

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001109.D
 Acq On : 25 Apr 2018 05:58
 Operator : JC/MD
 Sample : J2463-17MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MS

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:34 AM

Quant Time: Apr 25 08:40:41 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	244117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	223924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160501	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
35) Dibromofluoromethane	5.51	113	132653	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	8.72	98	467021	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.14	95	194657	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	159295	52.61	ug/l	100
3) Chloromethane	1.32	50	150759	53.48	ug/l	98
4) Vinyl Chloride	1.40	62	191890	65.67	ug/l	99
5) Bromomethane	1.64	94	95958	58.35	ug/l	97
6) Chloroethane	1.73	64	91961	52.96	ug/l	99
7) Trichlorofluoromethane	1.93	101	232440	52.95	ug/l	99
8) Diethyl Ether	2.19	74	85907	52.98	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127608	49.61	ug/l	99
10) Methyl Iodide	2.51	142	110307	44.45	ug/l	100
11) Tert butyl alcohol	3.07	59	150752	323.02	ug/l	99
12) 1,1-Dichloroethene	2.38	96	120759	50.77	ug/l	99
13) Acrolein	2.30	56	67848	457.18	ug/l	100
14) Allyl chloride	2.73	41	206627	48.00	ug/l	99
15) Acrylonitrile	3.15	53	366975	290.55	ug/l	99
16) Acetone	2.45	43	328657	282.05	ug/l	100
17) Carbon Disulfide	2.57	76	317491	46.84	ug/l	98
18) Methyl Acetate	2.78	43	239553	67.94	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	440095	55.04	ug/l	100
20) Methylene Chloride	2.86	84	134621	54.97	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	134255	50.70	ug/l	98
22) Diisopropyl ether	3.88	45	449637	53.96	ug/l	97
23) Vinyl Acetate	3.83	43	1830377	265.33	ug/l	99
24) 1,1-Dichloroethane	3.70	63	236980	50.70	ug/l	100
25) 2-Butanone	4.71	43	518478	285.03	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75459	18.77	ug/l #	76
27) cis-1,2-Dichloroethene	4.60	96	281661	95.50	ug/l	90
28) Bromochloromethane	5.03	49	97251	54.11	ug/l	98
29) Tetrahydrofuran	5.17	42	336863	293.06	ug/l	100
30) Chloroform	5.23	83	257026	53.10	ug/l	100
31) Cyclohexane	5.59	56	208209	47.73	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	227417	52.40	ug/l	99
36) 1,1-Dichloropropene	5.81	75	185036	46.37	ug/l	100
37) Ethyl Acetate	4.87	43	202110	55.22	ug/l	100
38) Carbon Tetrachloride	5.79	117	201255	49.81	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	211072	45.44	ug/l	99
40) Benzene	6.15	78	554972	50.03	ug/l	100
41) Methacrylonitrile	5.07	41	120586	52.76	ug/l	99
42) 1,2-Dichloroethane	6.21	62	219829	51.62	ug/l	99
43) Isopropyl Acetate	6.48	43	340191	54.17	ug/l	99
44) Trichloroethene	7.22	130	162478	47.94	ug/l	100
45) 1,2-Dichloropropane	7.52	63	143570	51.47	ug/l	99
46) Dibromomethane	7.67	93	99500	51.05	ug/l	100
47) Bromodichloromethane	7.91	83	190118	52.65	ug/l	97
48) Methyl methacrylate	7.79	41	182843	54.07	ug/l	98
49) 1,4-Dioxane	7.76	88	59417	1194.95	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1114968	292.42	ug/l	100
52) Toluene	8.79	92	367943	50.82	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	190981	44.23	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	182330	44.78	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147799	51.36	ug/l	98
56) Ethyl methacrylate	9.19	69	226367	53.55	ug/l	98
57) 1,3-Dichloropropane	9.38	76	244603	51.30	ug/l	100
59) 2-Hexanone	9.51	43	844079	289.22	ug/l	99
60) Dibromochloromethane	9.59	129	164583	54.45	ug/l	99
61) 1,2-Dibromoethane	9.68	107	160054	52.70	ug/l	100
64) Tetrachloroethene	9.34	164	159547	46.09	ug/l	100
65) Chlorobenzene	10.15	112	549070	63.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	157475	52.86	ug/l	100
67) Ethyl Benzene	10.26	91	714996	49.61	ug/l	99
68) m/p-Xylenes	10.37	106	567626	99.93	ug/l	100
69) o-Xylene	10.71	106	273512	49.94	ug/l	98
70) Styrene	10.72	104	460418	51.05	ug/l	99
71) Bromoform	10.87	173	135310	48.85	ug/l	99
73) Isopropylbenzene	11.02	105	741547	50.65	ug/l	100
74) N-amyl acetate	6.48	43	340191	54.32	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	231304	55.81	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	209848m	54.01	ug/l	
77) Bromobenzene	11.26	156	211496	49.77	ug/l	98
78) n-propylbenzene	11.37	91	834231	49.64	ug/l	99
79) 2-Chlorotoluene	11.43	91	501448	50.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	635112	51.18	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	40366	33.06	ug/l	93
82) 4-Chlorotoluene	11.52	91	599018	49.92	ug/l	99
83) tert-Butylbenzene	11.77	119	653054	52.17	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	657869	51.51	ug/l	99
85) sec-Butylbenzene	11.95	105	751681	50.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	687961	49.77	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	397005	49.91	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	444276	54.41	ug/l	99
89) n-Butylbenzene	12.40	91	586766	47.71	ug/l	100
90) Hexachloroethane	12.60	117	105998	54.12	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	405460	52.65	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52761	60.77	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	304119	47.04	ug/l	99

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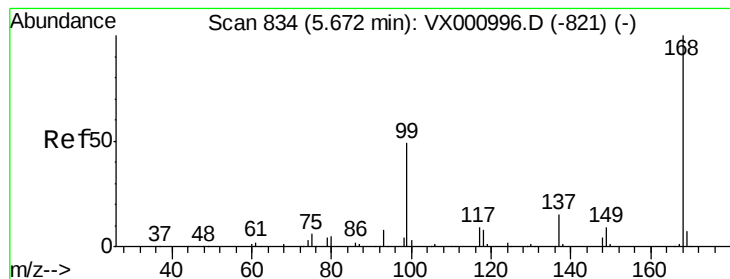
Manual Integrations
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4/26/2018 4:06:34 AM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	147221	50.33	ug/l	99
95) Naphthalene	13.84	128	869409	54.68	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	307885	49.24	ug/l	100

(#) = 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: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion:168 Resp: 244117

Ion Ratio Lower Upper

168 100

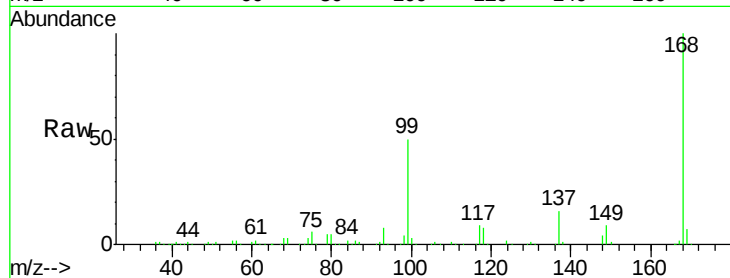
99 49.6 39.2 58.8

Manual Integrations

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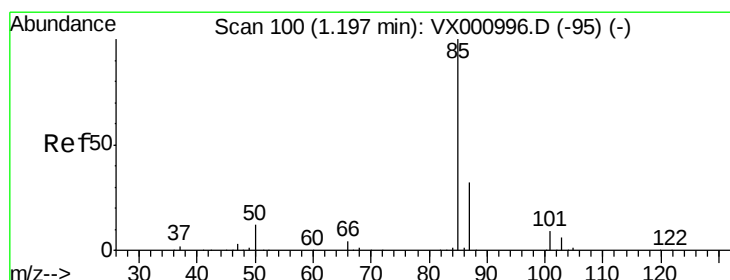
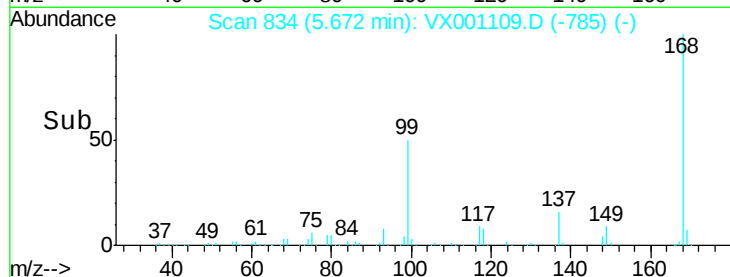


