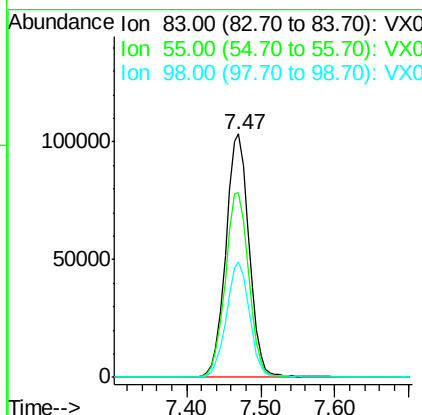
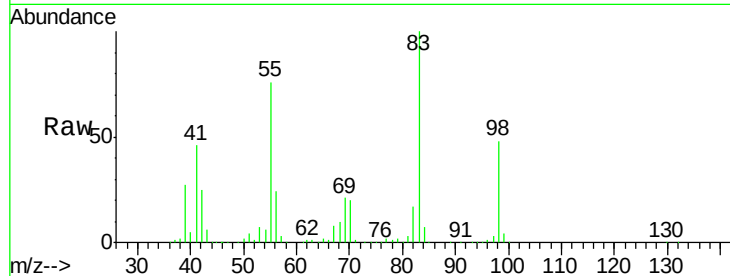
#39
Methylvlcyclohexane
Concen: 48.69 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.7	60.6	91.0	
98	47.7	38.2	57.4	

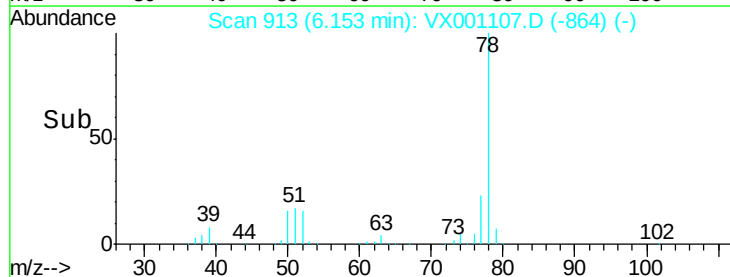
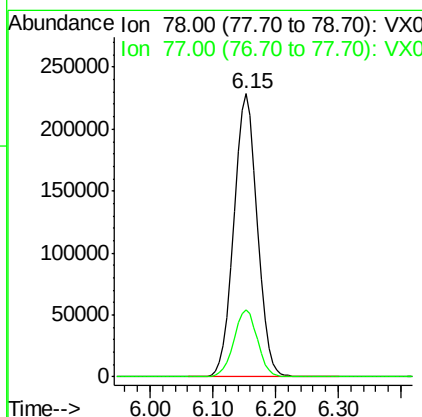
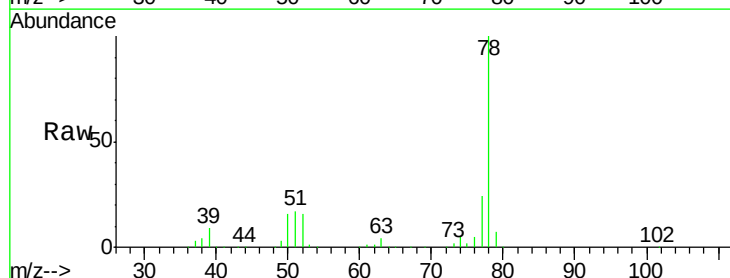
Manual Integrations
APPROVED

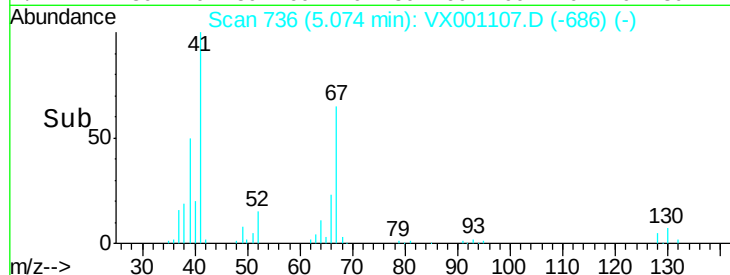
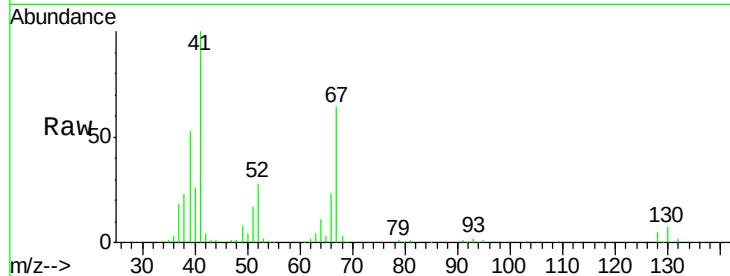
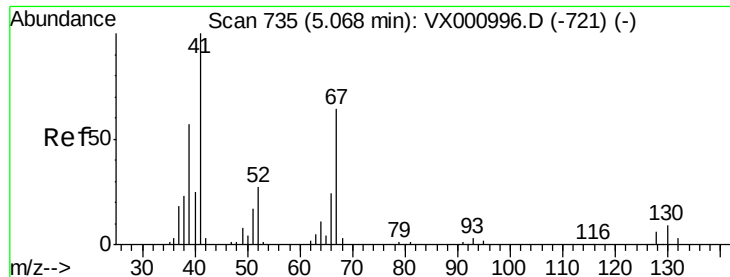
Sohil
4/26/2018 4:06:29 AM



#40
Benzene
Concen: 53.31 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

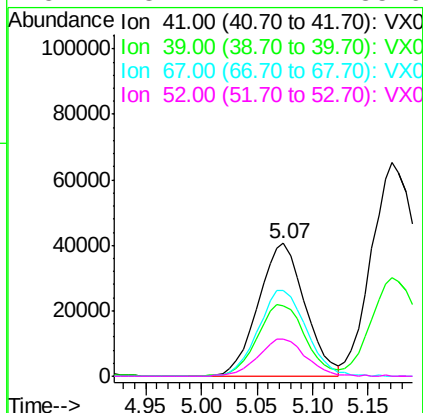
Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	18.9	28.3	





#41
Methacrylonitrile
Concen: 51.59 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

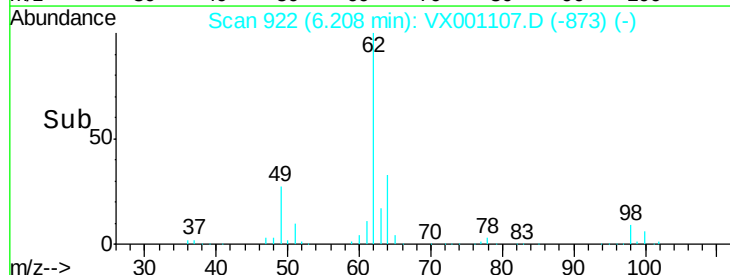
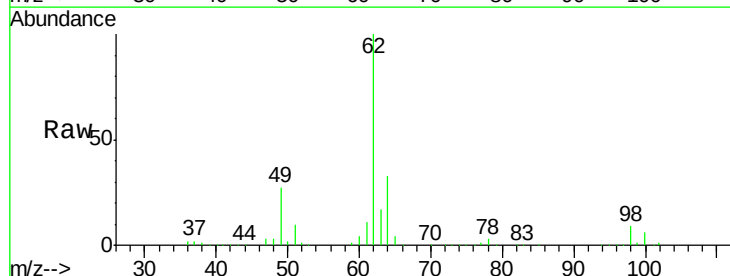
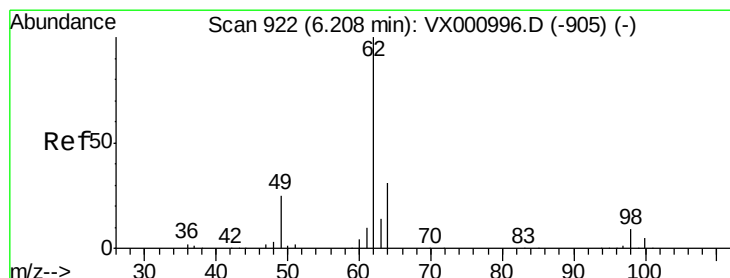
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	45.2	67.8	
67	67.2	53.8	80.8	
52	28.4	22.4	33.6	



Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

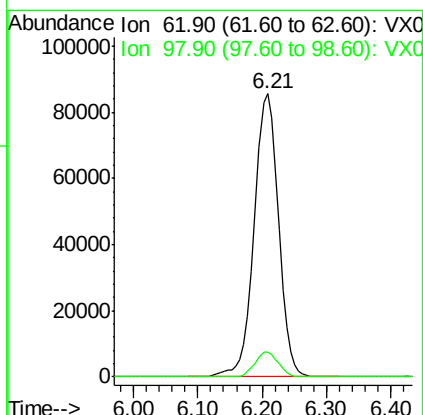
Manual Integrations
APPROVED

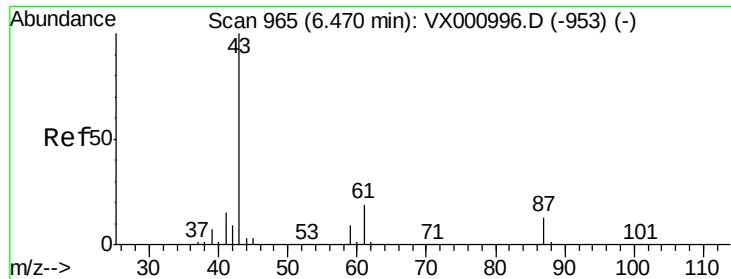
Sohil
4/26/2018 4:06:29 AM



#42
1,2-Dichloroethane
Concen: 52.23 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	17.6	





#43

Isopropyl Acetate

Concen: 53.41 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

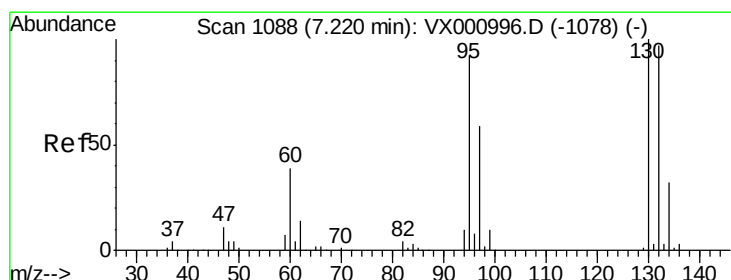
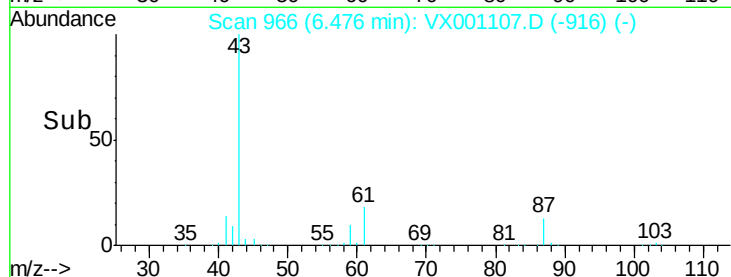
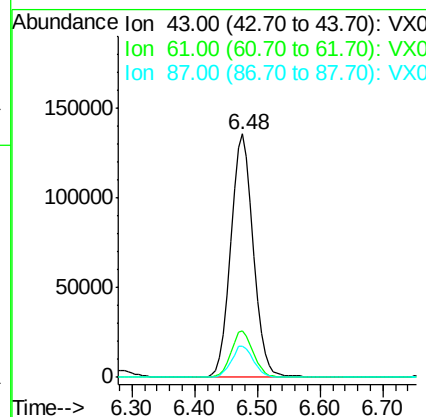
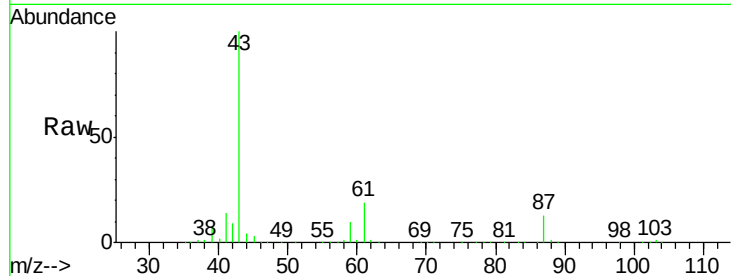
ClientSampleId :

LF001MW001-180418MS

Tot Ion:	43	Resp:	334788
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.2
87	12.7	10.6	15.8

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#44

Trichloroethene

Concen: 48.86 ug/l

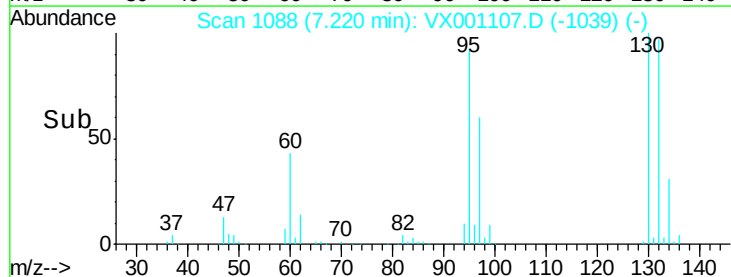
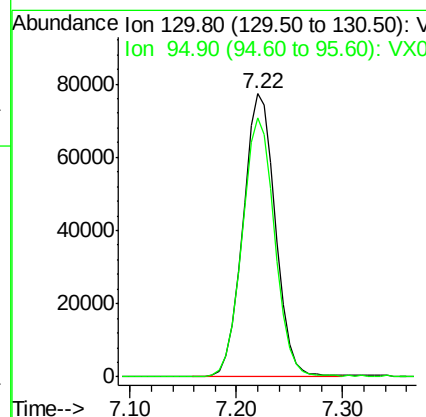
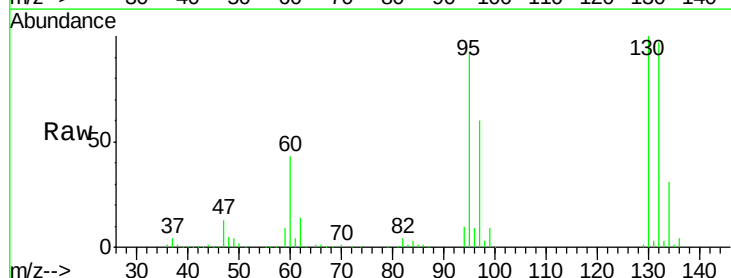
RT: 7.22 min Scan# 1088

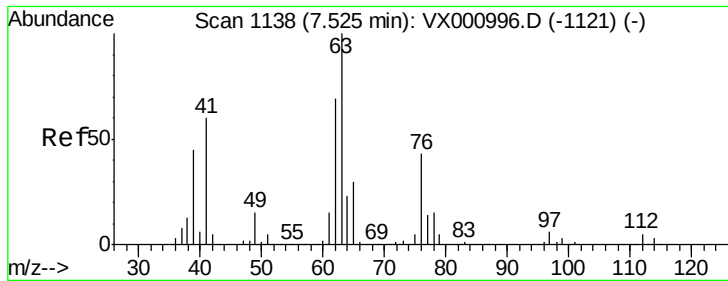
Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion:	130	Resp:	165297
Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	184.2





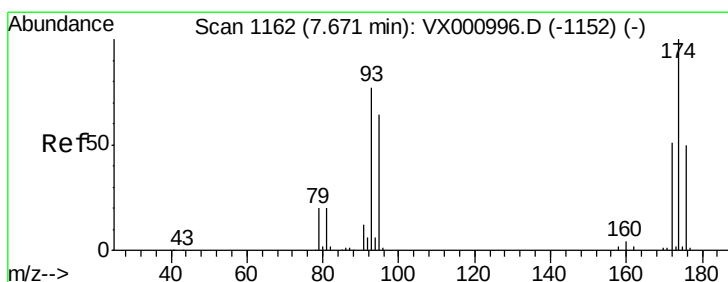
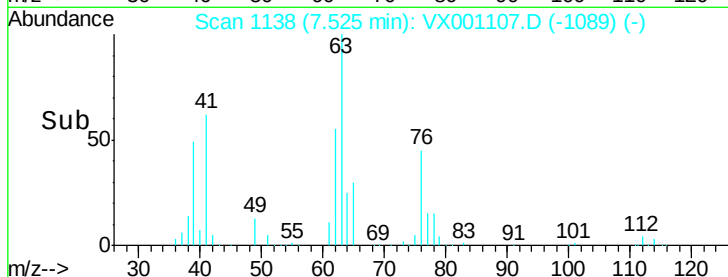
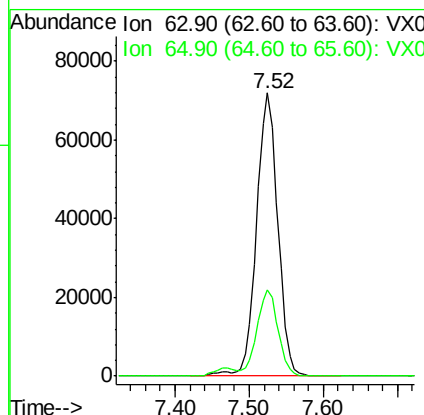
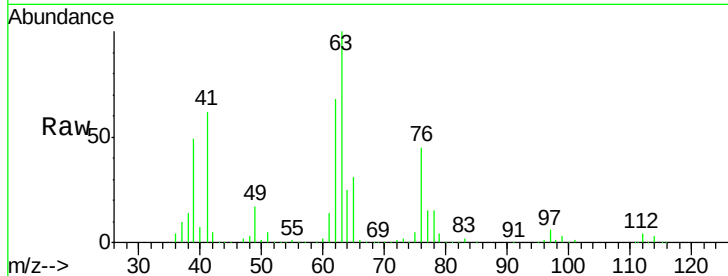
#45
 1,2-Dichloropropane
 Concen: 52.04 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tot Ion	63	Resp	144915
Ion Ratio	Lower	Upper	
63	100		
65	30.6	24.4	36.6

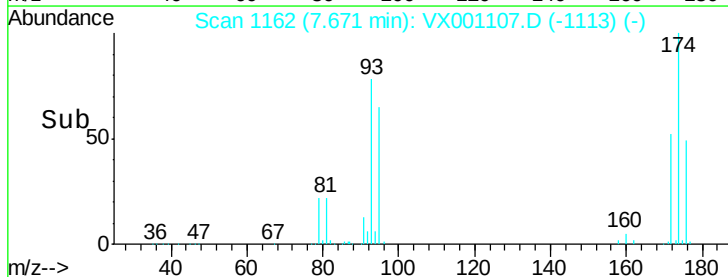
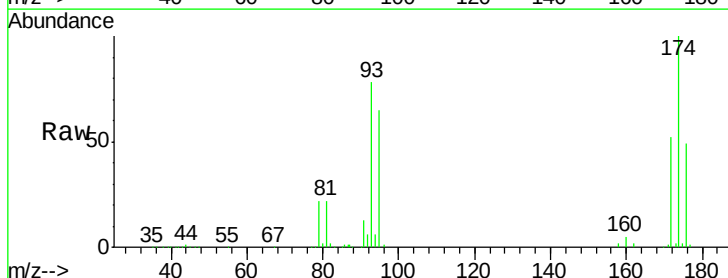
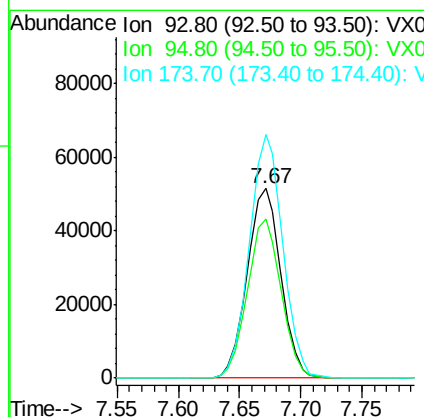
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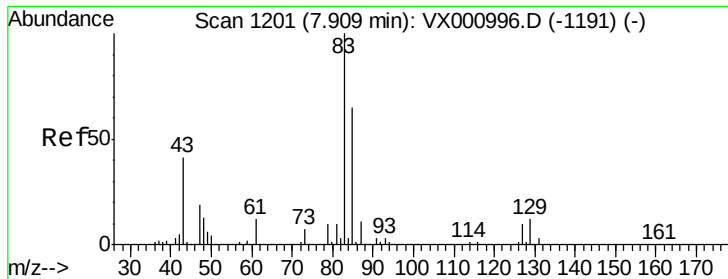
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#46
 Dibromomethane
 Concen: 50.93 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion	93	Resp	99076
Ion Ratio	Lower	Upper	
93	100		
95	84.1	66.7	100.1
174	127.4	101.8	152.6