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 52.61 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001109.D

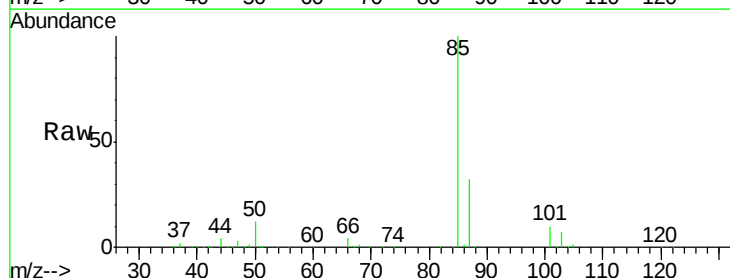
Acq: 25 Apr 2018 05:58

Tgt Ion: 85 Resp: 159295

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.4

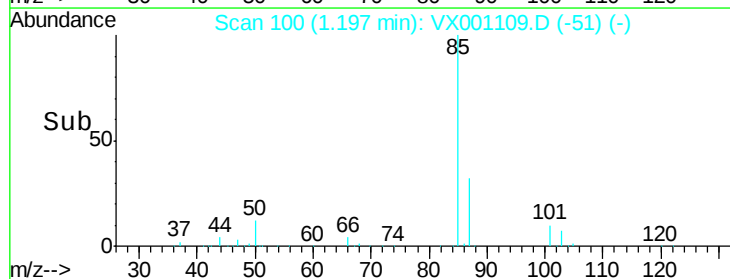


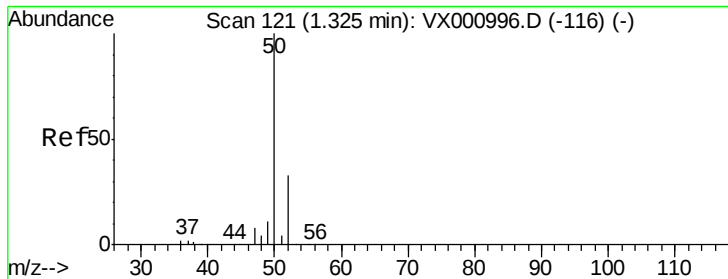
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 53.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion: 50 Resp: 150759

Ion Ratio Lower Upper

50 100

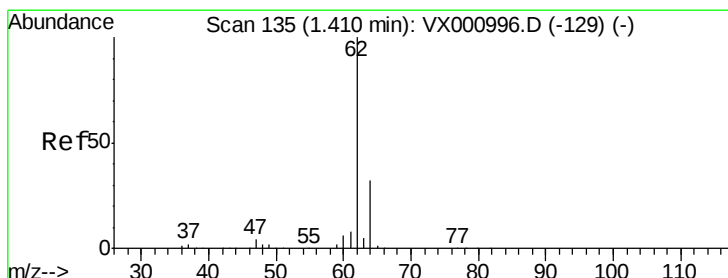
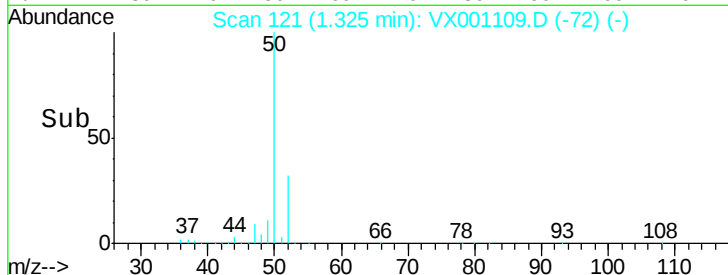
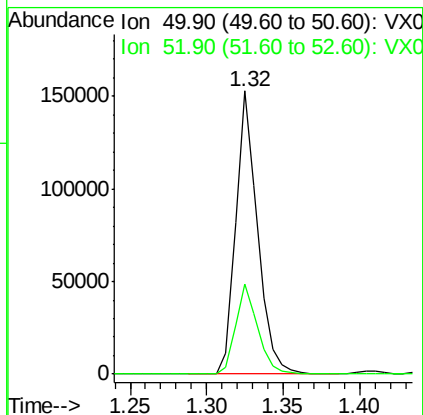
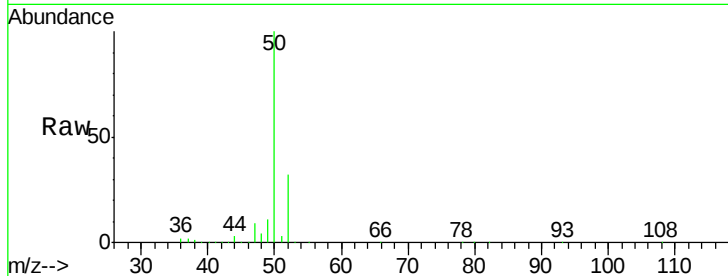
52 31.9 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 65.67 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001109.D

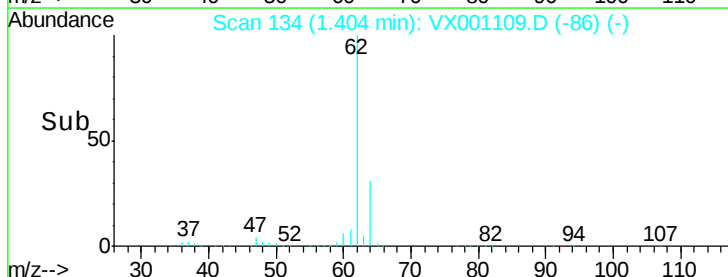
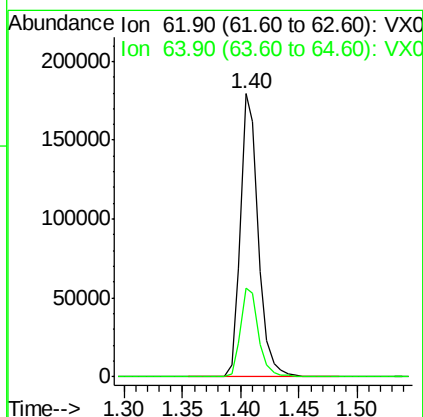
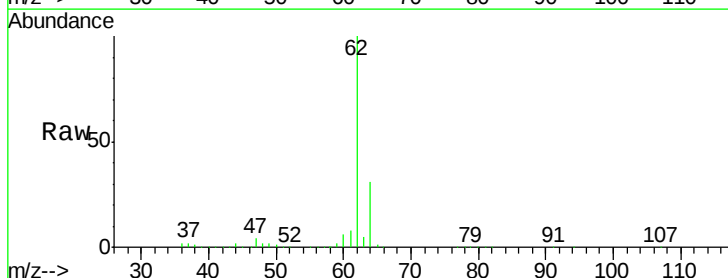
Acq: 25 Apr 2018 05:58

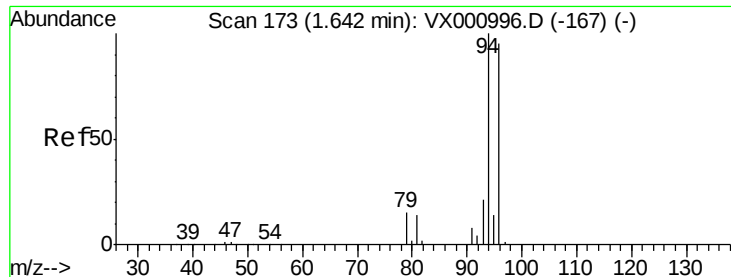
Tgt Ion: 62 Resp: 191890

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 58.35 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion: 94 Resp: 95958

Ion Ratio Lower Upper

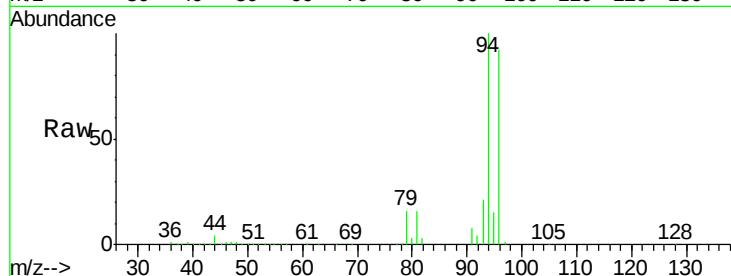
94 100

96 92.0 76.0 114.0

Manual Integrations
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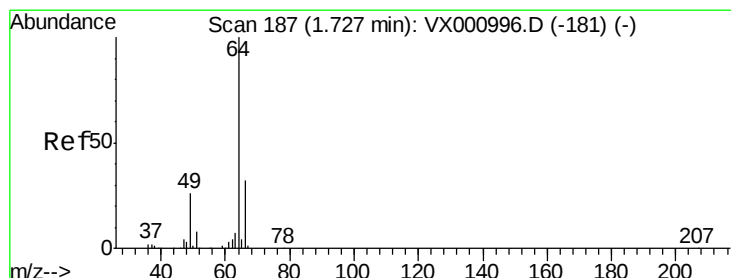
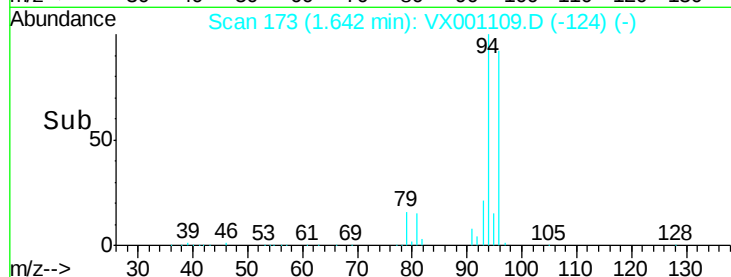
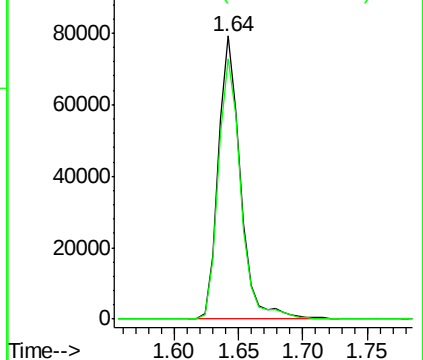
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.96 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001109.D

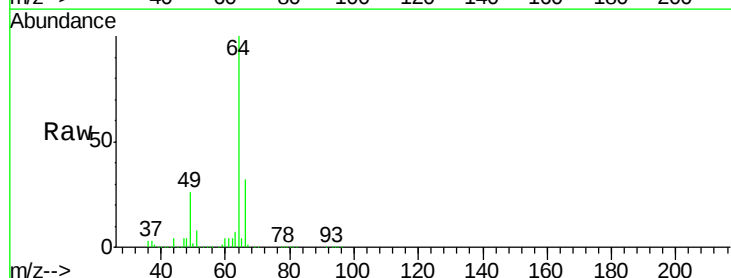
Acq: 25 Apr 2018 05:58

Tgt Ion: 64 Resp: 91961

Ion Ratio Lower Upper

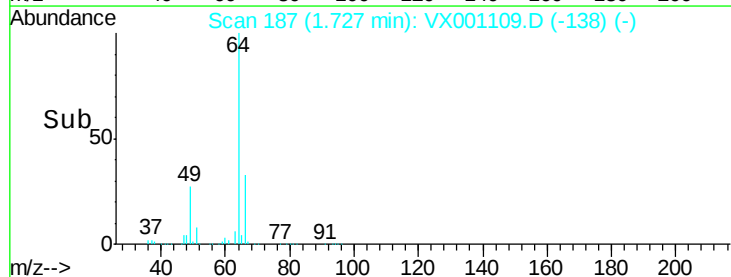
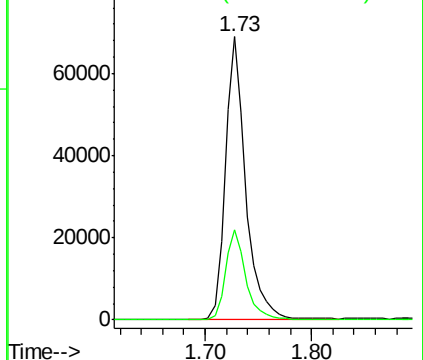
64 100

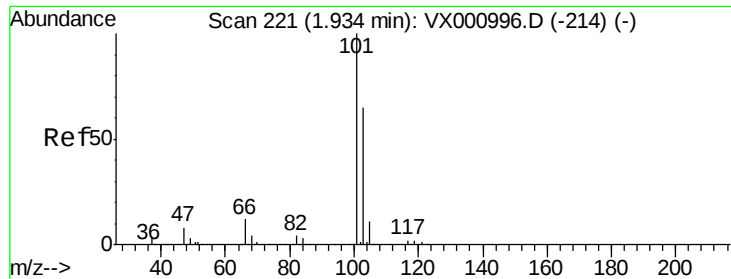
66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

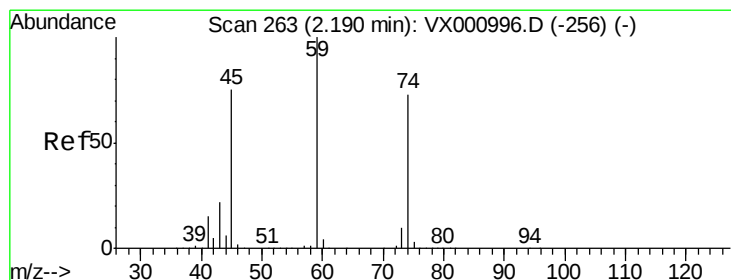
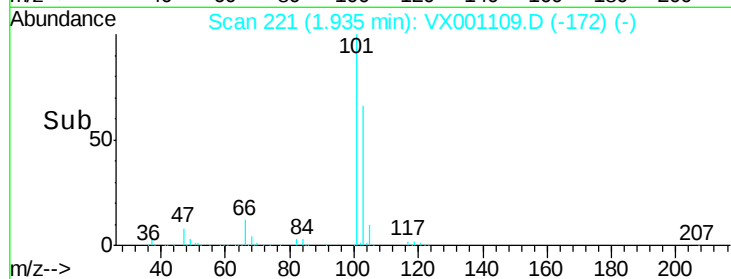
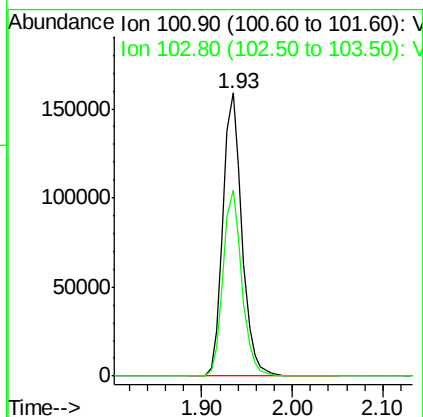
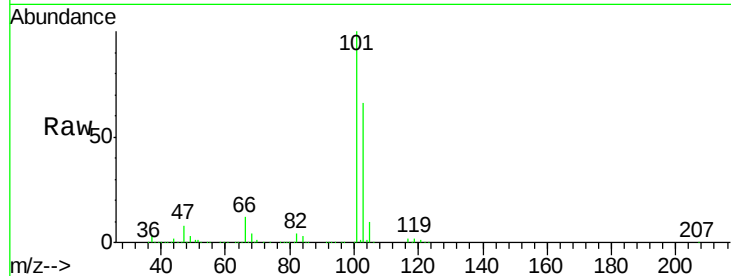
Trichlorofluoromethane
Concen: 52.95 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.8