#47

Bromodichloromethane

Concen: 52.96 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

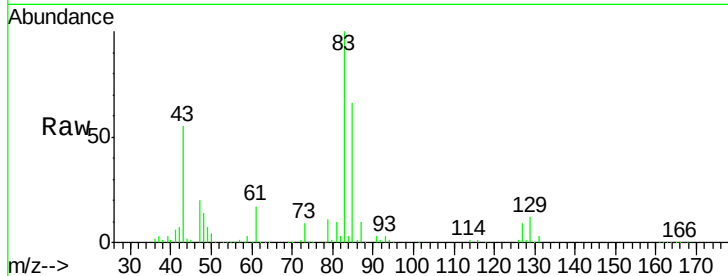
ClientSampleId :

LF001MW001-180418MS

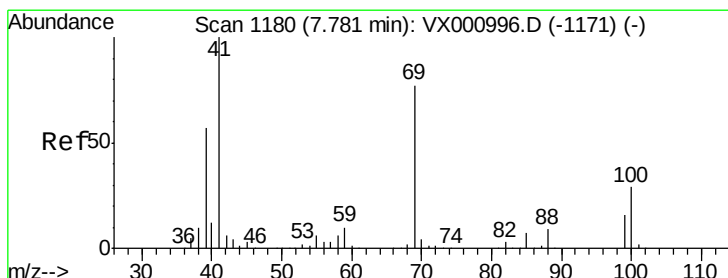
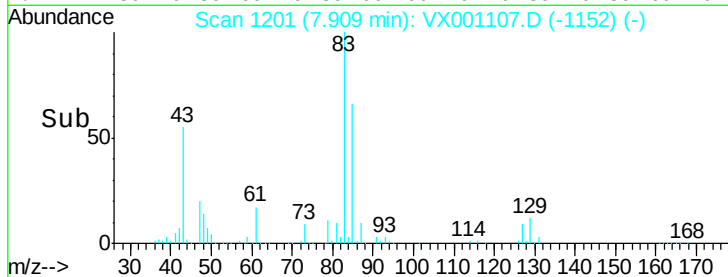
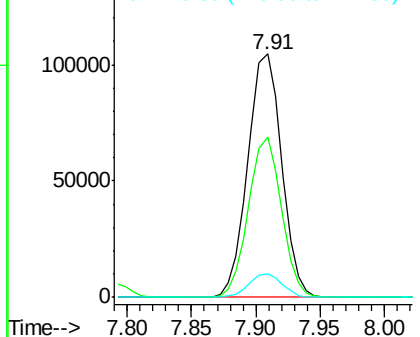
Tot Ion:	83	Resp:	190877
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.3	78.5
127	9.5	7.8	11.6

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.65 ug/l

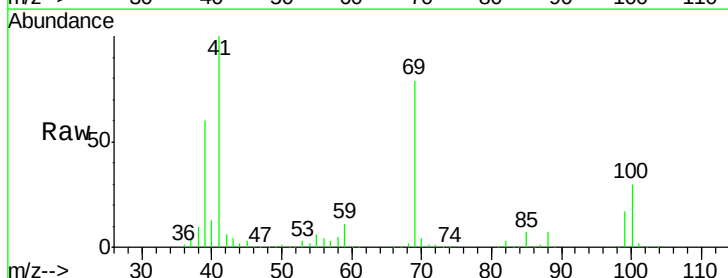
RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

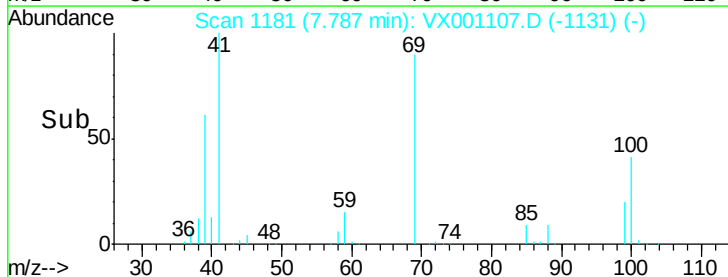
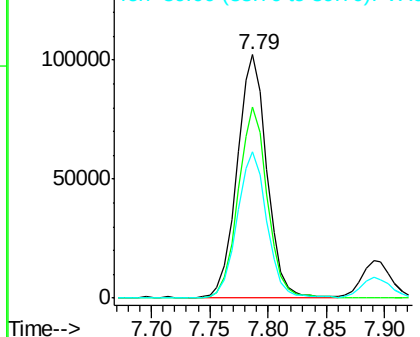
Lab File: VX001107.D

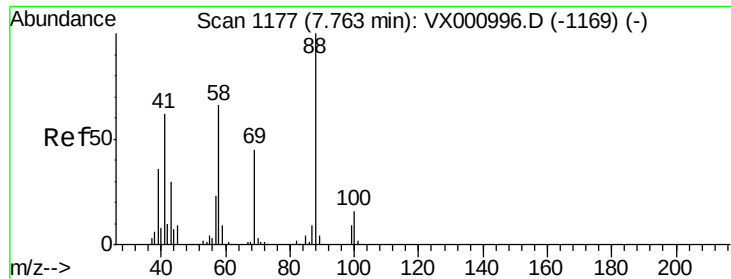
Acq: 25 Apr 2018 05:07

Tgt Ion:	41	Resp:	181090
Ion	Ratio	Lower	Upper
41	100		
69	77.9	62.6	94.0
39	60.3	45.3	67.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





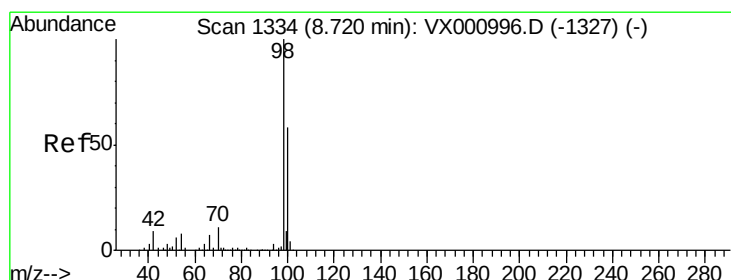
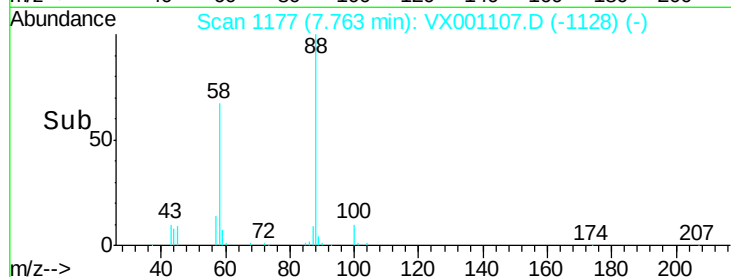
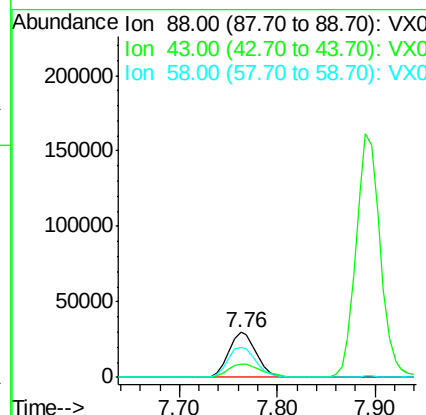
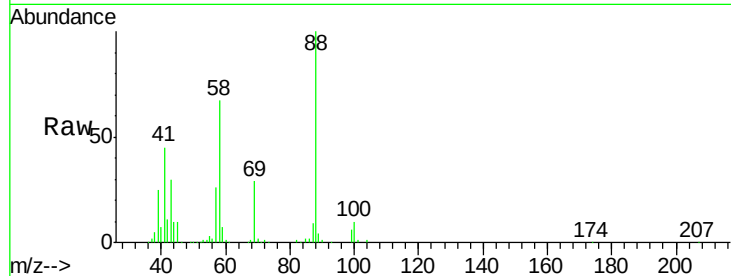
#49
1,4-Dioxane
Concen: 1176.22 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tot Ion	88	Resp	58379
Ion	Ratio	Lower	Upper
88	100		
43	35.6	29.2	43.8
58	69.9	55.0	82.6

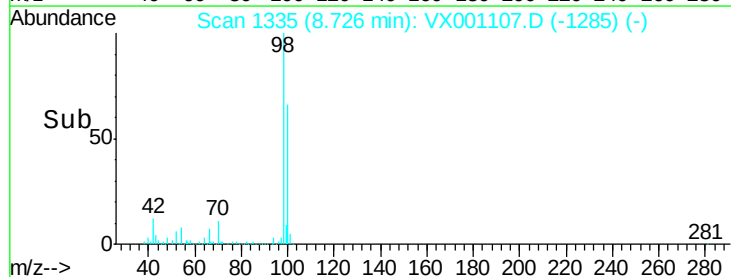
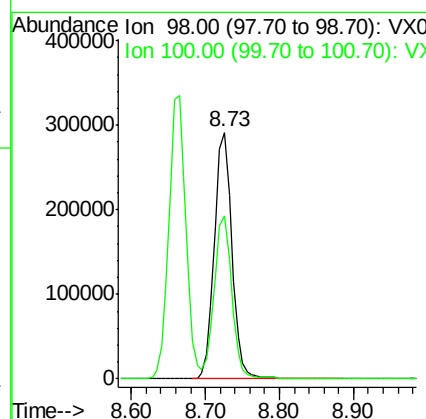
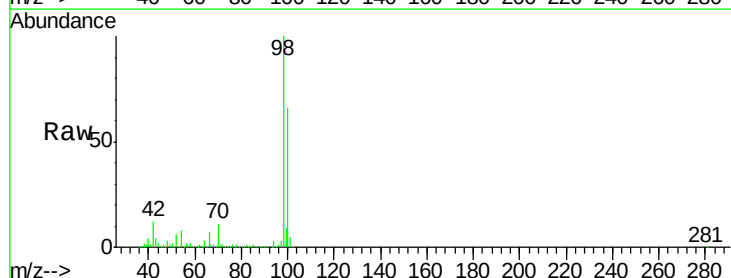
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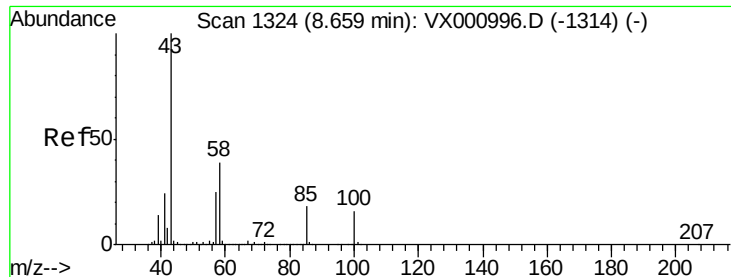
Sohil
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#50
Toluene-d8
Concen: 49.53 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion	98	Resp	473316
Ion	Ratio	Lower	Upper
98	100		
100	66.4	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 928.05 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion: 43 Resp: 3532084

Ion Ratio Lower Upper

43 100

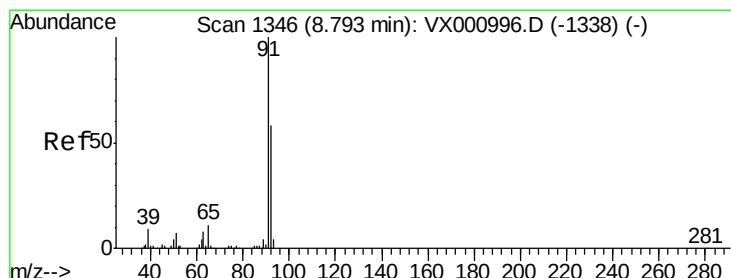
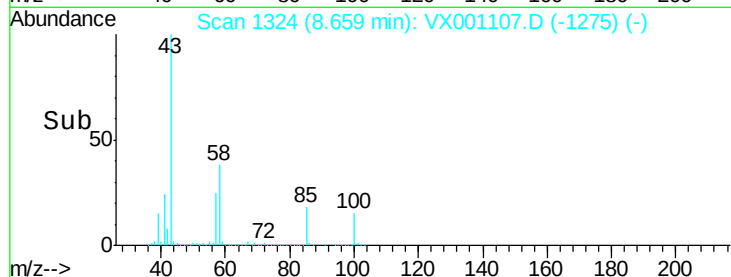
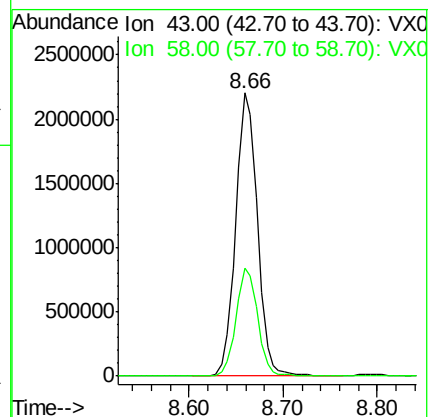
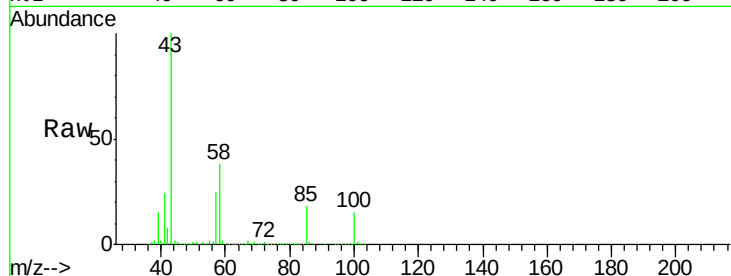
58 38.1 30.2 45.4

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#52

Toluene

Concen: 286.29 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001107.D

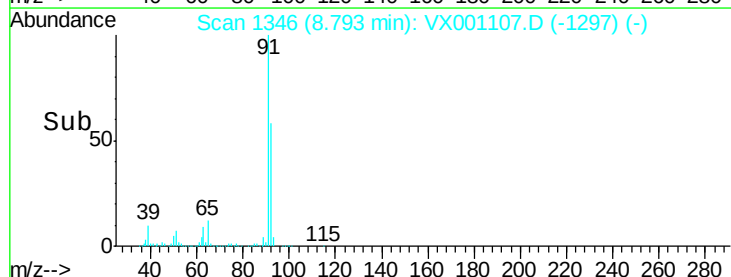
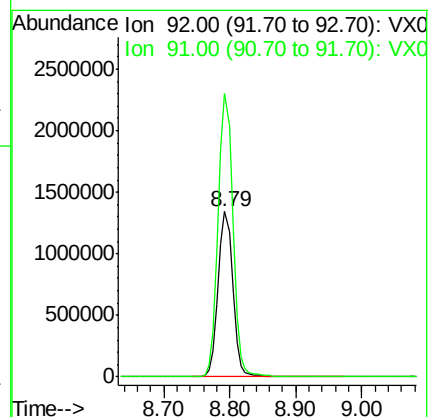
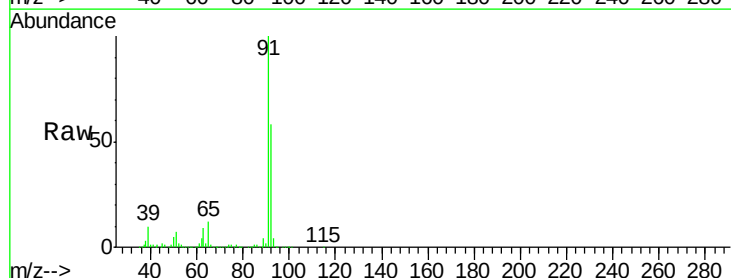
Acq: 25 Apr 2018 05:07

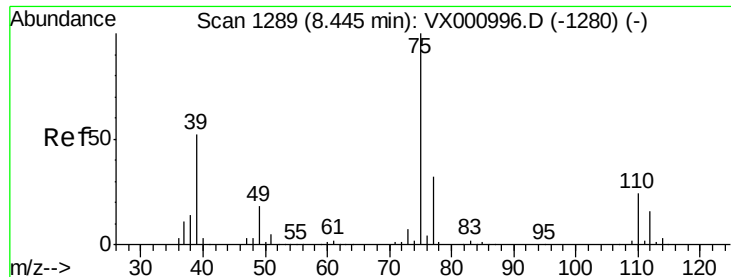
Tgt Ion: 92 Resp: 2069146

Ion Ratio Lower Upper

92 100

91 172.3 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 45.03 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion: 75 Resp: 194102

Ion Ratio Lower Upper

75 100

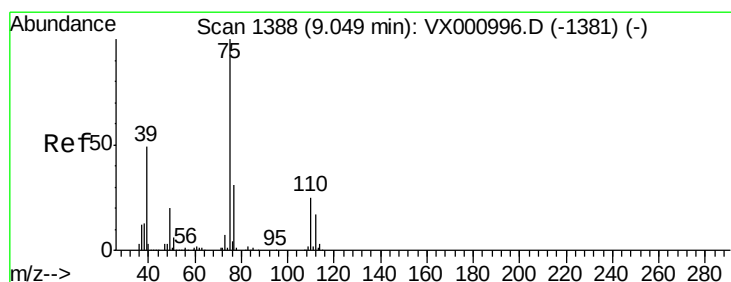
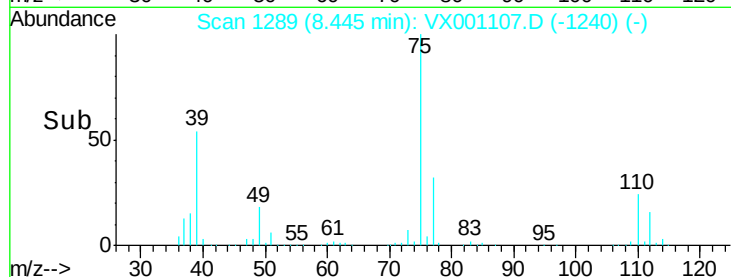
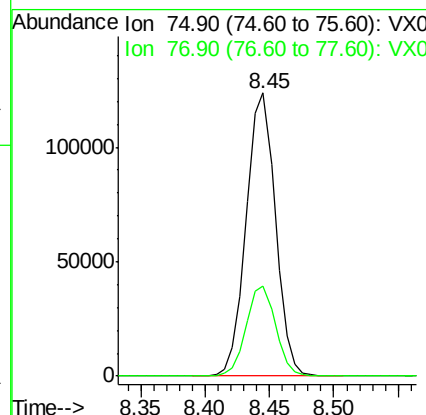
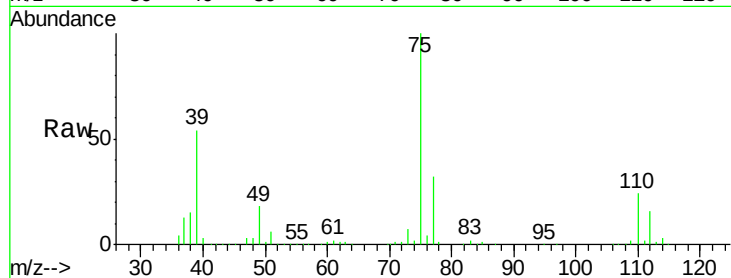
77 31.9 25.8 38.6