Manual Integrations
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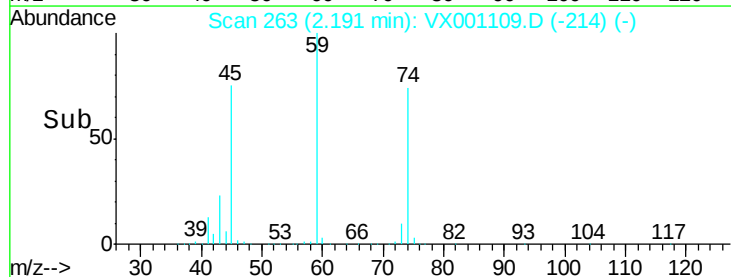
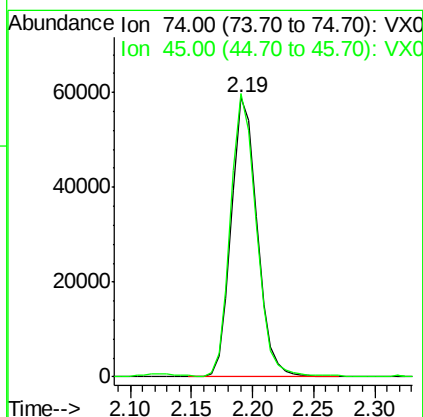
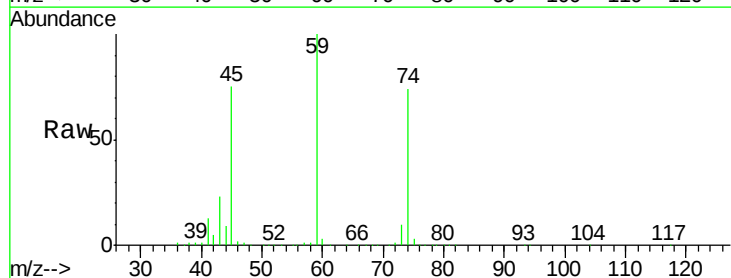
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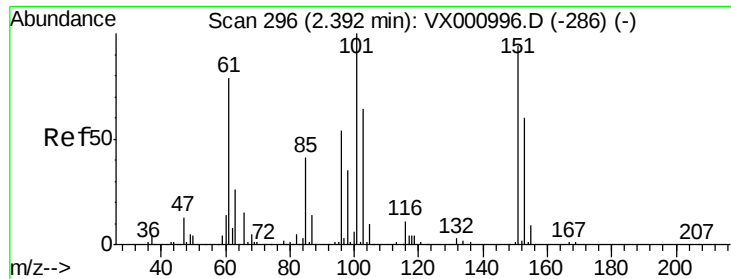


#8

Diethyl Ether
Concen: 52.98 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.61 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

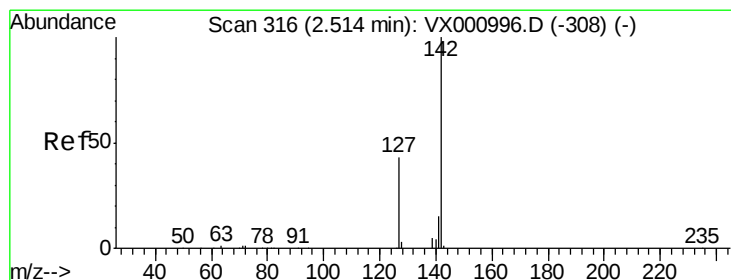
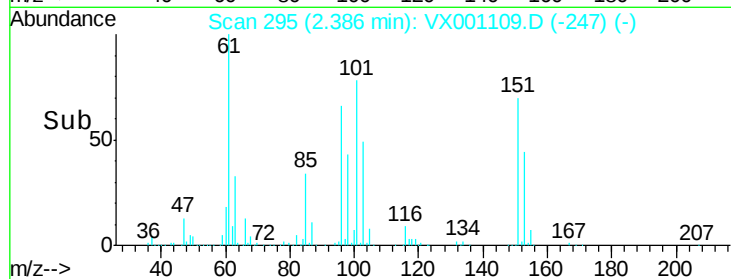
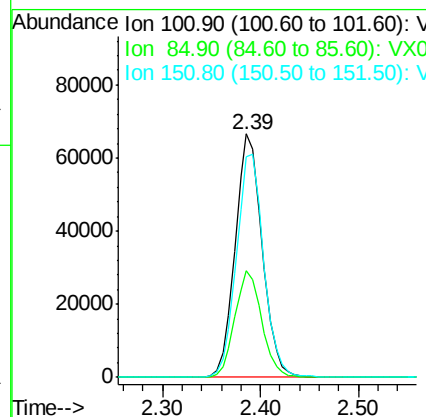
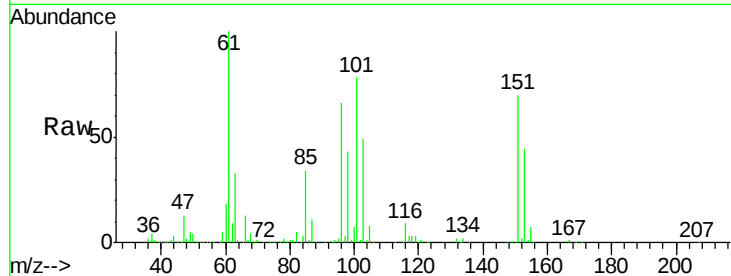
ClientSampleId :

LF015MW001-180416MS

Tot Ion:	101	Resp:	127608
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.9	50.9
151	92.8	73.5	110.3

Manual Integrations
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4/26/2018 4:06:34 AM



#10

Methyl Iodide

Concen: 44.45 ug/l

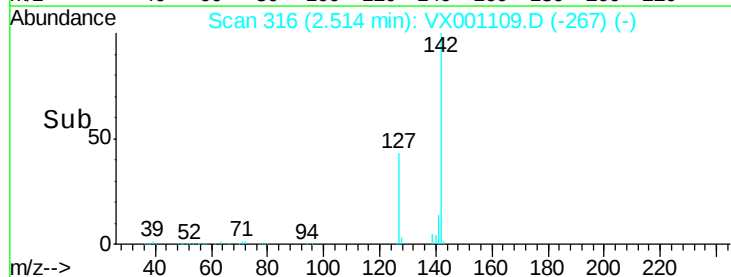
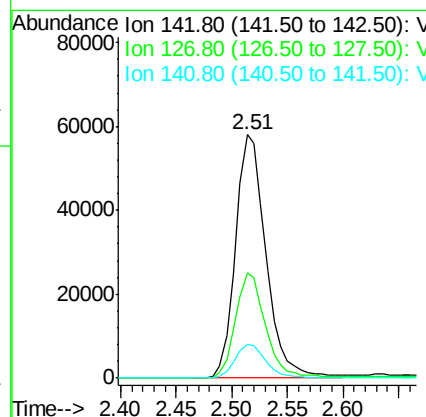
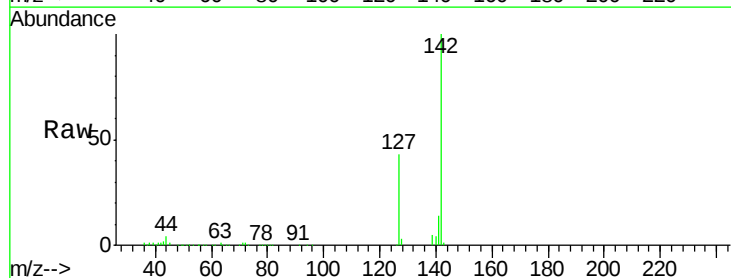
RT: 2.51 min Scan# 316

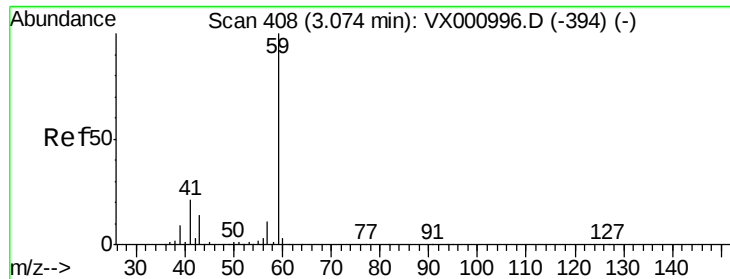
Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion:	142	Resp:	110307
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.0	51.0
141	14.3	11.4	17.2





#11

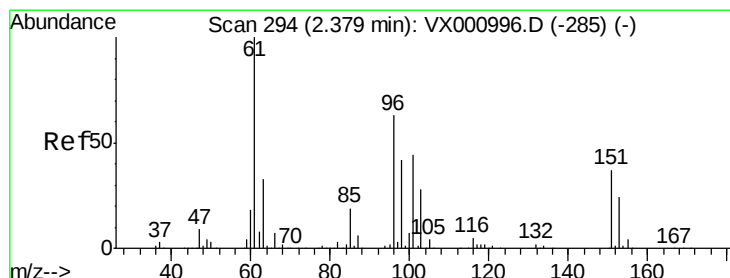
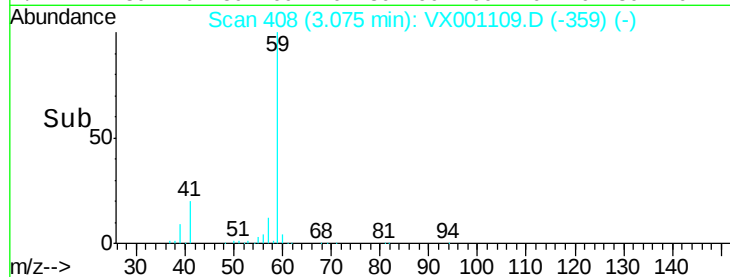
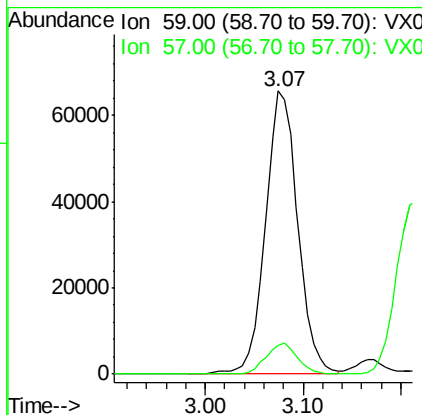
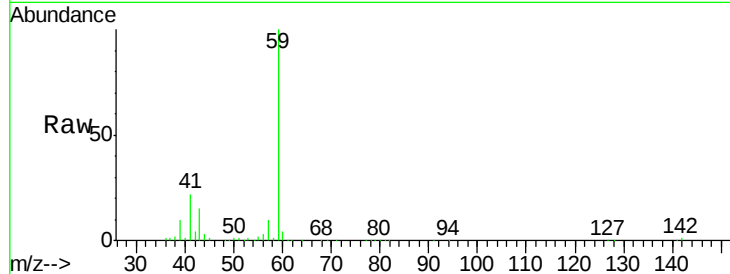
Tert butyl alcohol
 Concen: 323.02 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

Manual Integrations
 APPROVED

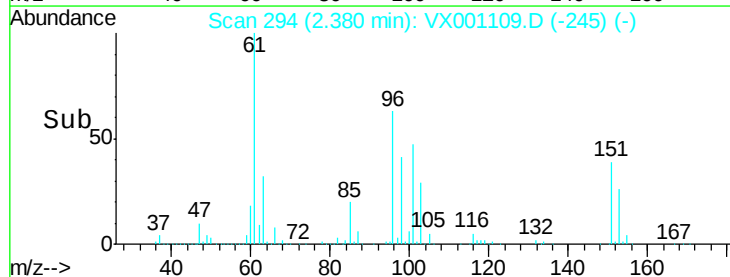
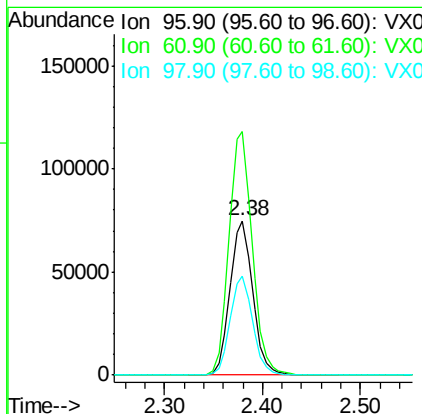
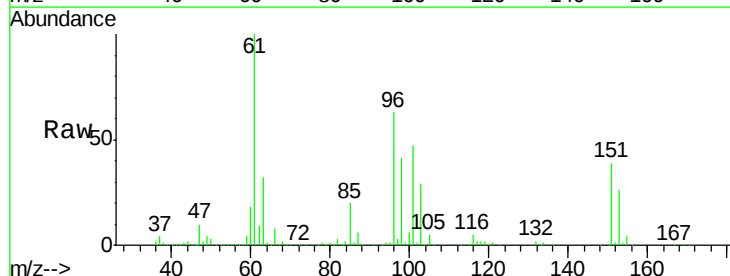
Sohil
 4/26/2018 4:06:34 AM

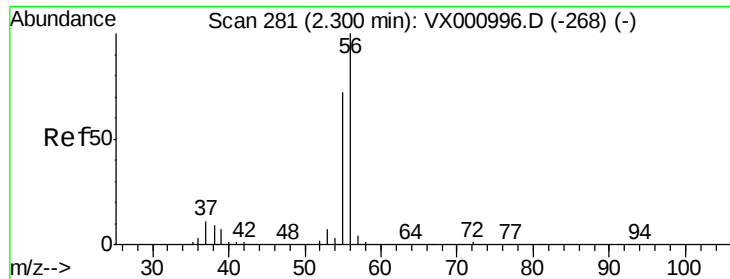


#12

1,1-Dichloroethene
 Concen: 50.77 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.5	126.4	189.6
98	63.9	52.6	78.8





#13

Acrolein

Concen: 457.18 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion: 56 Resp: 67848