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#54

cis-1,3-Dichloropropene

Concen: 45.89 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

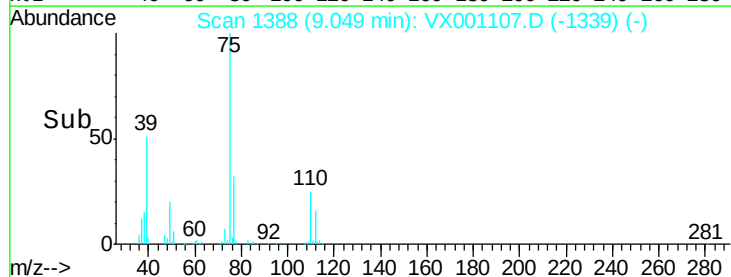
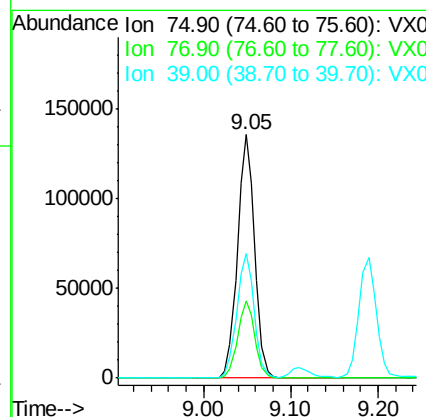
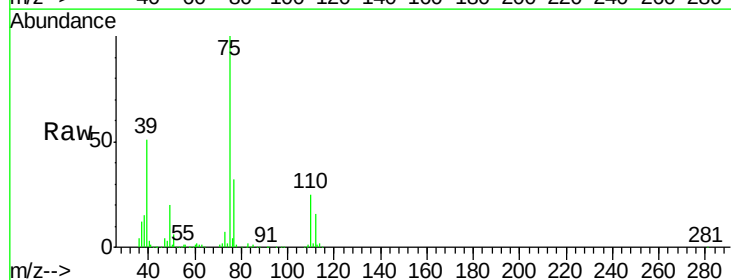
Tgt Ion: 75 Resp: 186523

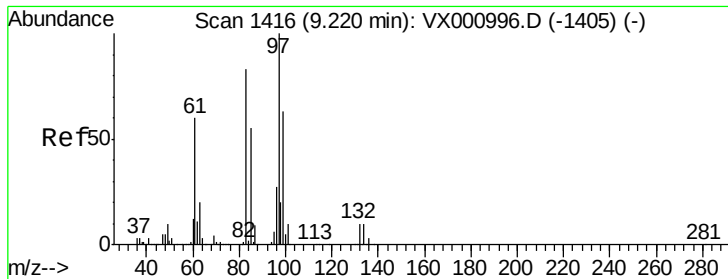
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

39 51.1 39.2 58.8





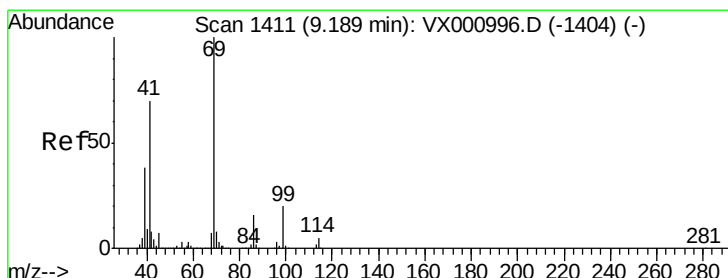
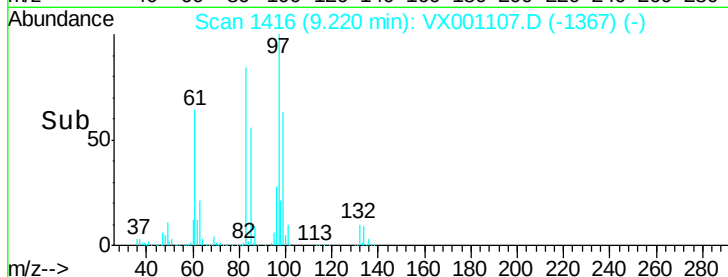
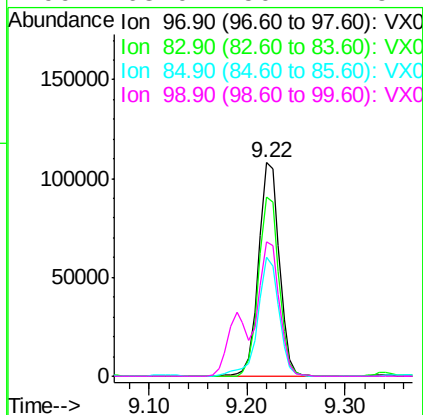
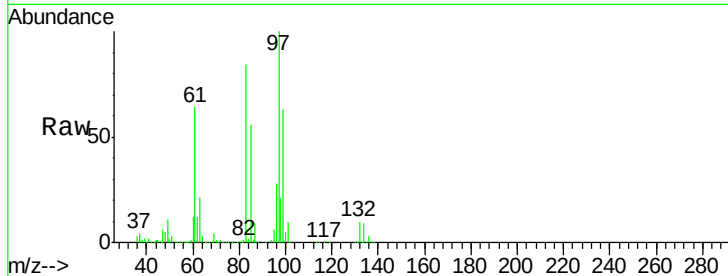
#55
 1,1,2-Trichloroethane
 Concen: 55.78 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tot Ion	Ratio	Resp	Lower	Upper
97	100	160236		
83	84.0	66.2	99.4	
85	55.6	44.2	66.4	
99	63.0	50.2	75.4	

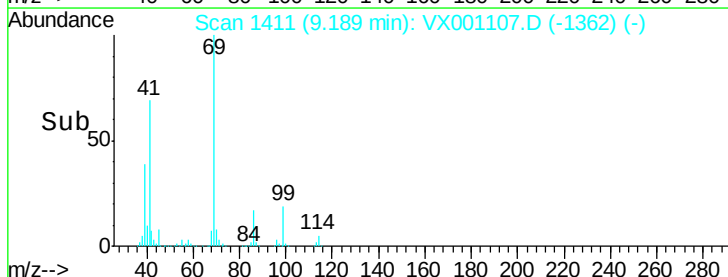
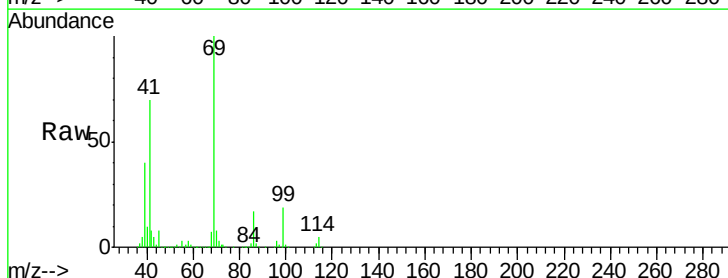
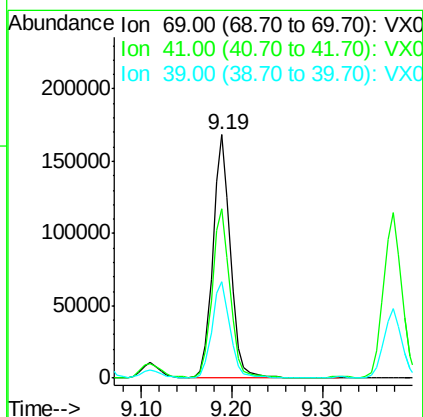
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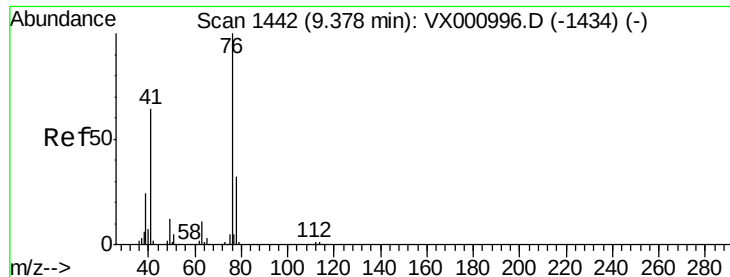
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#56
 Ethyl methacrylate
 Concen: 54.22 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	228771		
41	71.1	56.3	84.5	
39	40.7	30.4	45.6	





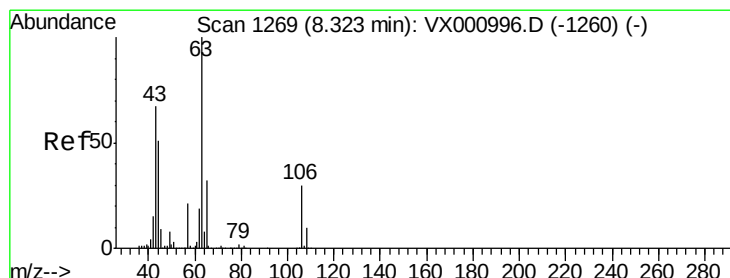
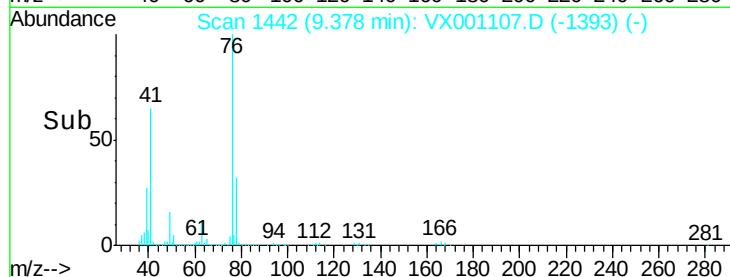
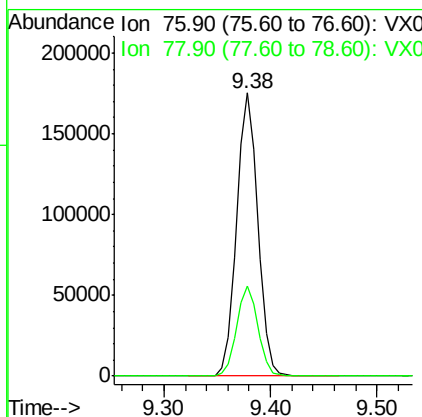
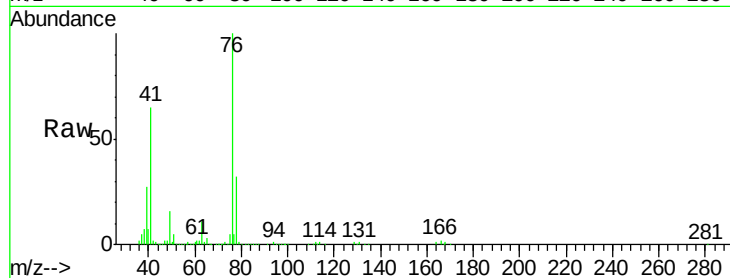
#57
 1,3-Dichloropropane
 Concen: 51.74 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.6

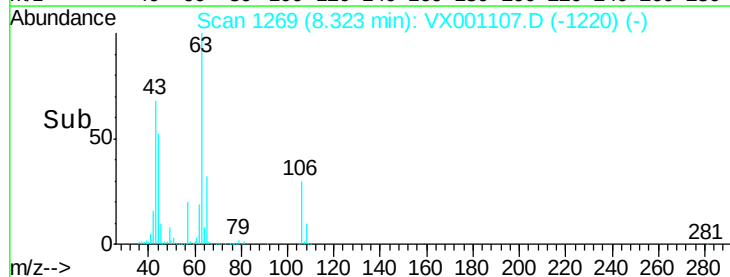
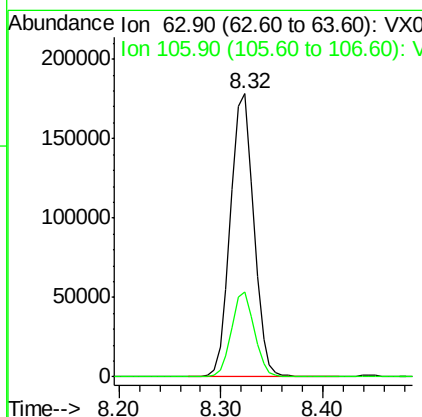
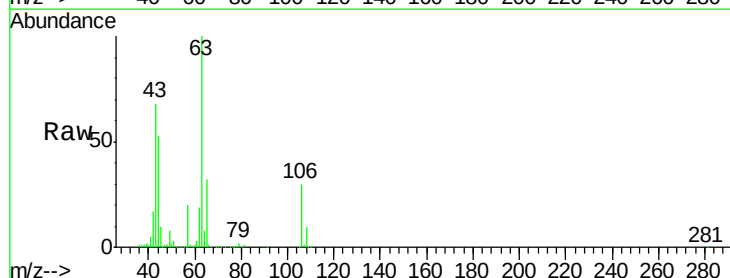
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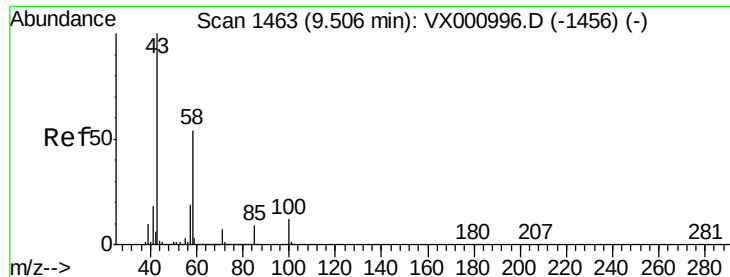
Sohil
 4/26/2018 4:06:29 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 136.21 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.8	35.6





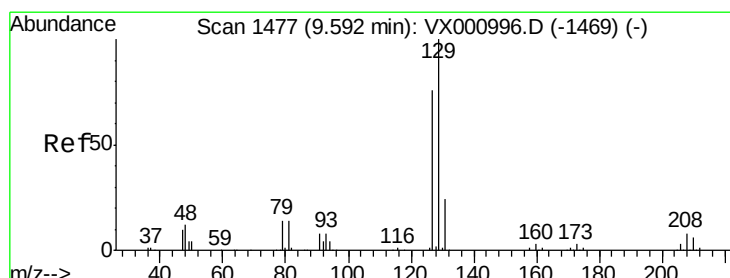
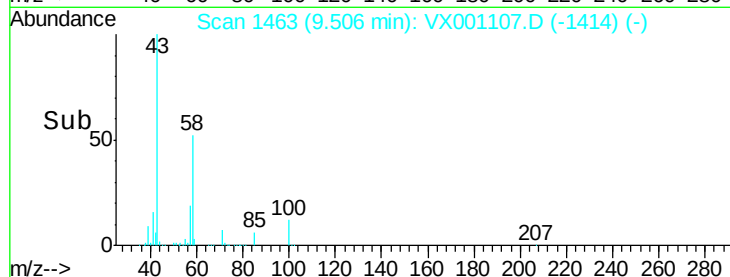
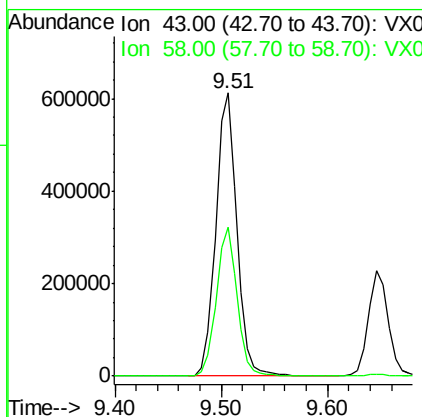
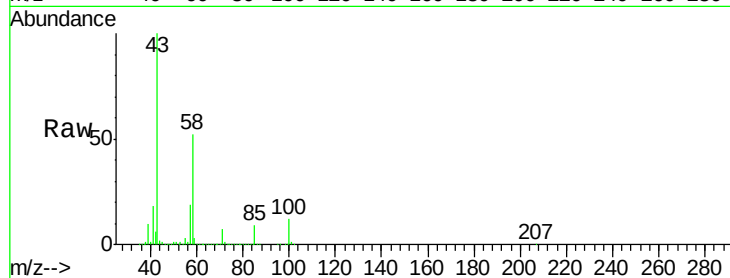
#59
2-Hexanone
Concen: 286.72 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tot Ion: 43 Resp: 835264
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9

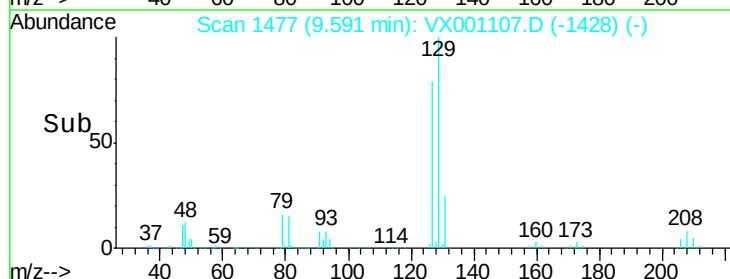
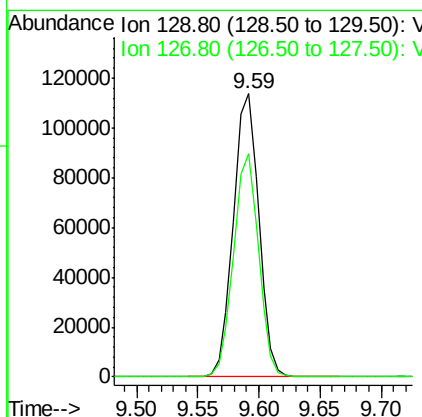
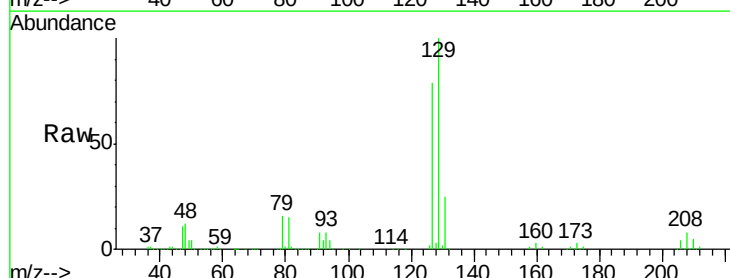
Manual Integrations
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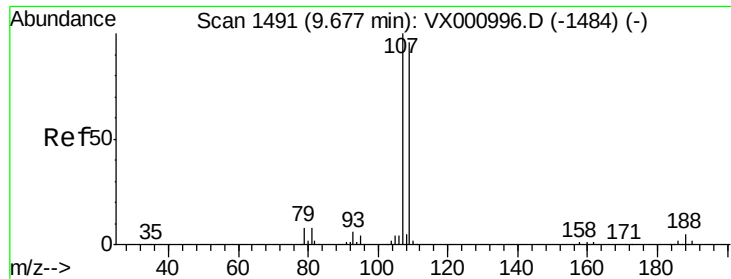
Sohil
4/26/2018 4:06:29 AM