Ion Ratio Lower Upper

56 100

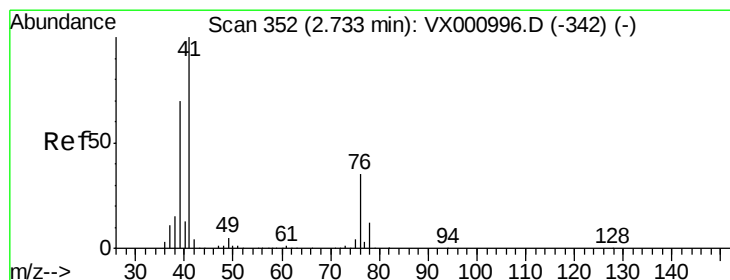
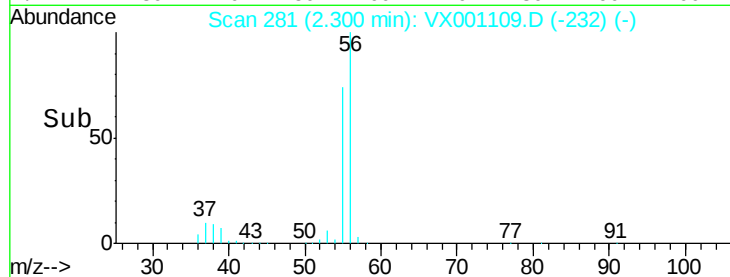
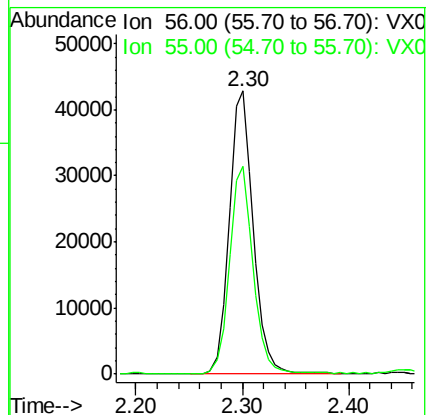
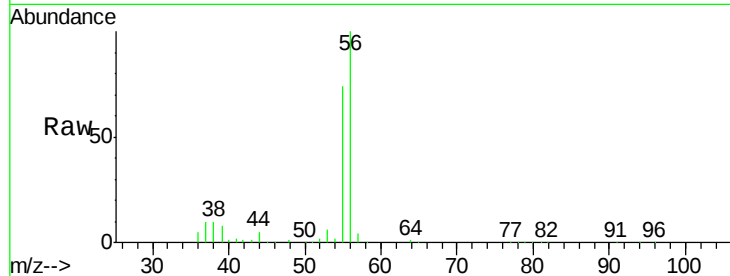
55 71.8 57.4 86.2

Manual Integrations

APPROVED

Sohil

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#14

Allyl chloride

Concen: 48.00 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

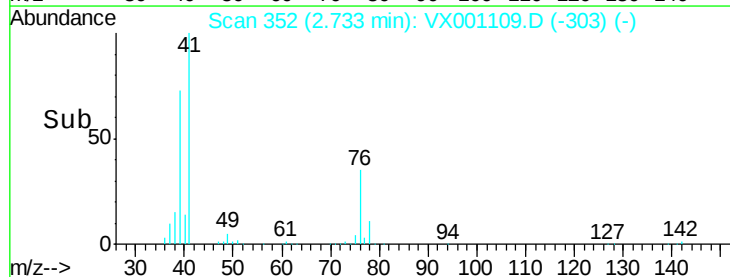
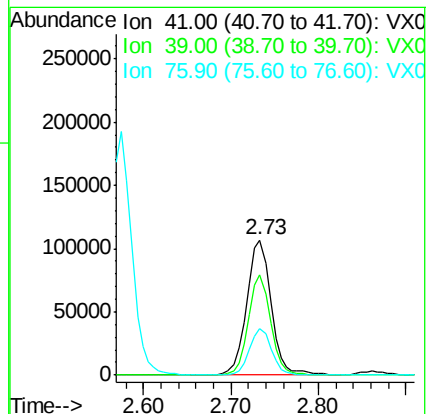
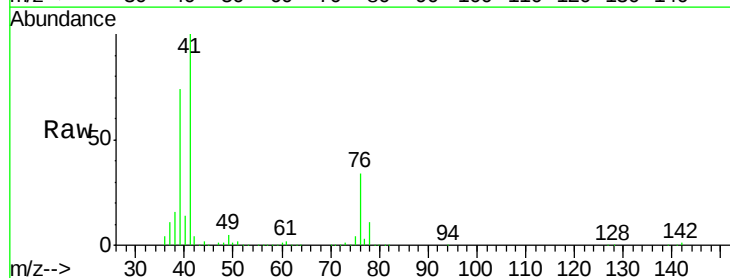
Tgt Ion: 41 Resp: 206627

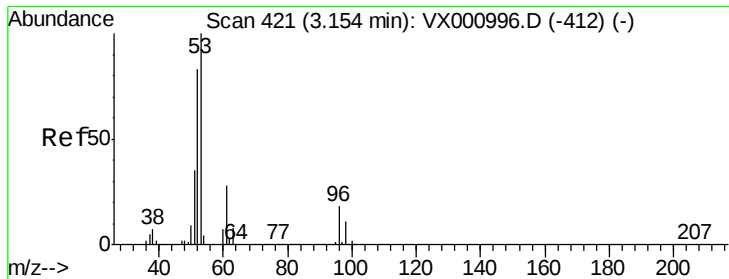
Ion Ratio Lower Upper

41 100

39 67.2 53.0 79.6

76 31.3 25.9 38.9





#15

Acrylonitrile

Concen: 290.55 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

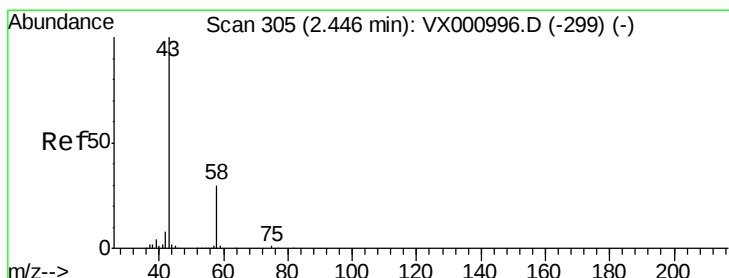
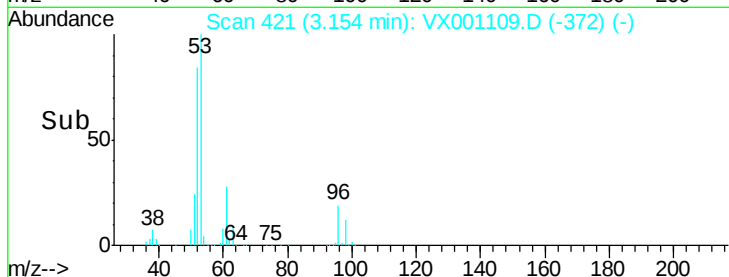
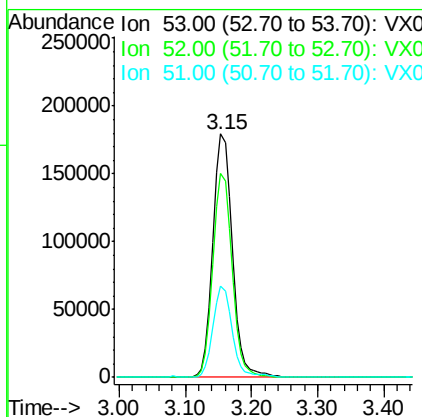
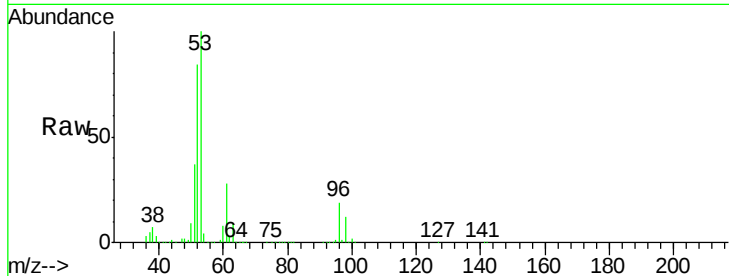
ClientSampleId :

LF015MW001-180416MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		366975		
52	82.5	66.4	99.6		
51	36.8	29.0	43.6		