#60
Dibromochloromethane
Concen: 54.15 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion:129 Resp: 163363
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.32 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion:107 Resp: 161636

Ion Ratio Lower Upper

107 100

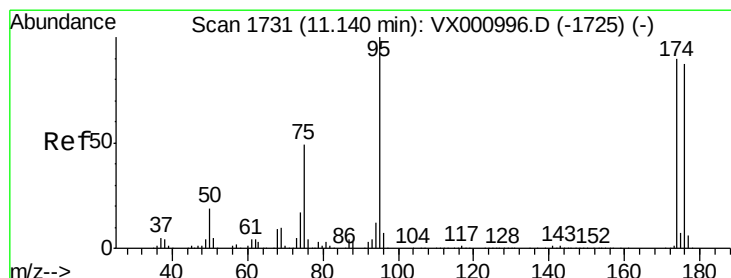
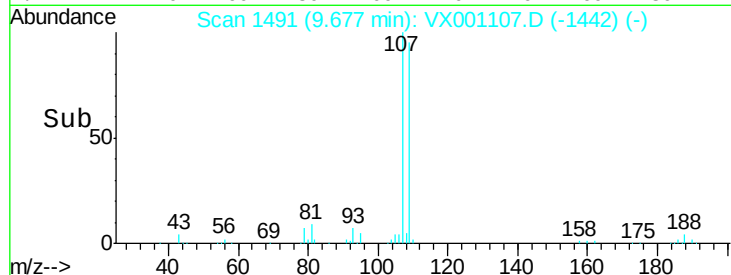
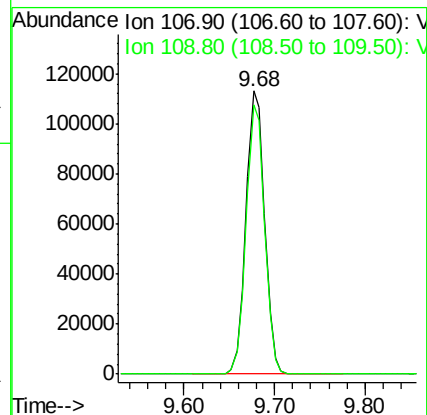
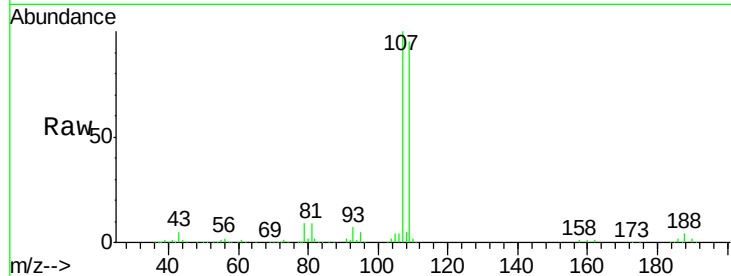
109 94.3 76.0 114.0

Manual Integrations

APPROVED

Sohil

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#62

4-Bromofluorobenzene

Concen: 48.31 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

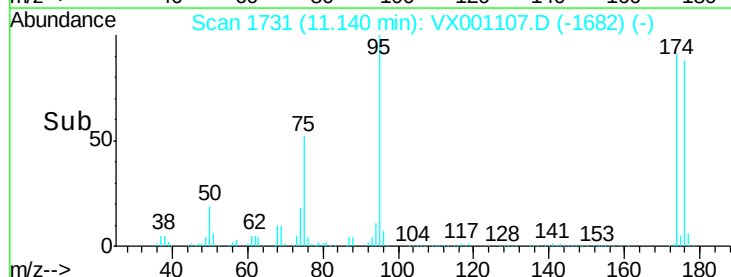
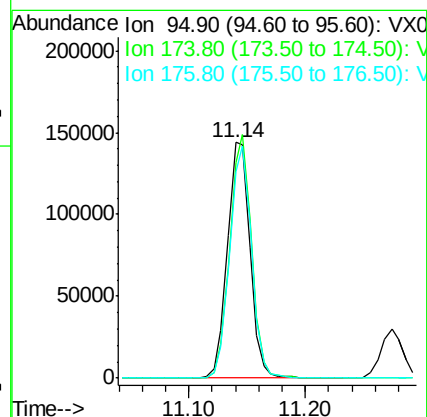
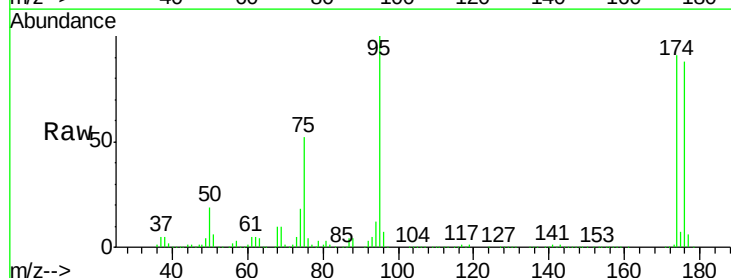
Tgt Ion: 95 Resp: 193764

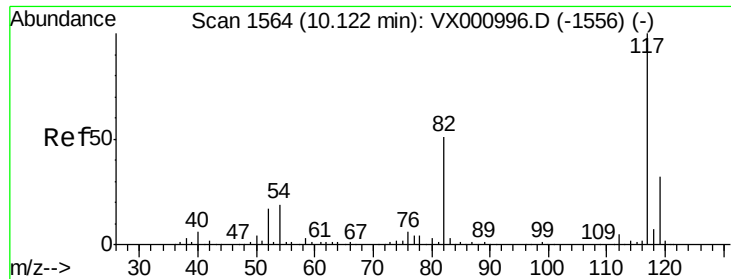
Ion Ratio Lower Upper

95 100

174 98.9 0.0 198.4

176 95.3 0.0 192.0





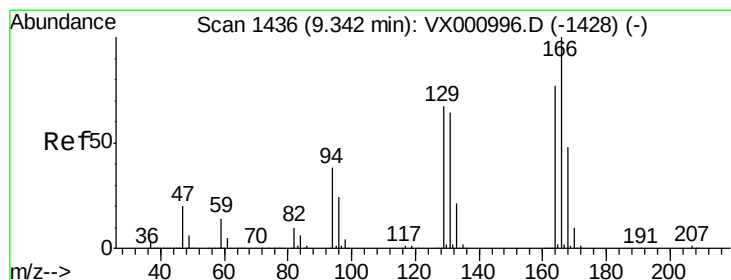
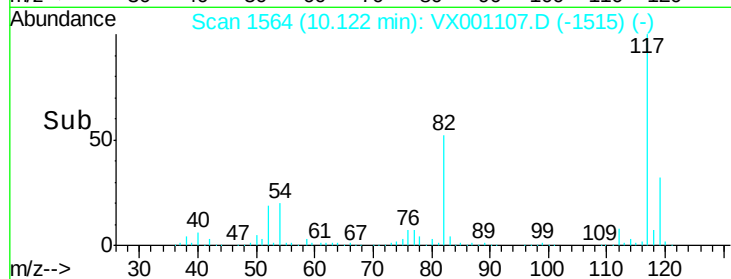
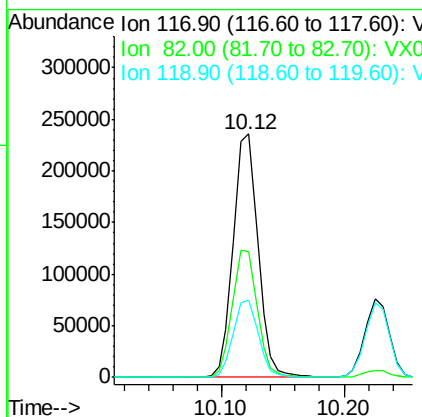
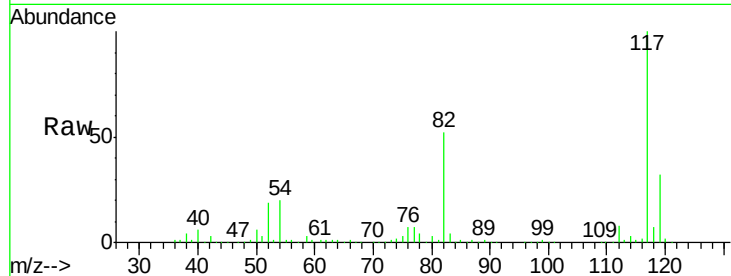
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	40.6	60.8
119	31.9	26.0	39.0

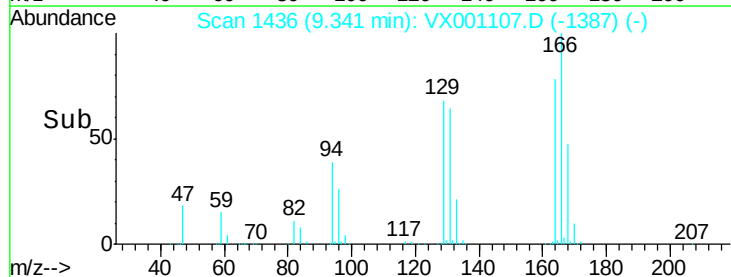
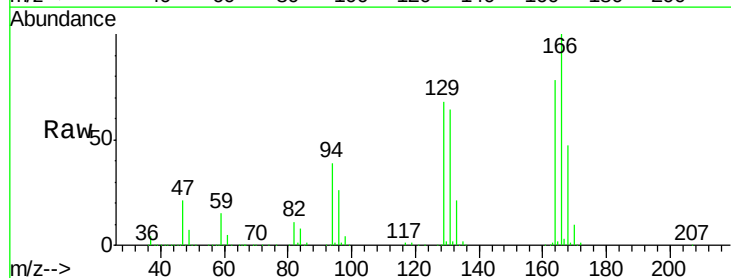
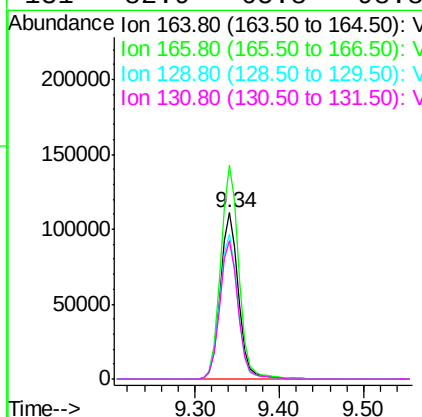
Manual Integrations
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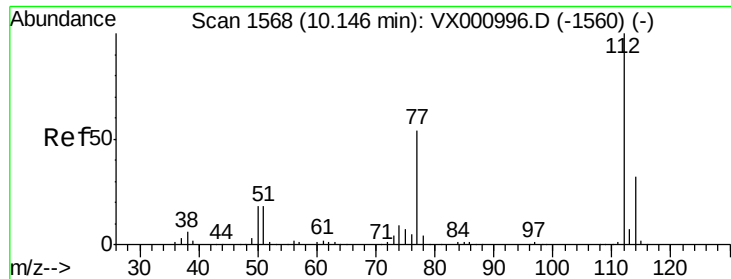
Sohil
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#64
Tetrachloroethene
Concen: 47.19 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	103.5	155.3
129	87.4	69.6	104.4
131	82.9	65.8	98.8





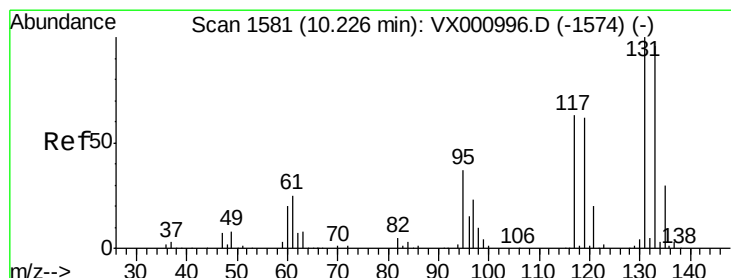
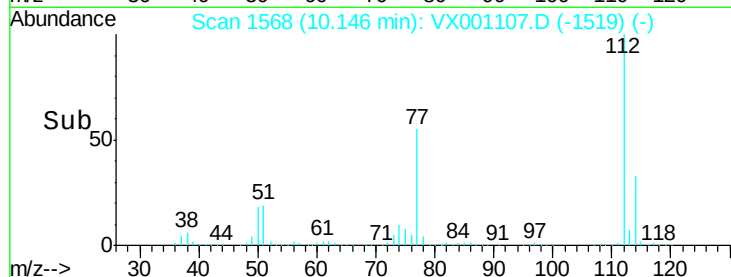
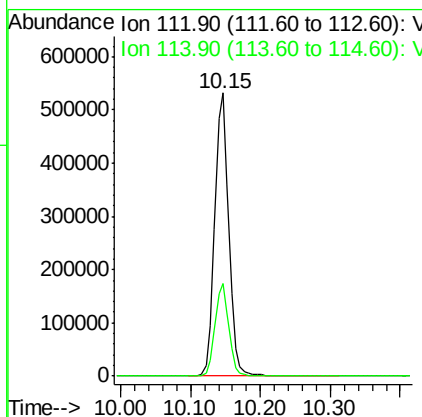
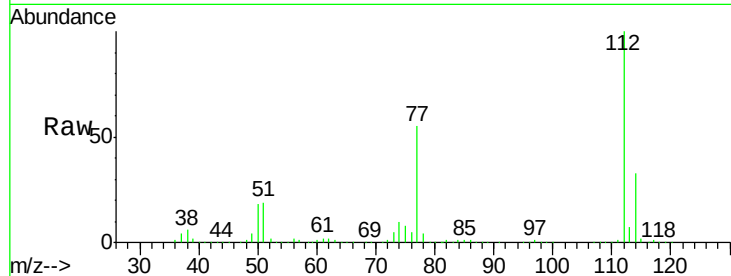
#65
Chlorobenzene
Concen: 83.89 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tot Ion:112 Resp: 739299
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3

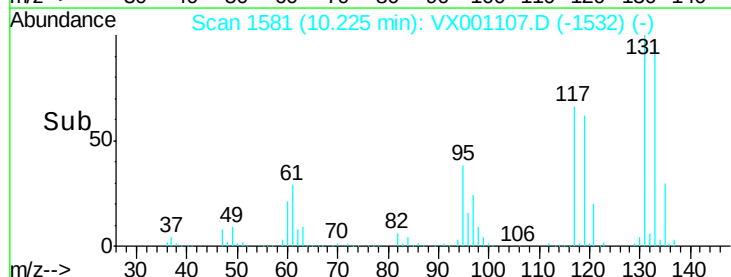
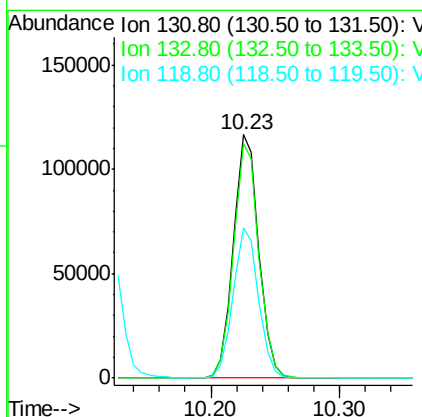
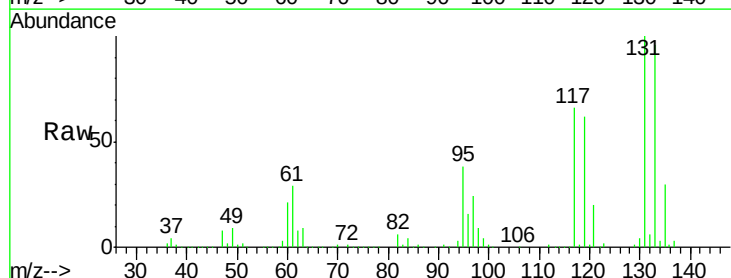
Manual Integrations
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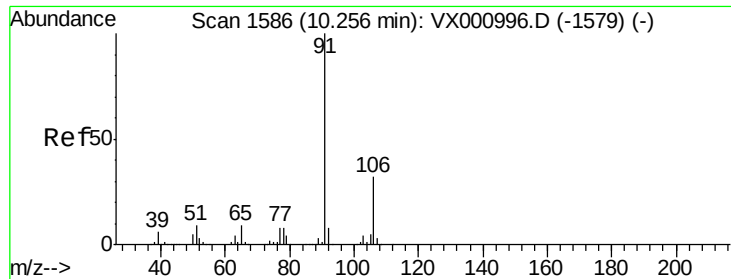
Sohil
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.90 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion:131 Resp: 160024
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.8
119 62.1 31.1 93.2





#67

Ethyl Benzene

Concen: 70.09 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion: 91 Resp: 1025812

Ion Ratio Lower Upper

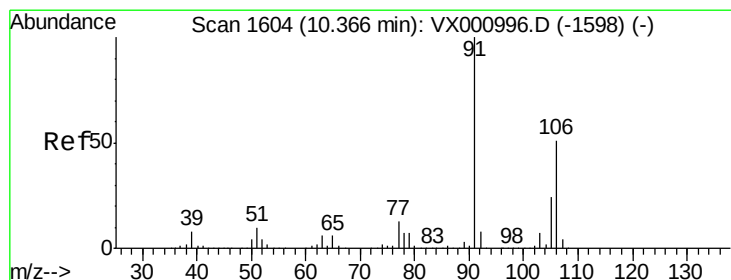
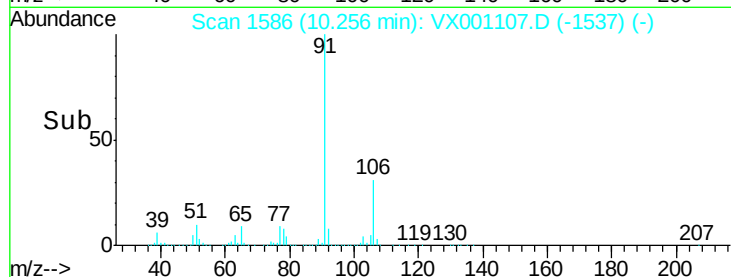
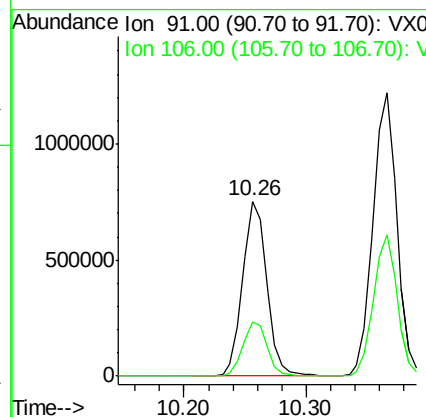
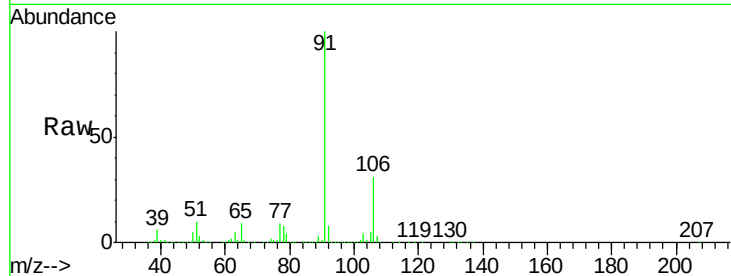
91 100

106 31.4 25.7 38.5

Manual Integrations
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#68

m/p-Xylenes

Concen: 143.65 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001107.D

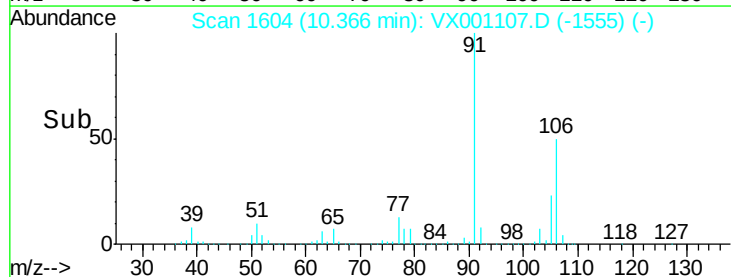
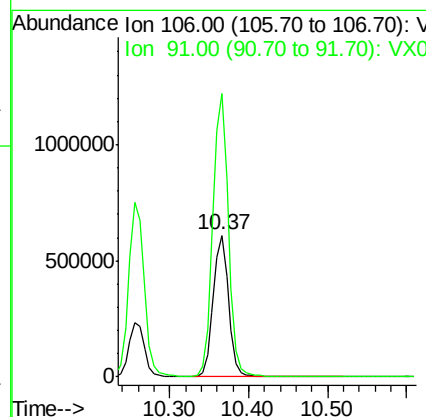
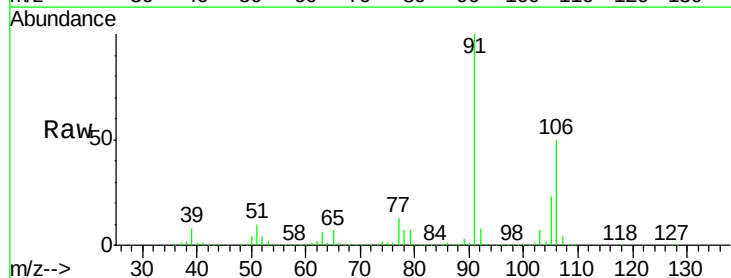
Acq: 25 Apr 2018 05:07

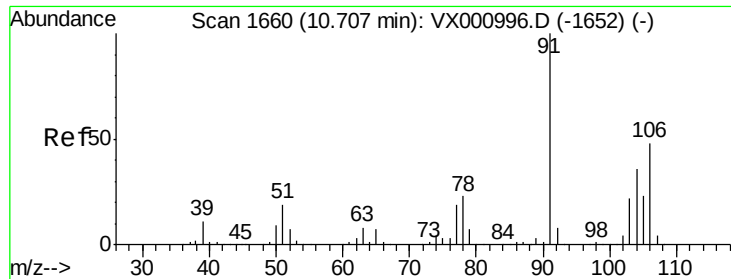
Tgt Ion: 106 Resp: 828567

Ion Ratio Lower Upper

106 100

91 201.8 159.3 238.9





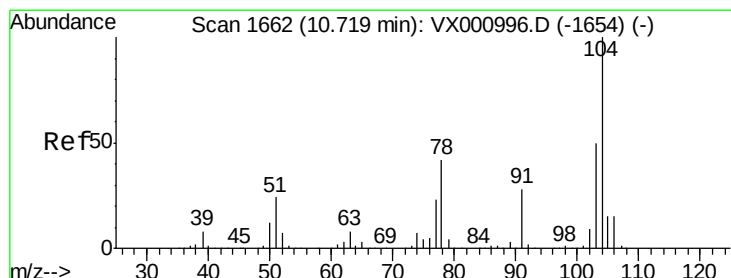
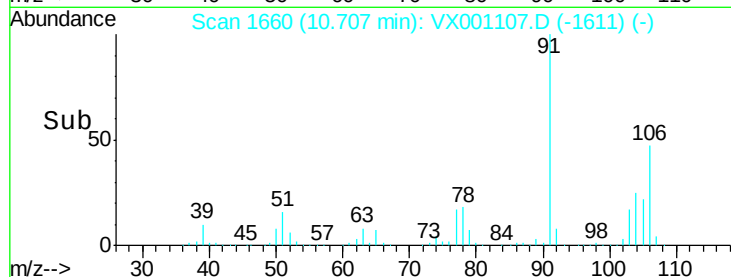
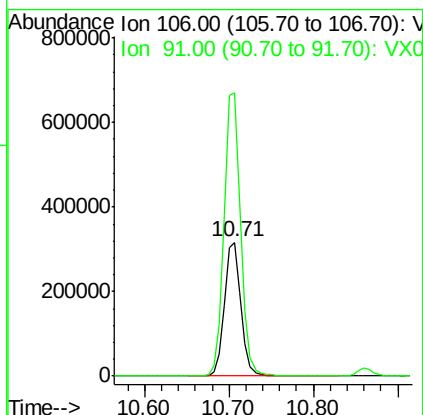
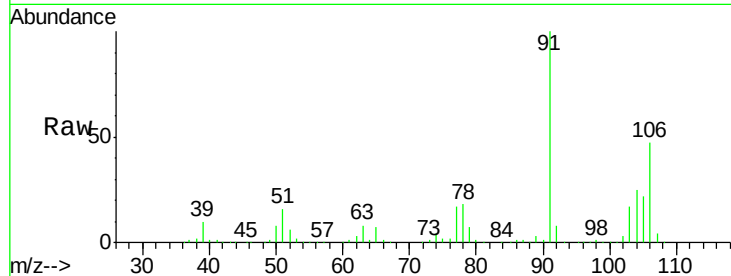
#69
o-Xylene
Concen: 77.05 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tot Ion:106 Resp: 428466
Ion Ratio Lower Upper
106 100
91 214.6 105.1 315.1

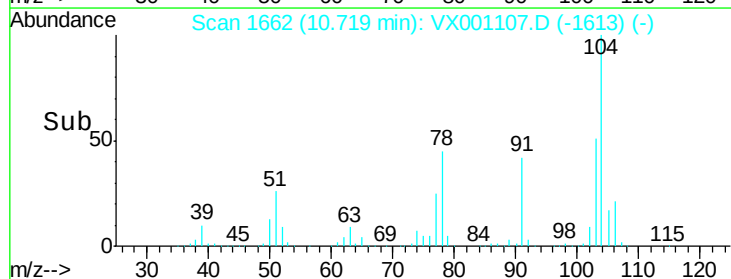
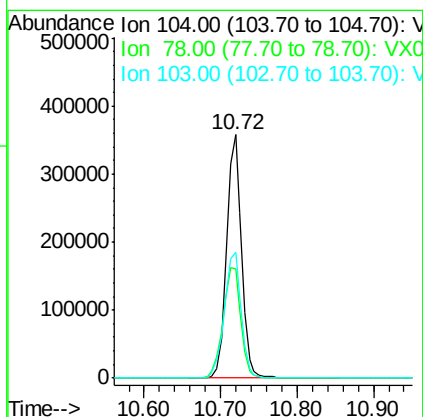
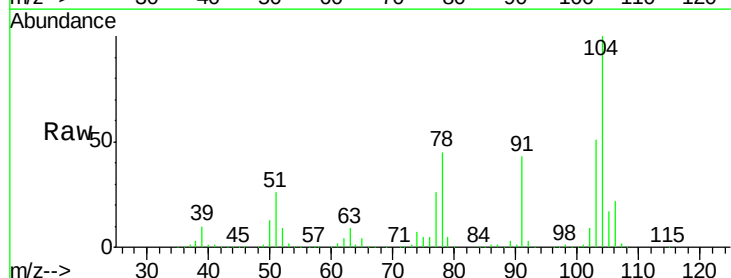
Manual Integrations
APPROVED

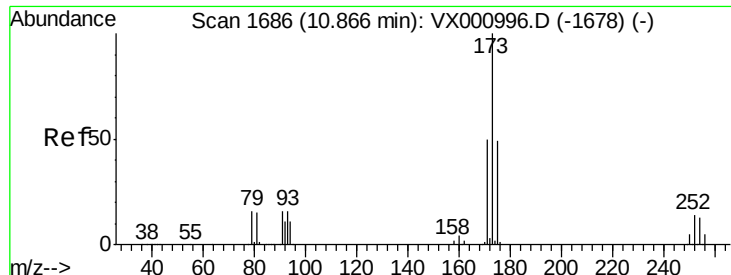
Sohil
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#70
Styrene
Concen: 52.43 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion:104 Resp: 480135
Ion Ratio Lower Upper
104 100
78 54.2 39.4 59.2
103 59.0 44.2 66.2





#71

Bromoform

Concen: 47.92 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

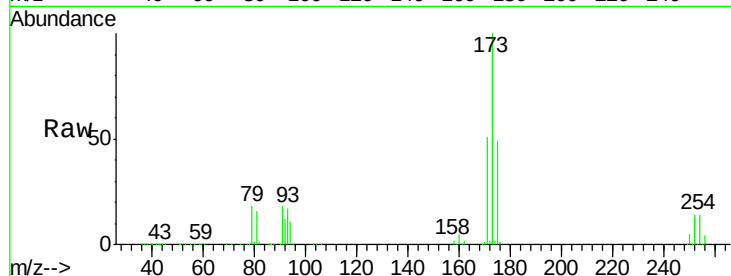
ClientSampleId :

LF001MW001-180418MS

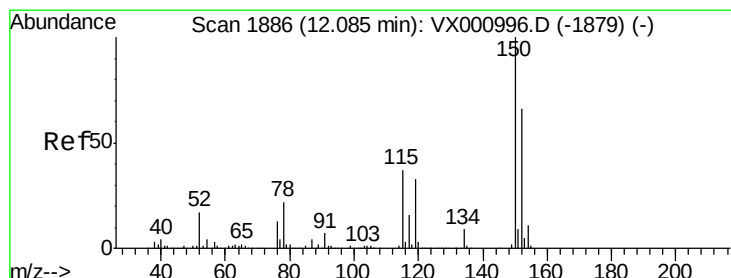
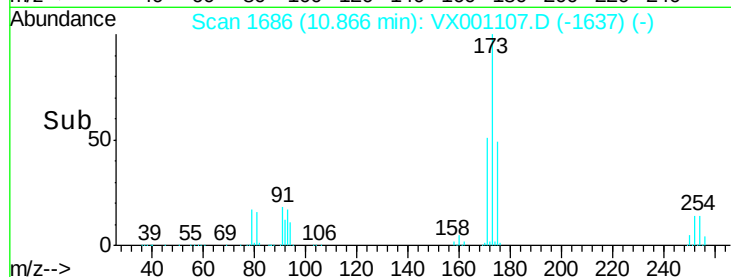
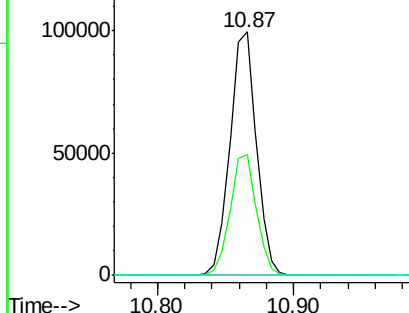
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.8	74.3
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

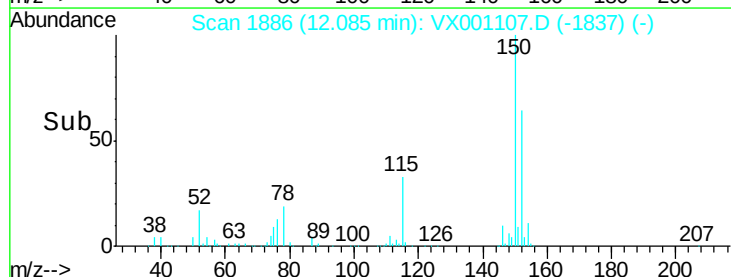
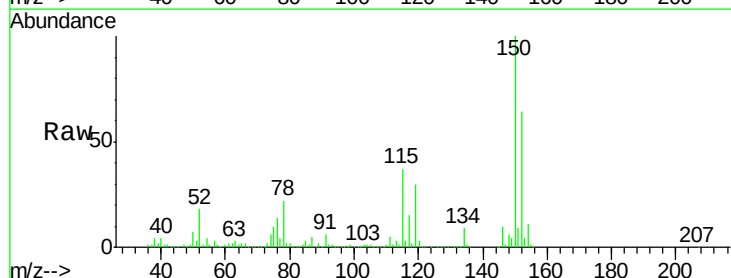
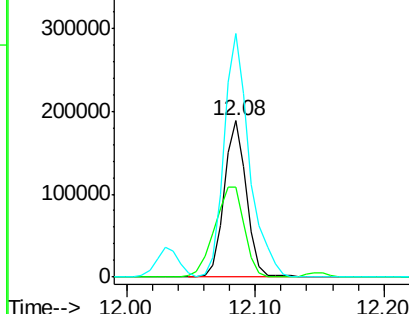
Delta R.T. -0.00 min

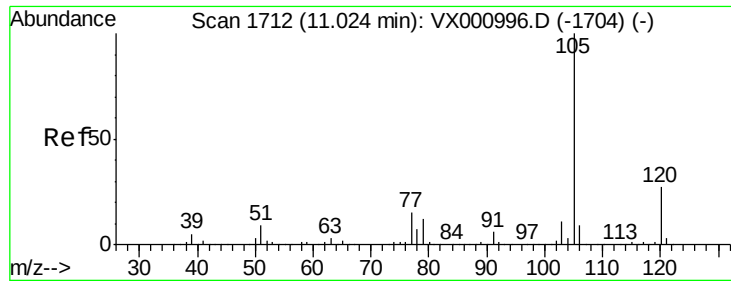
Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.6	38.2	114.6
150	176.9	0.0	350.4

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: 51.76 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion:105 Resp: 776260

Ion Ratio Lower Upper

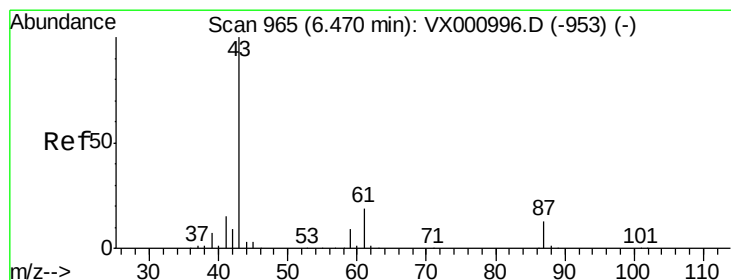
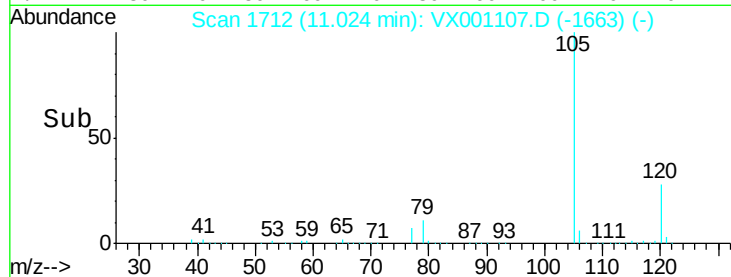
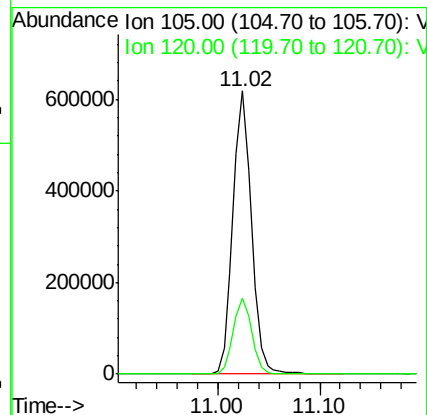
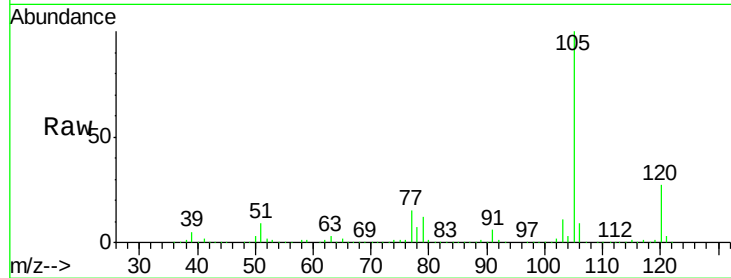
105 100

120 27.3 13.4 40.2

Manual Integrations
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Sohil

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#74

N-ethyl acetate

Concen: 52.18 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion: 43 Resp: 334788

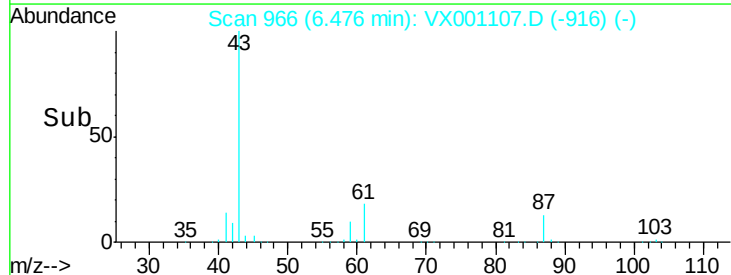
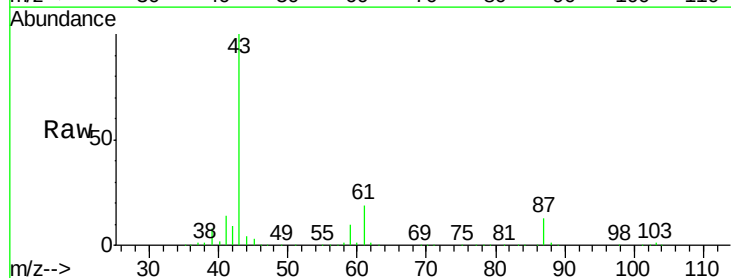
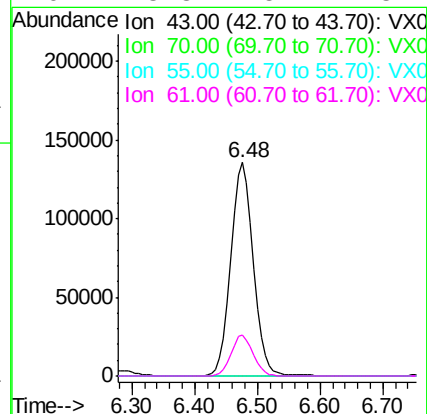
Ion Ratio Lower Upper

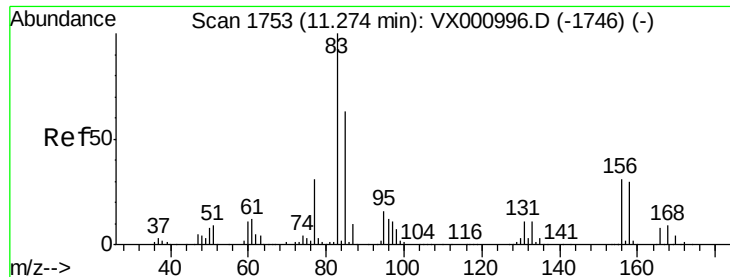
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.8 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