Manual Integrations
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#16

Acetone

Concen: 282.05 ug/l

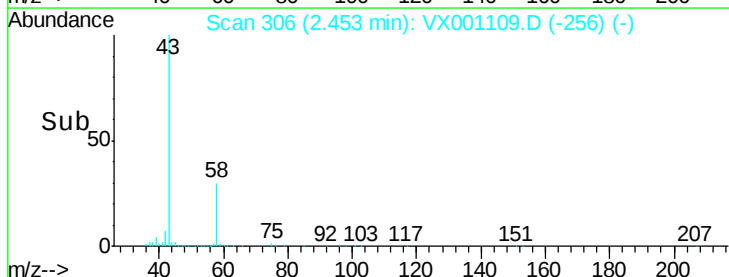
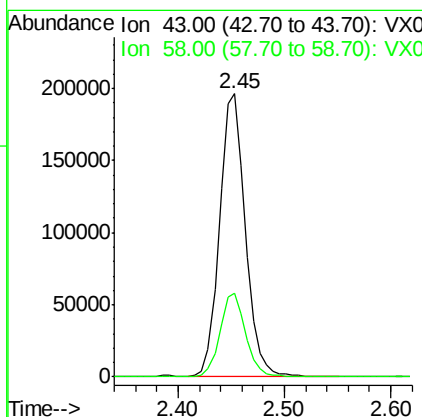
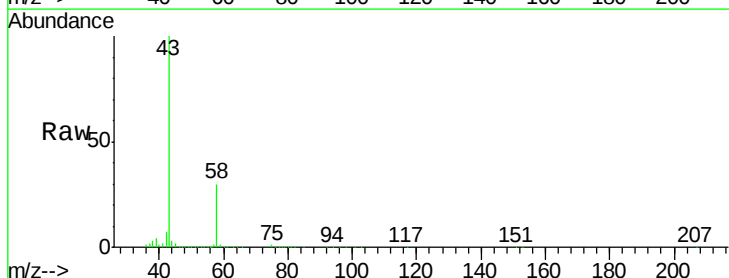
RT: 2.45 min Scan# 306

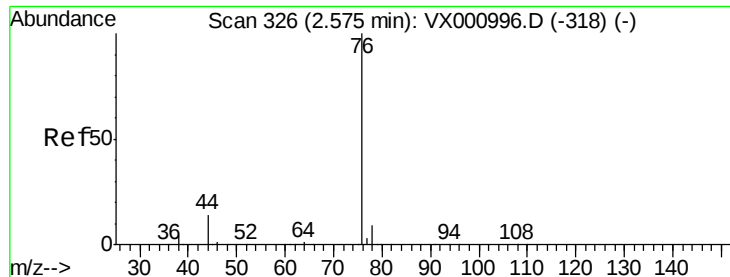
Delta R.T. 0.01 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		328657		
58	29.6	23.7	35.5		





#17

Carbon Disulfide

Concen: 46.84 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion: 76 Resp: 317491

Ion Ratio Lower Upper

76 100

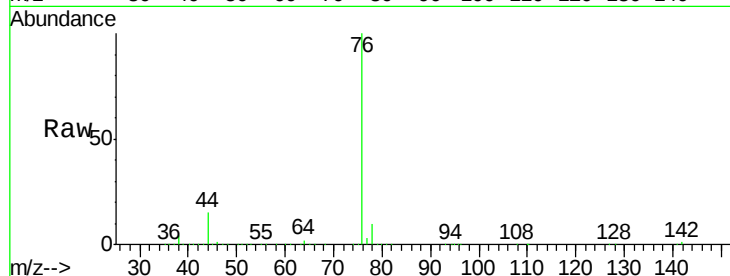
78 9.7 7.3 10.9

Manual Integrations

APPROVED

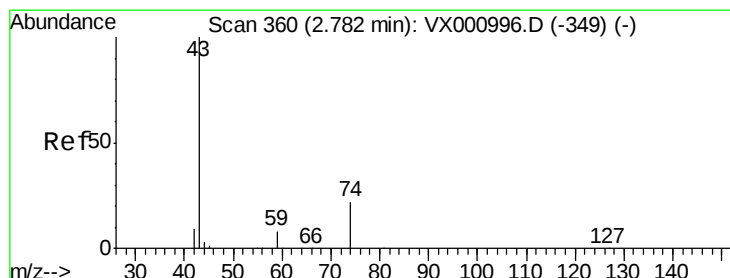
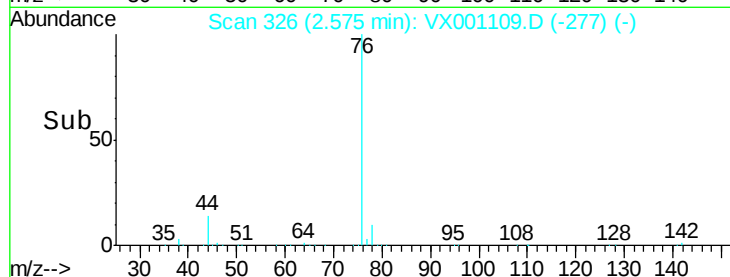
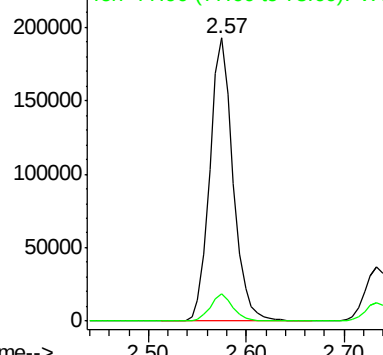
Sohil

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 67.94 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001109.D

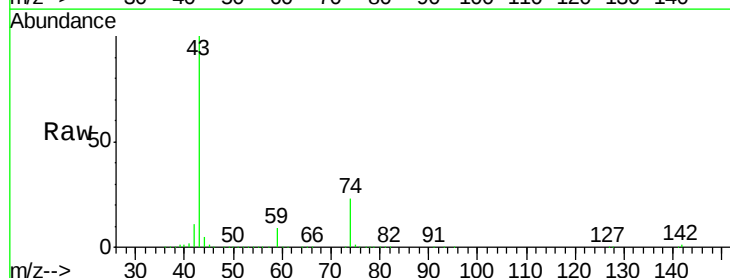
Acq: 25 Apr 2018 05:58

Tgt Ion: 43 Resp: 239553

Ion Ratio Lower Upper

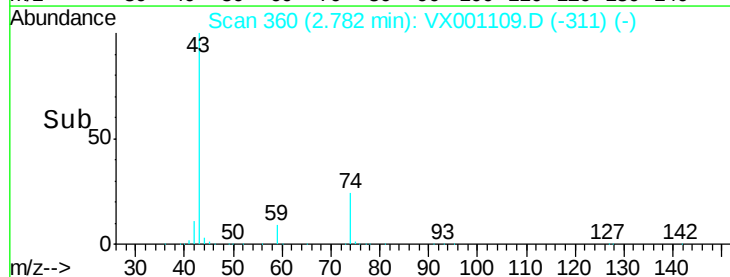
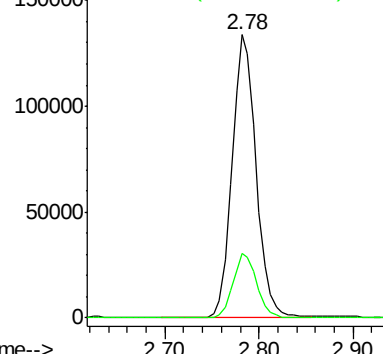
43 100

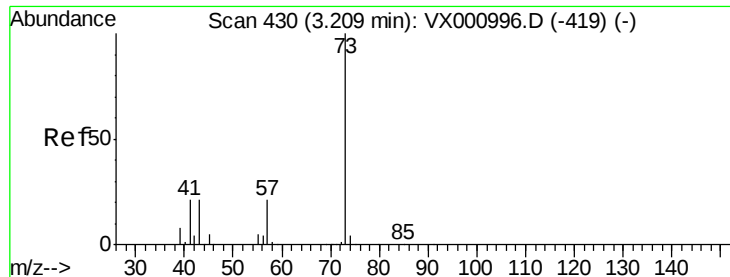
74 22.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