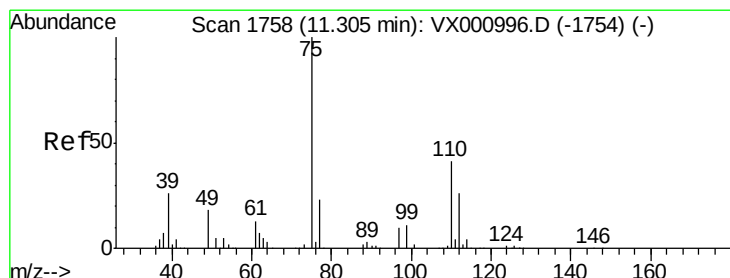
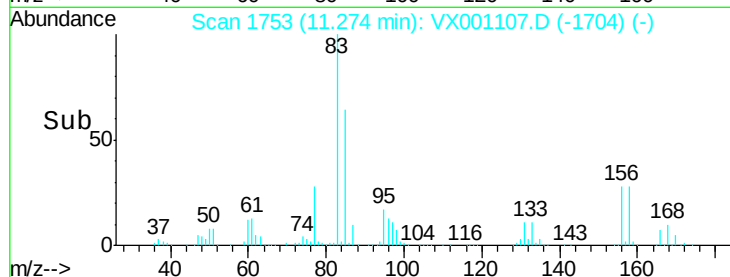
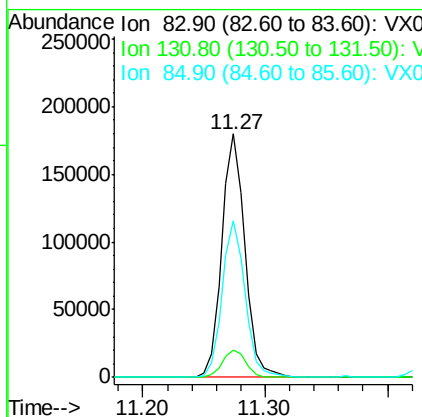
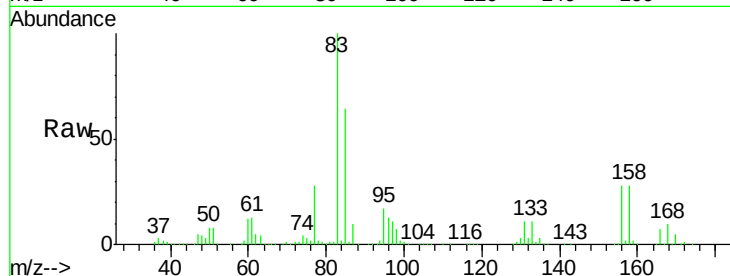
ClientSampleId :

LF001MW001-180418MS

Tot Ion:	83	Resp:	234796
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.4
85	64.3	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.62 ug/l m

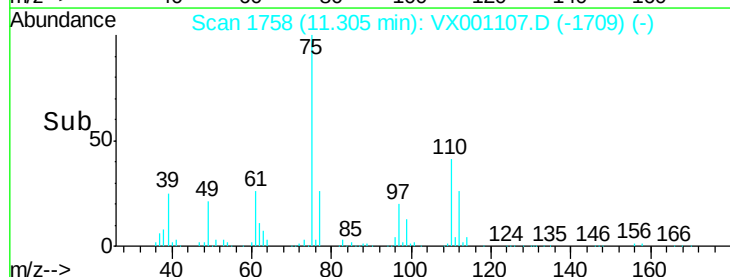
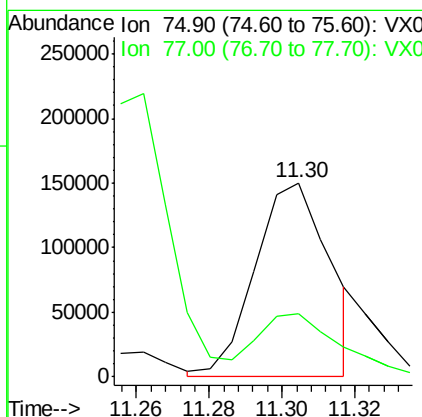
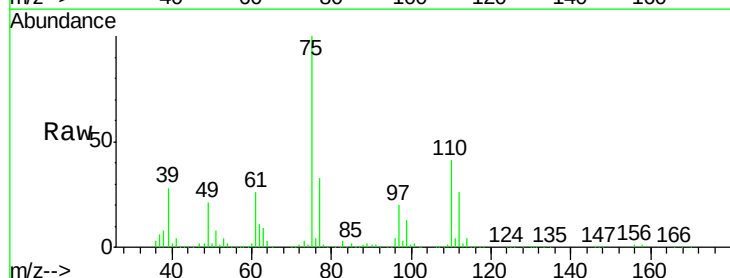
RT: 11.30 min Scan# 1758

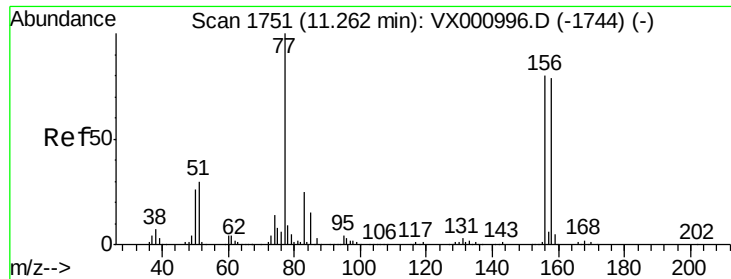
Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion:	75	Resp:	213413
Ion Ratio	Lower	Upper	
75	100		
77	36.2	19.6	58.7





#77

Bromobenzene

Concen: 49.81 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

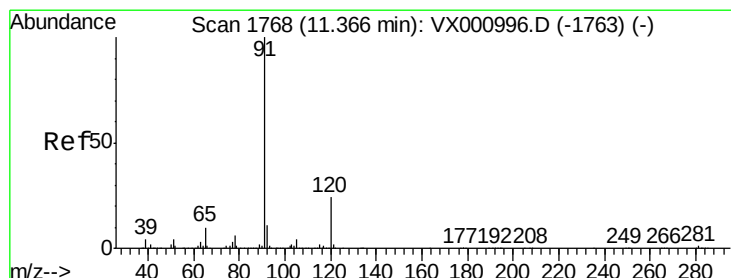
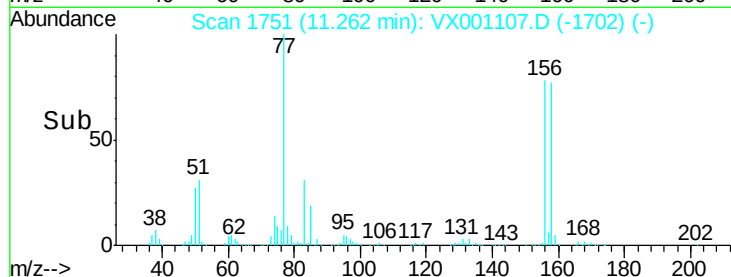
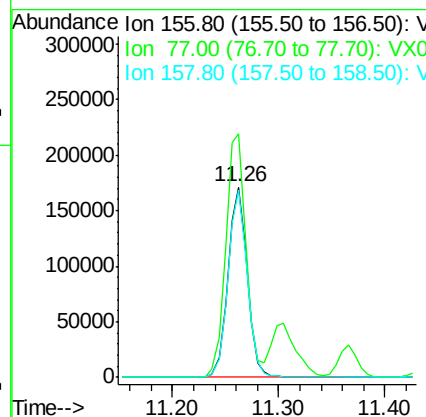
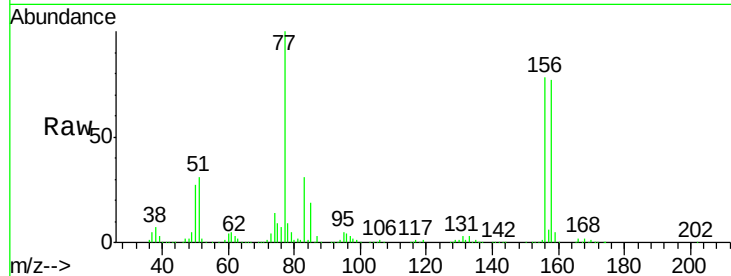
ClientSampleId :

LF001MW001-180418MS

Tot Ion:	156	Resp:	216838
Ion Ratio	Lower	Upper	
156	100		
77	135.3	66.3	199.0
158	98.0	48.9	146.6

Manual Integrations
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Sohil
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#78

n-propylbenzene

Concen: 51.37 ug/l

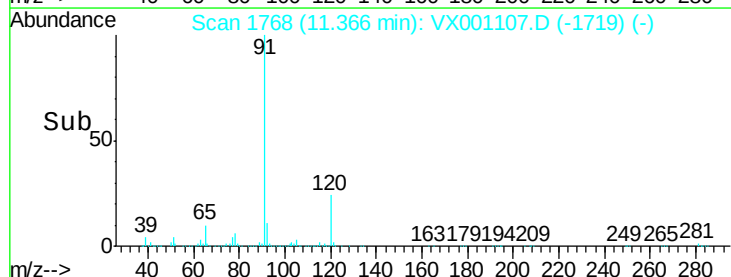
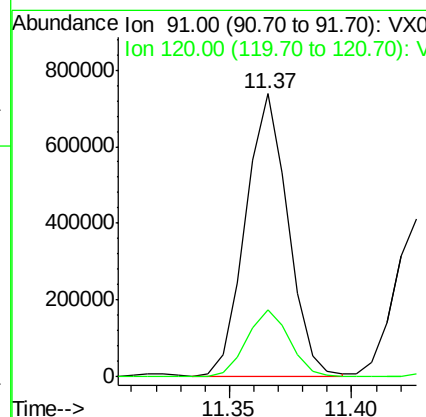
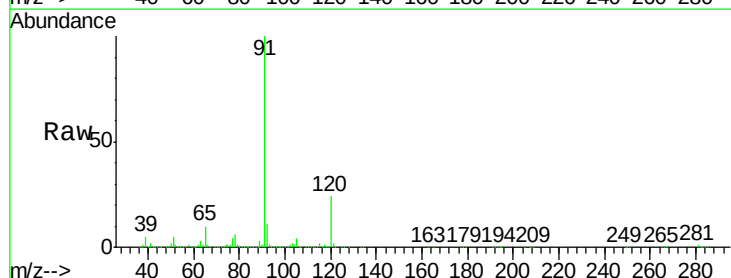
RT: 11.37 min Scan# 1768

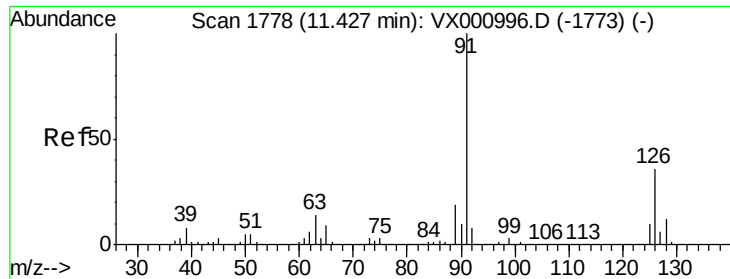
Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion:	91	Resp:	884496
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.4	37.0





#79

2-Chlorotoluene

Concen: 52.13 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion: 91 Resp: 530403

Ion Ratio Lower Upper

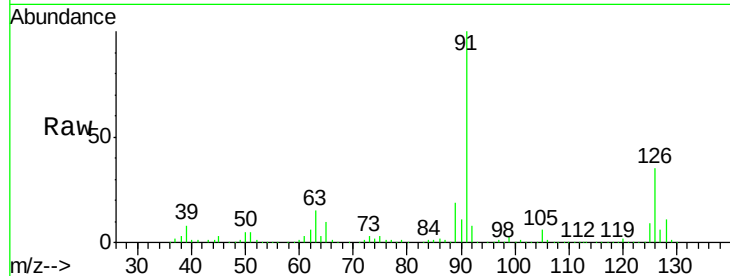
91 100

126 35.1 18.3 54.9

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APPROVED

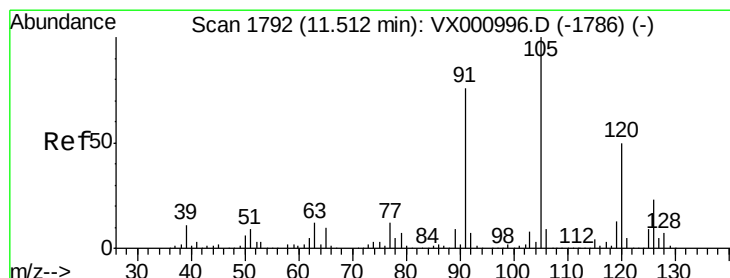
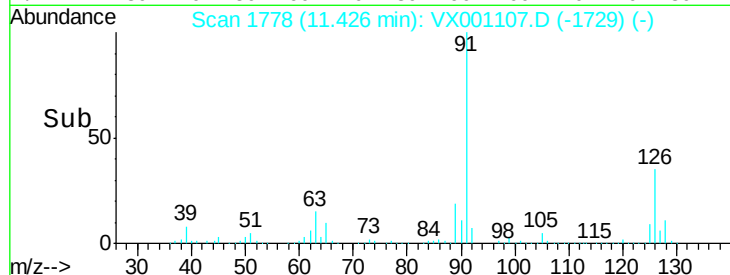
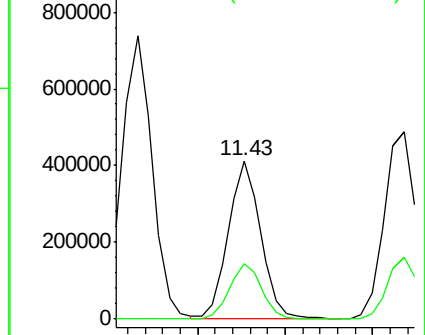
Sohil

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 59.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001107.D

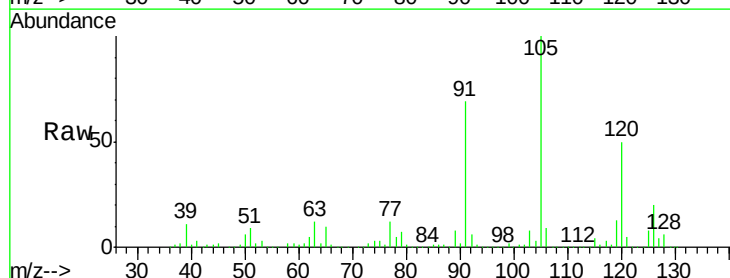
Acq: 25 Apr 2018 05:07

Tgt Ion: 105 Resp: 755918

Ion Ratio Lower Upper

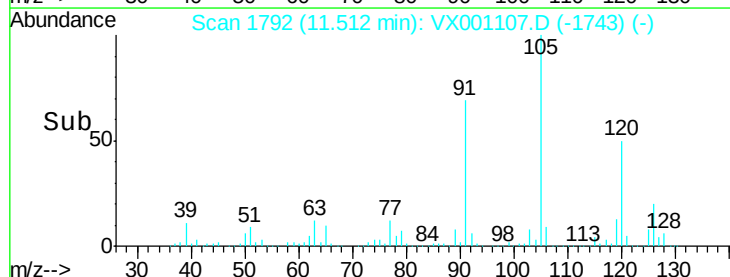
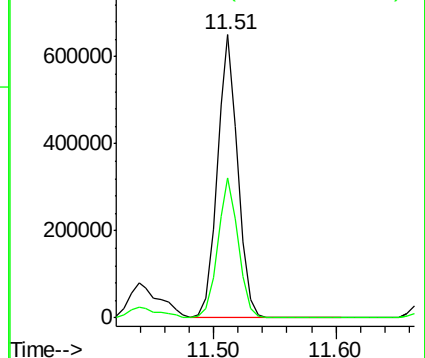
105 100

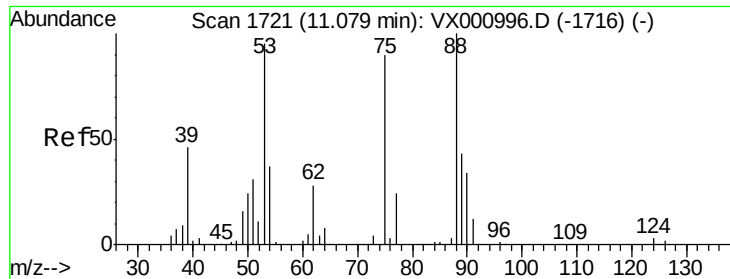
120 49.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 33.70 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

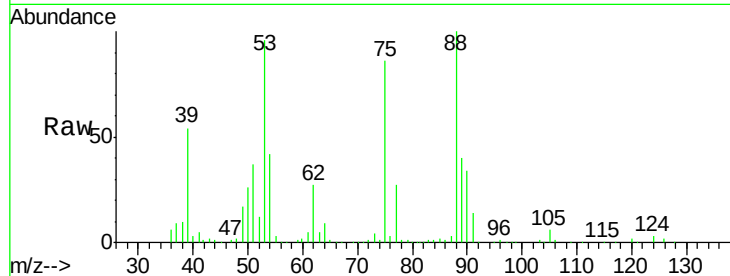
ClientSampleId :

LF001MW001-180418MS

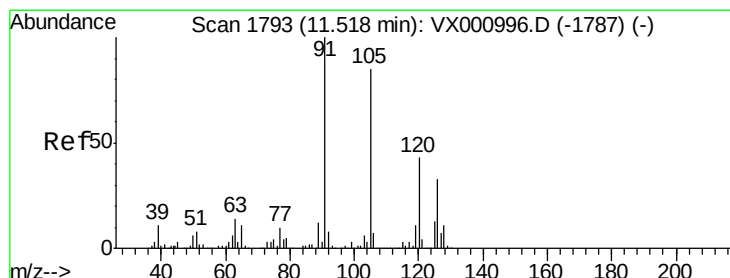
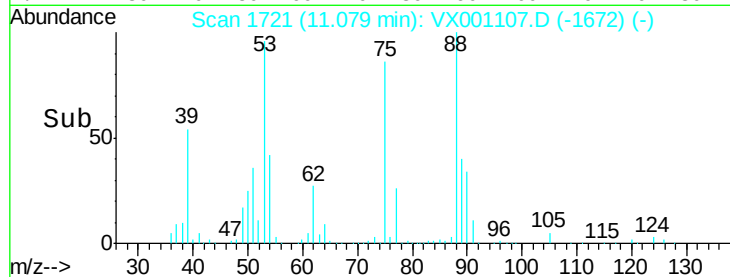
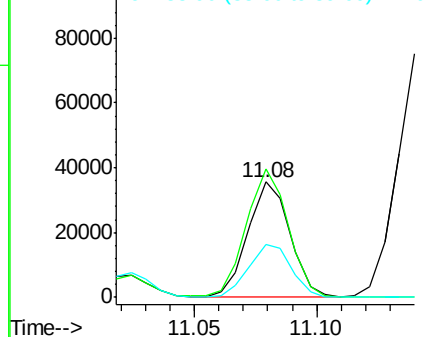
Tot Ion	Ratio	Lower	Upper
75	100		
53	112.3	83.4	125.2
89	47.8	39.7	59.5

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.65 ug/l

RT: 11.52 min Scan# 1793

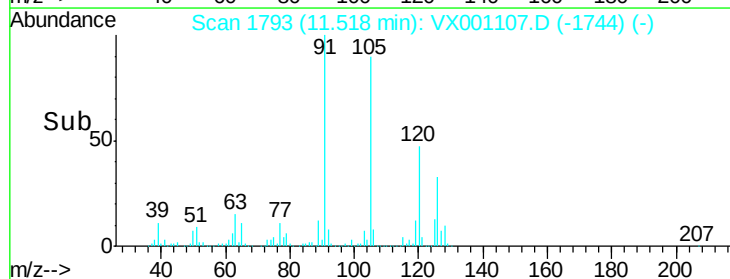
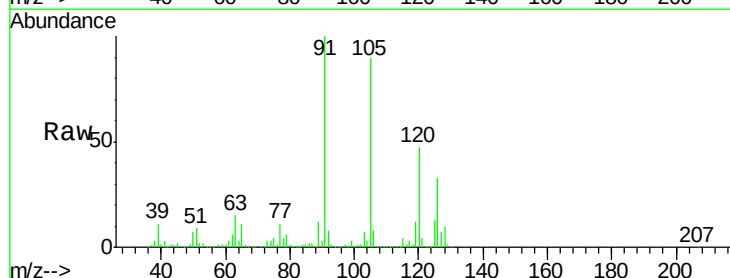
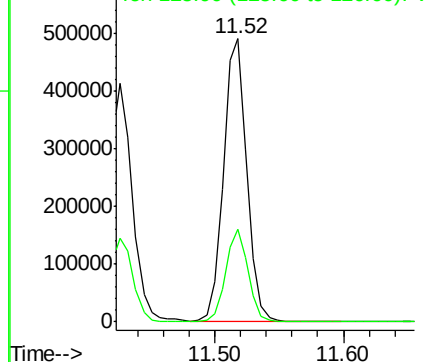
Delta R.T. -0.00 min

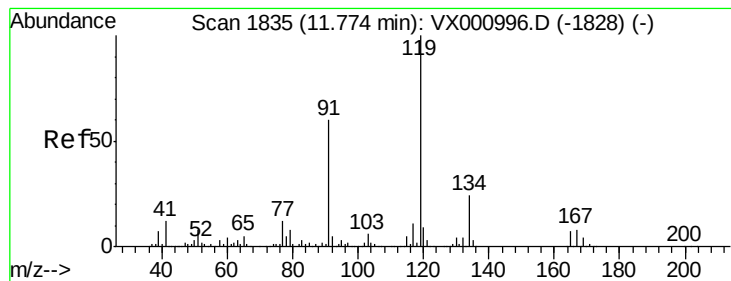
Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.2	48.5

Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.03 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

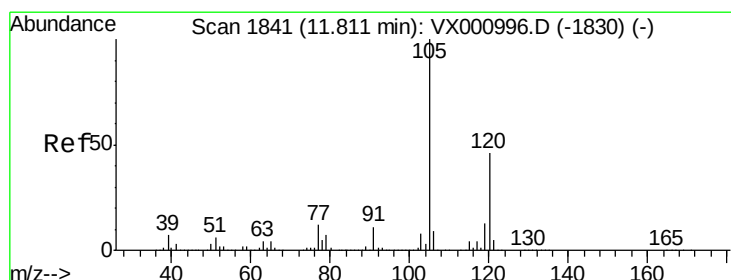
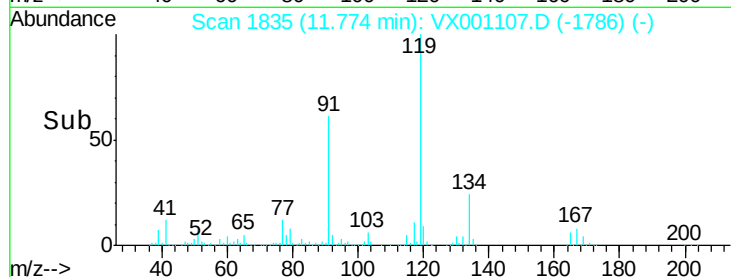
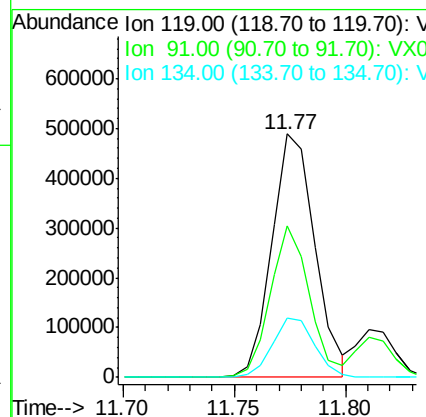
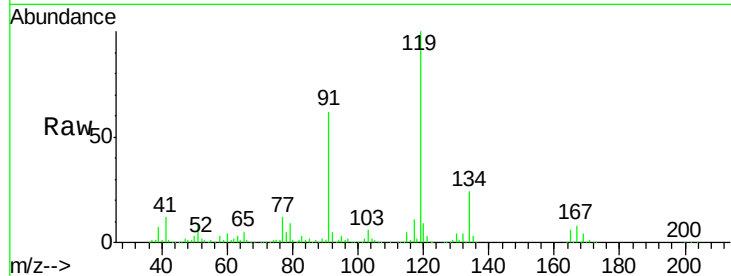
ClientSampleId :

LF001MW001-180418MS

Tot Ion:	119	Resp:	654540
Ion Ratio	Lower	Upper	
119	100		
91	56.8	27.0	81.0
134	24.1	11.6	34.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 74.02 ug/l

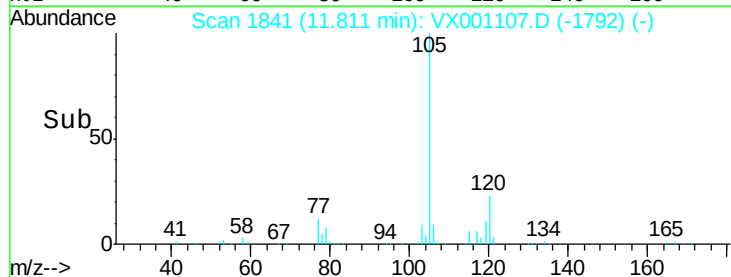
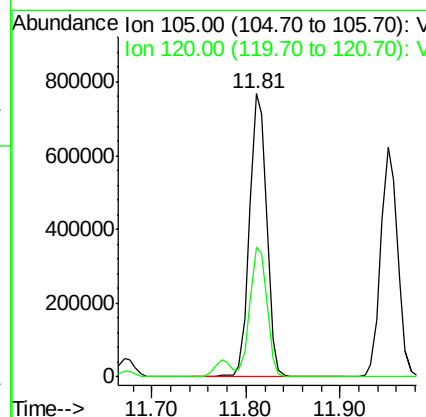
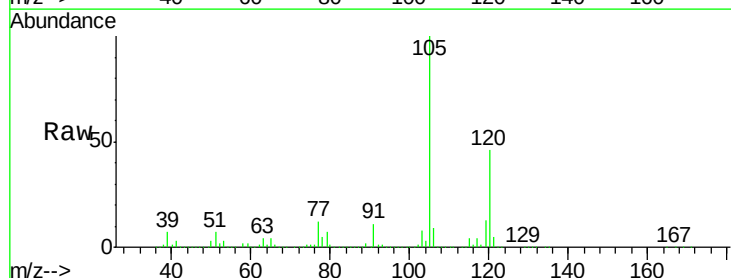
RT: 11.81 min Scan# 1841

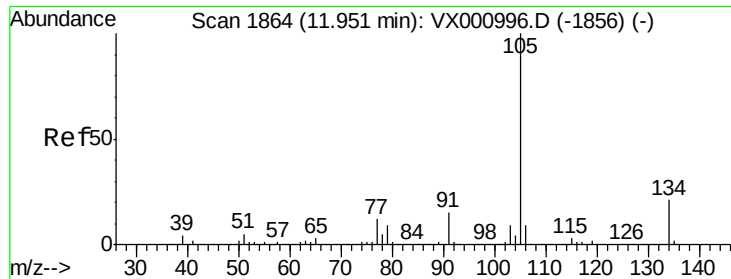
Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion:	105	Resp:	968528
Ion Ratio	Lower	Upper	
105	100		
120	45.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 50.79 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion:105 Resp: 777646

Ion Ratio Lower Upper

105 100

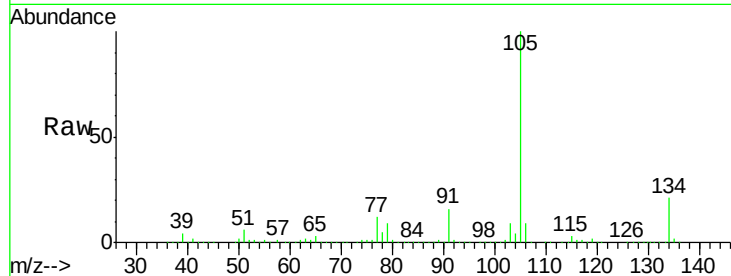
134 21.4 10.5 31.6

Manual Integrations

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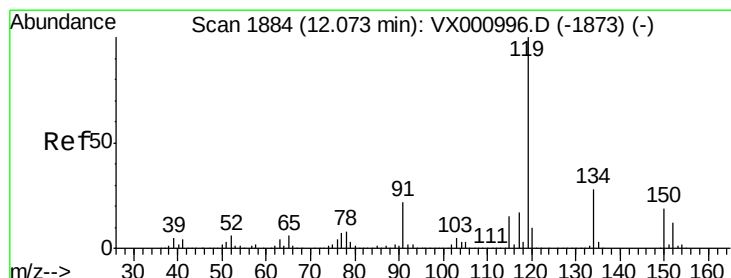
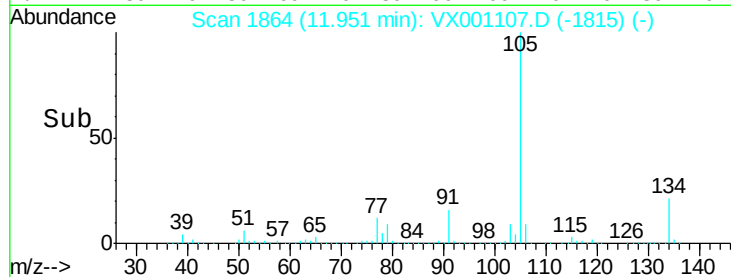
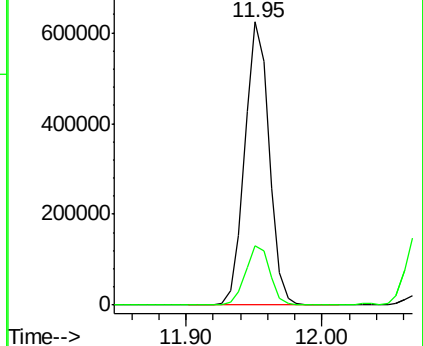
Sohil

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.45 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

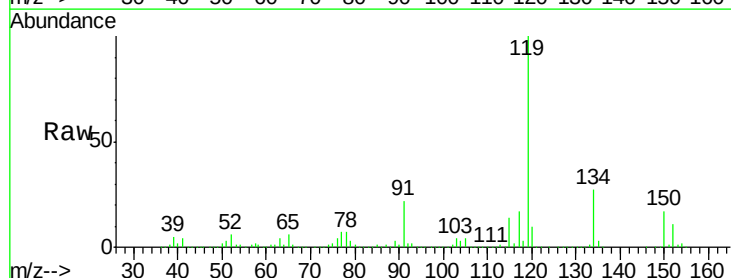
Tgt Ion:119 Resp: 714488

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

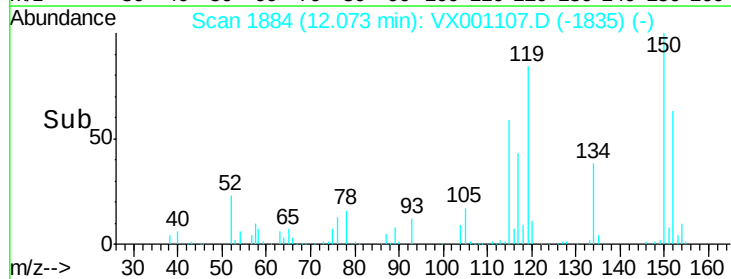
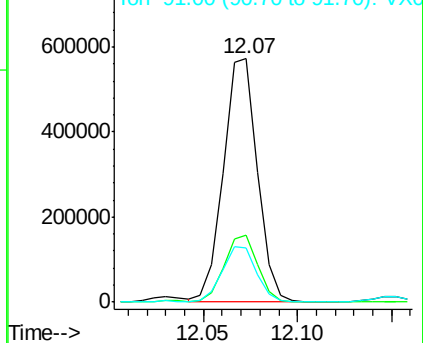
91 22.9 11.4 34.1

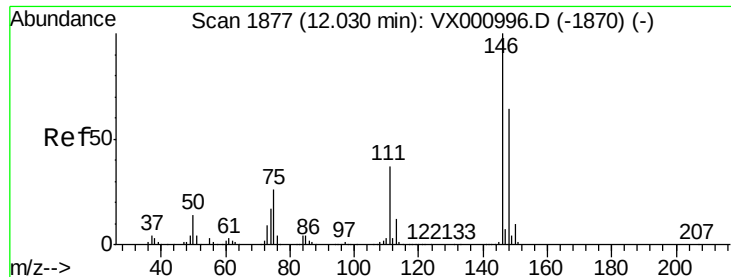


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





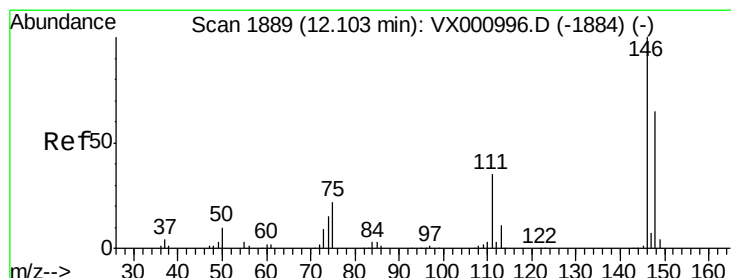
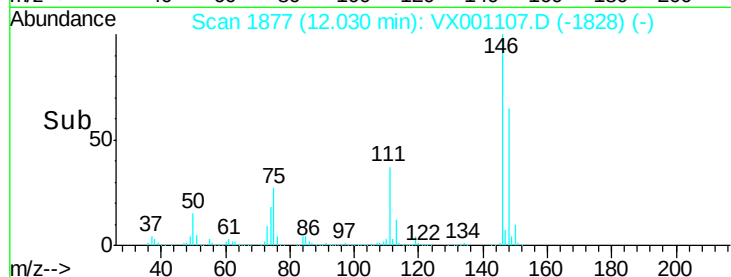
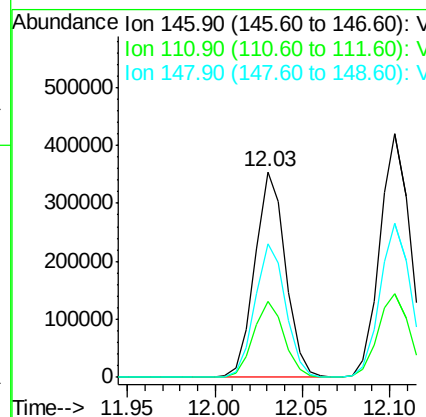
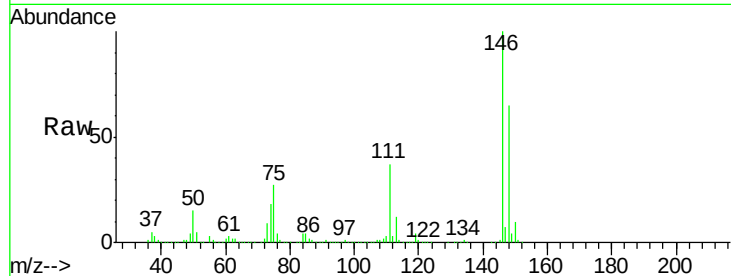
#87
 1,3-Dichlorobenzene
 Concen: 53.14 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.3	54.8
148	64.8	32.2	96.6

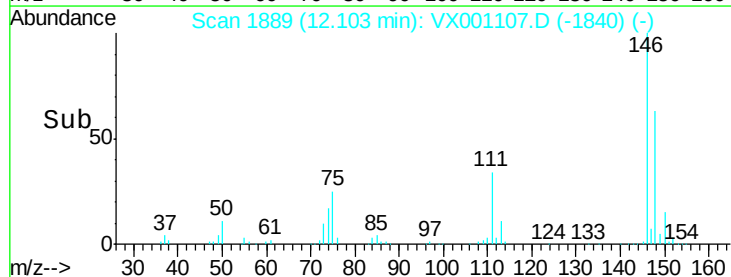
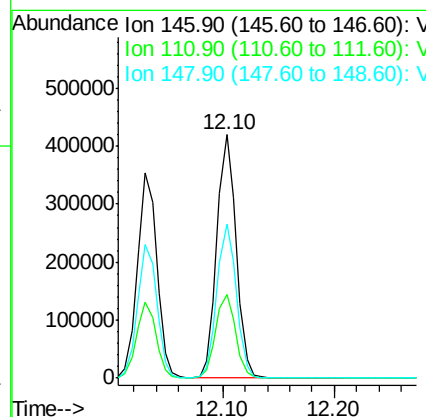
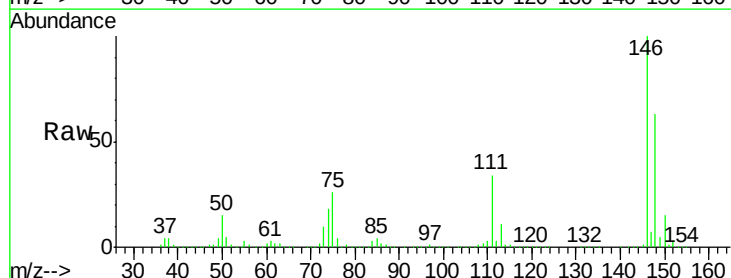
Manual Integrations
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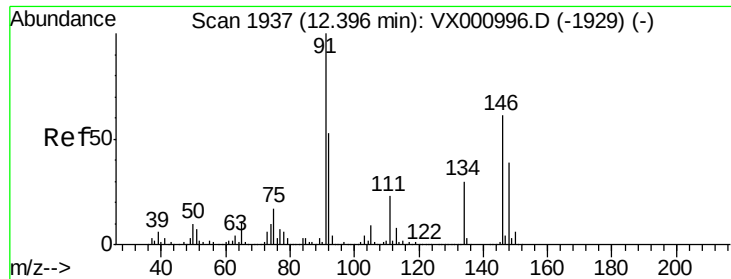
Sohil
 4/26/2018 4:06:29 AM



#88
 1,4-Dichlorobenzene
 Concen: 60.61 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.0	54.0
148	63.8	32.4	97.0





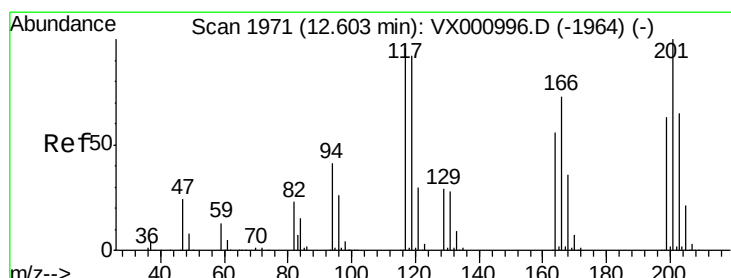
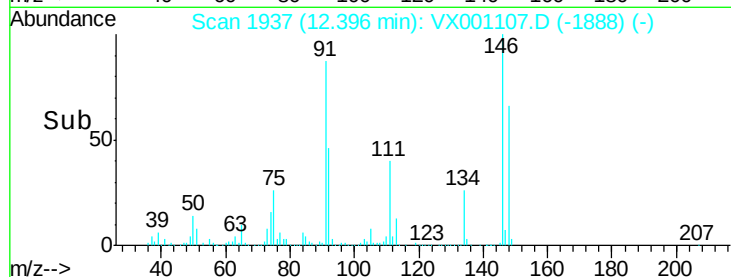
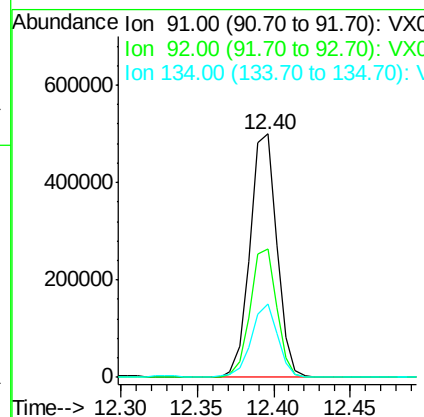
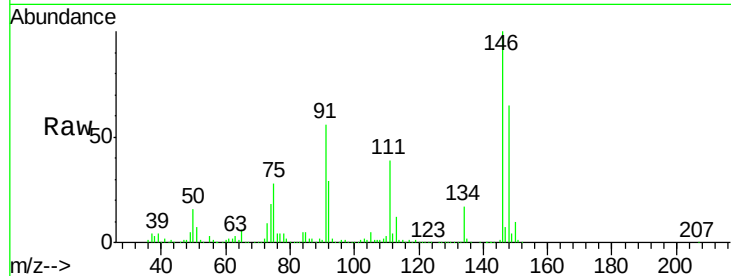
#89
n-Butylbenzene
Concen: 48.30 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	29.8	14.4	43.0

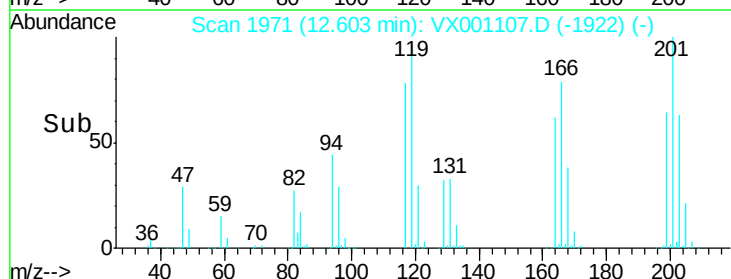
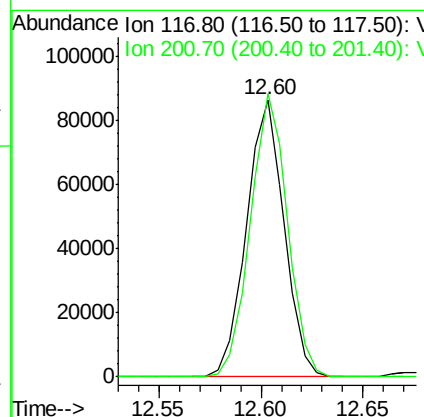
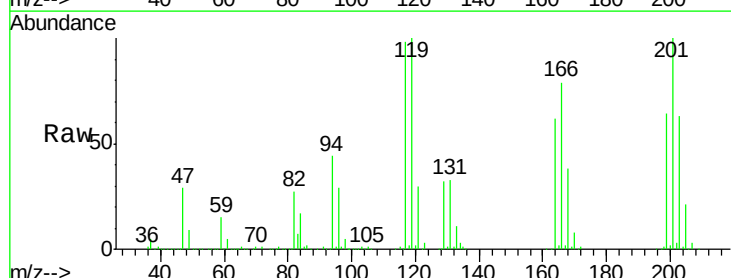
Manual Integrations
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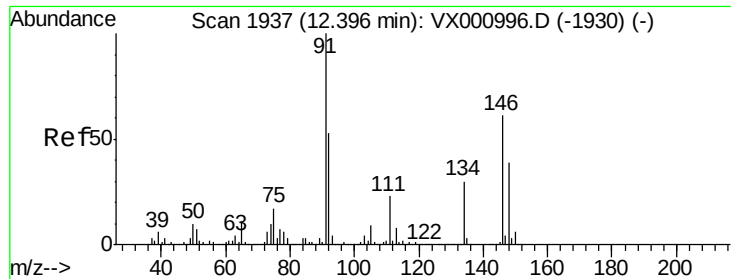
Sohil
4/26/2018 4:06:29 AM



#90
Hexachloroethane
Concen: 54.82 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	101.0	52.3	157.1





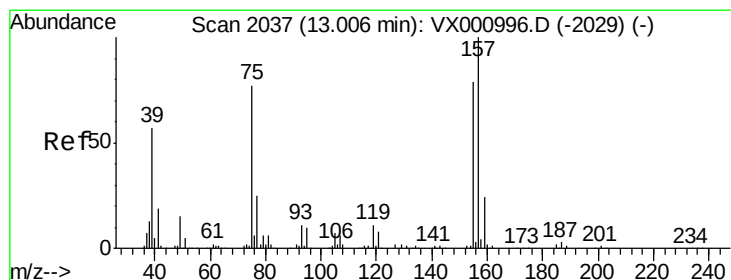
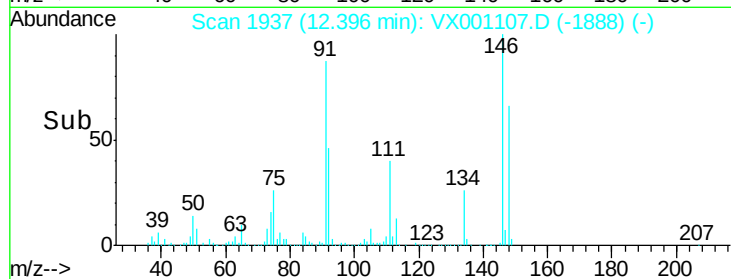
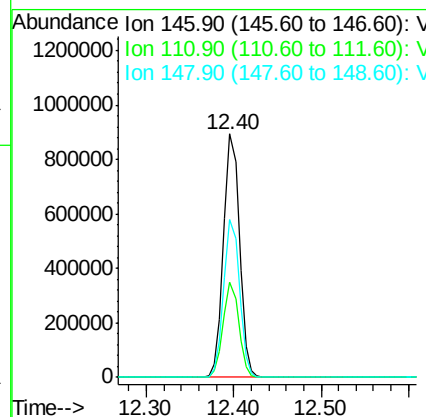
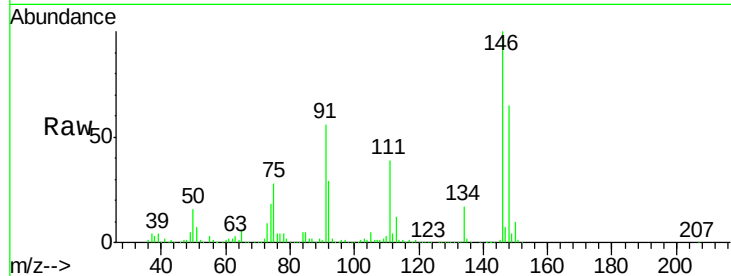
#91
 1,2-Dichlorobenzene
 Concen: 142.61 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tot Ion:146 Resp: 1125222
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 56.0
 148 64.3 32.3 96.8

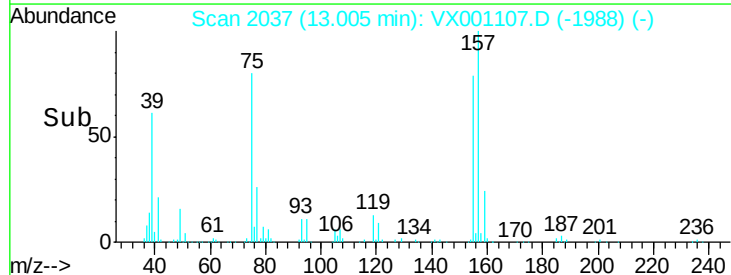
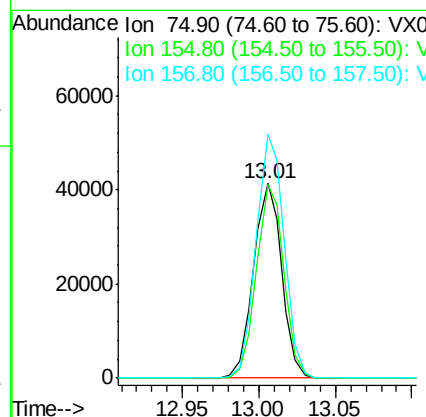
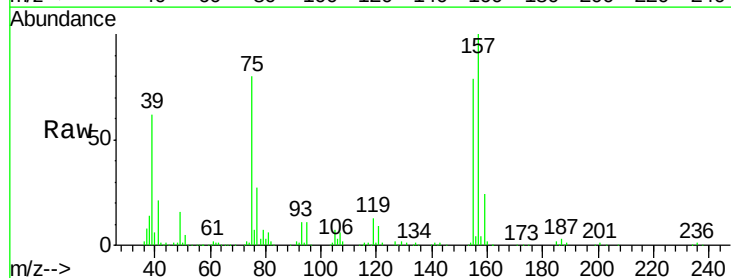
Manual Integrations
 APPROVED

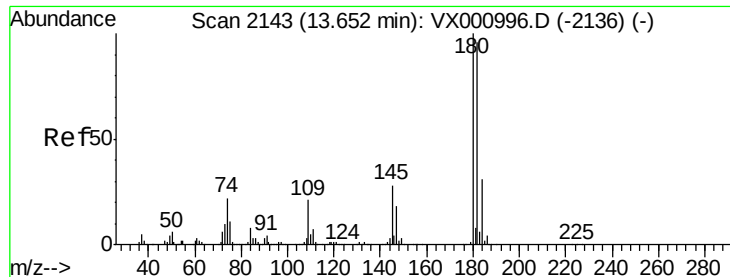
Sohil
 4/26/2018 4:06:29 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.47 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion: 75 Resp: 52894
 Ion Ratio Lower Upper
 75 100
 155 96.7 51.0 153.0
 157 125.0 64.9 194.7





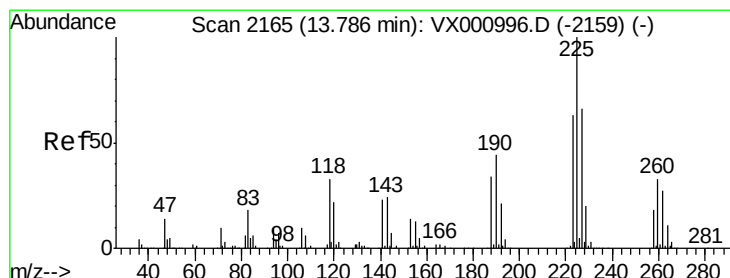
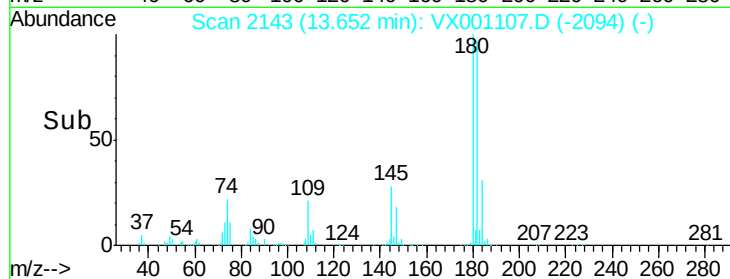
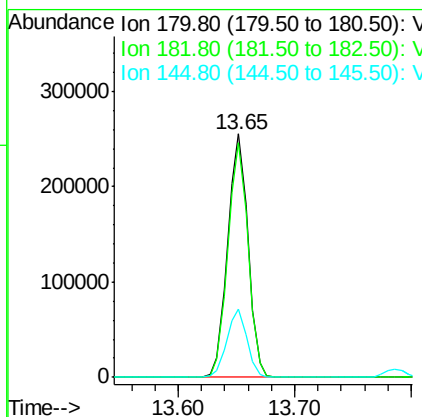
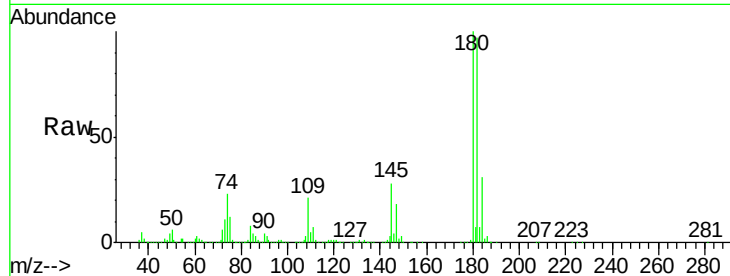
#93
 1,2,4-Trichlorobenzene
 Concen: 46.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	309188		
182	95.8	48.0	144.0	
145	27.7	13.9	41.7	

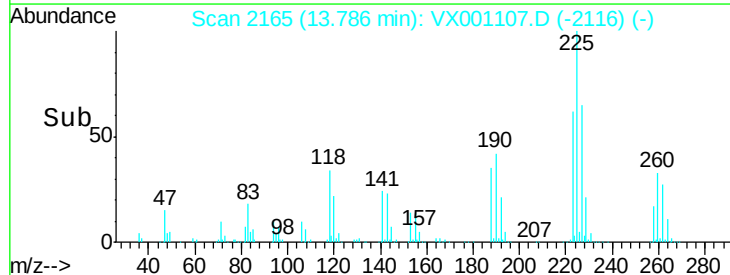
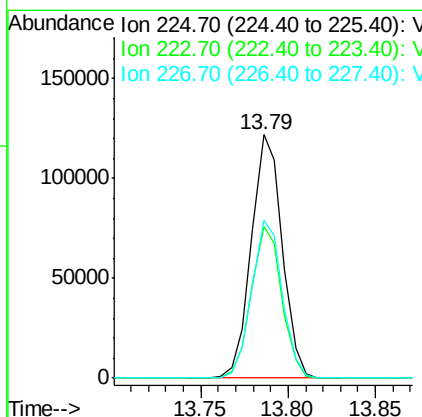
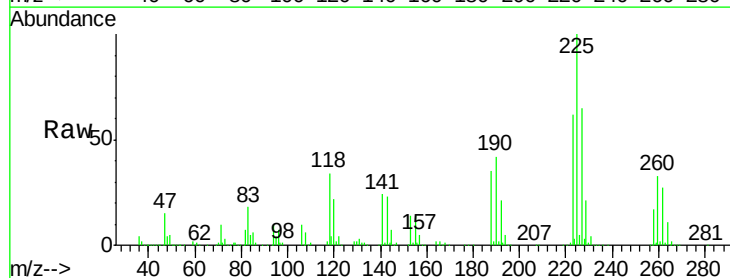
Manual Integrations
 APPROVED

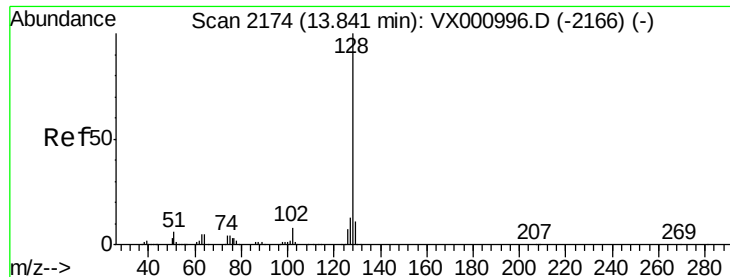
Sohil
 4/26/2018 4:06:29 AM



#94
 Hexachlorobutadiene
 Concen: 49.76 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	149136		
223	61.9	31.5	94.5	
227	64.0	32.6	97.8	





#95

Naphthalene

Concen: 70.29 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tot Ion:128 Resp: 1144946

Ion Ratio Lower Upper

128 100

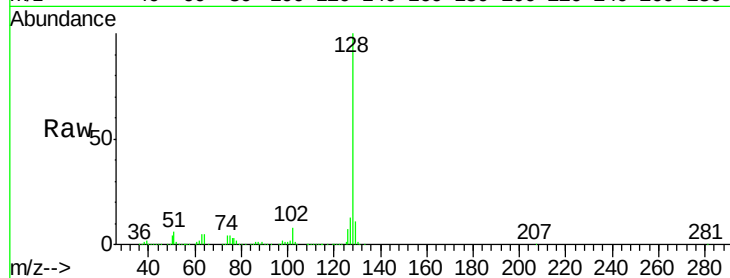
127 13.0 10.2 15.4

129 10.8 8.7 13.1

Manual Integrations
APPROVED

Sohil

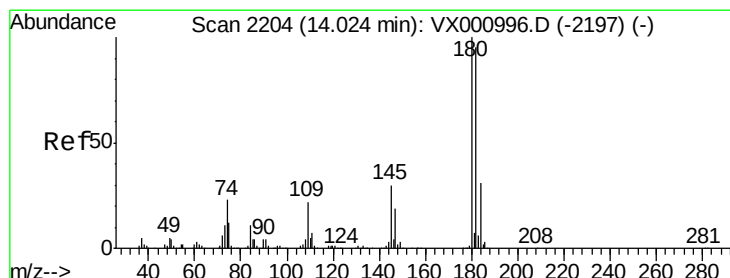
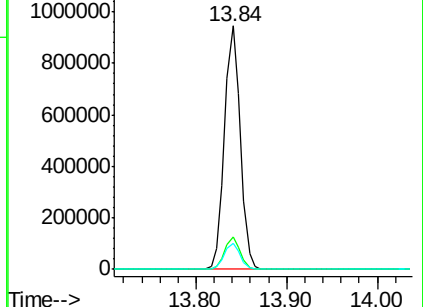
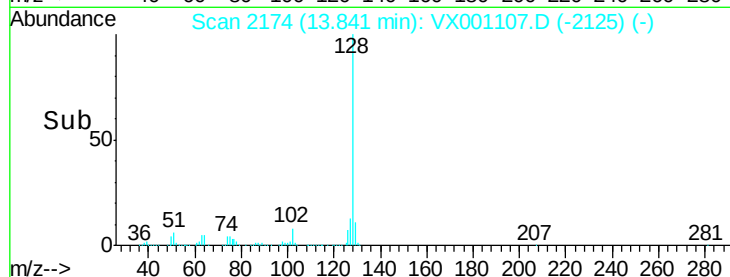
4/26/2018 4:06:29 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.37 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

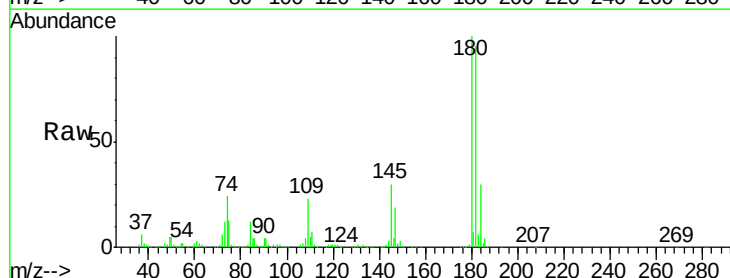
Tgt Ion:180 Resp: 316258

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.7

145 29.5 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