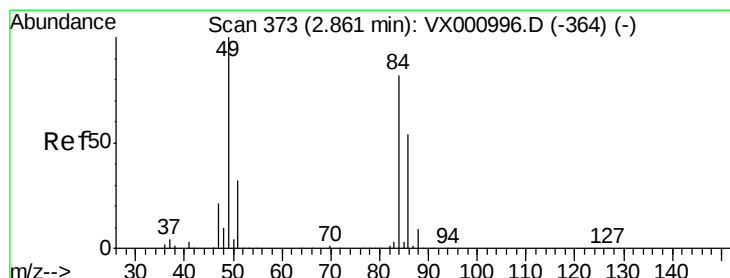
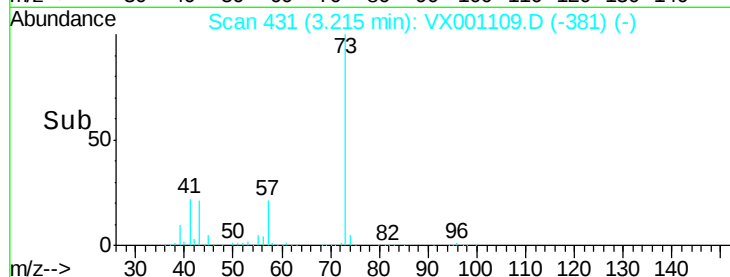
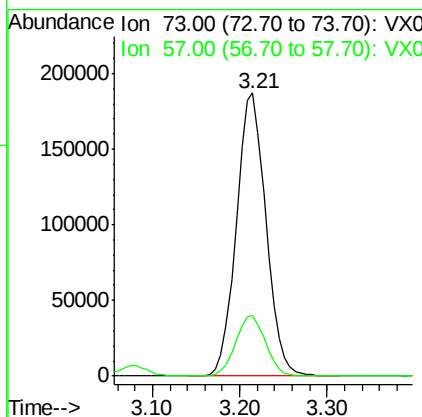
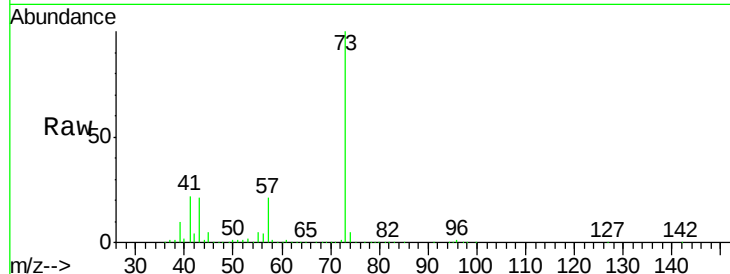
Methyl tert-butyl Ether
 Concen: 55.04 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.1	25.7

Manual Integrations
 APPROVED

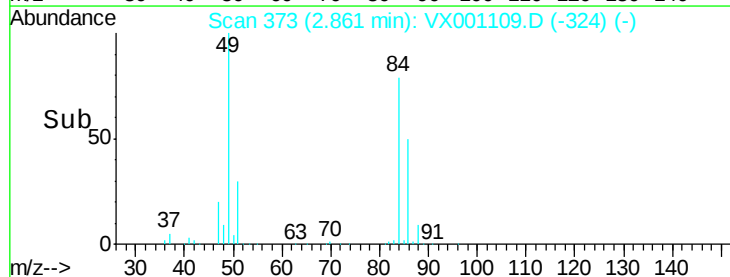
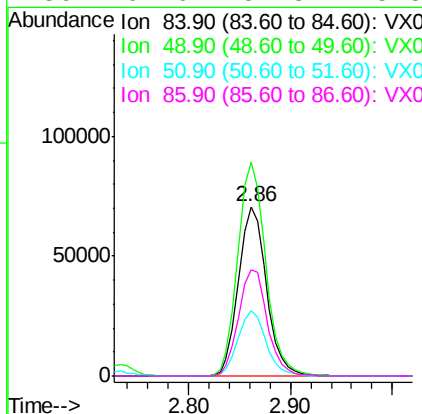
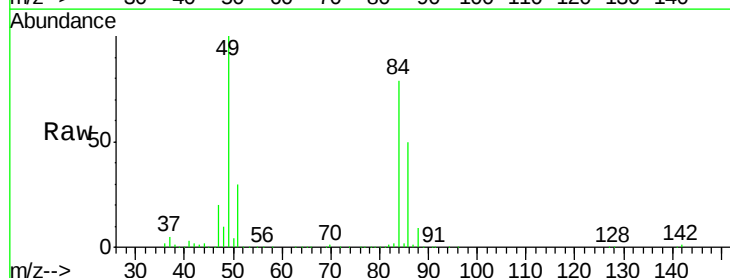
Sohil
 4/26/2018 4:06:34 AM

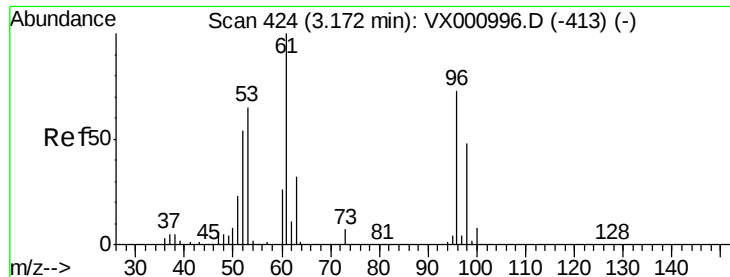


#20

Methylene Chloride
 Concen: 54.97 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	97.1	145.7
51	38.2	30.8	46.2
86	62.6	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 50.70 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

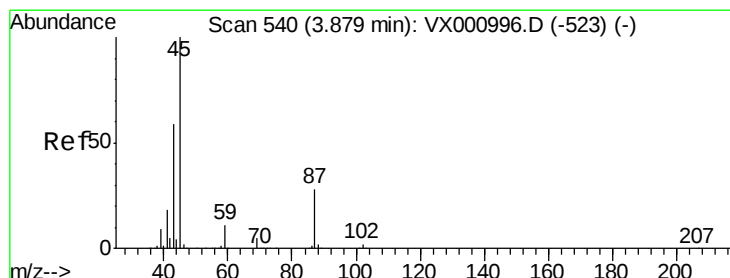
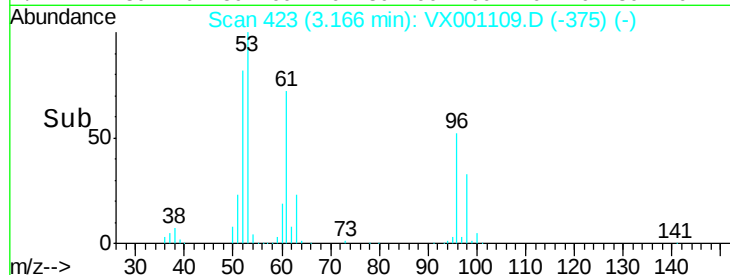
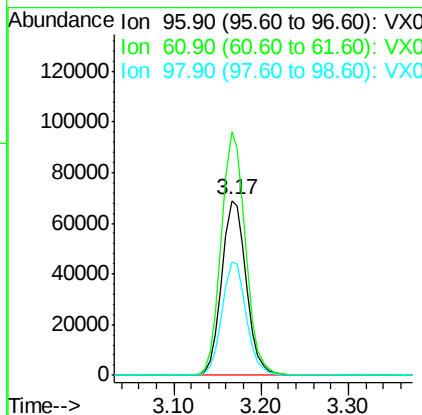
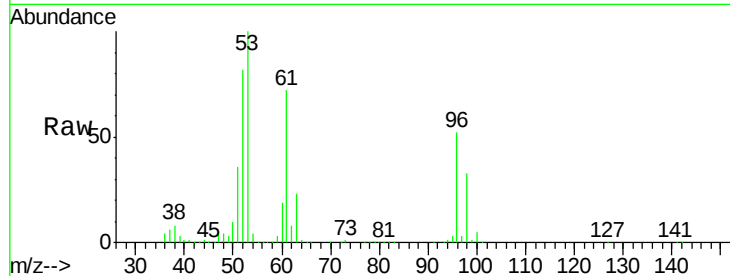
ClientSampleId :

LF015MW001-180416MS

Tot Ion:	96	Resp:	134255
Ion	Ratio	Lower	Upper
96	100		
61	139.2	109.4	164.2
98	64.5	52.6	78.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.96 ug/l

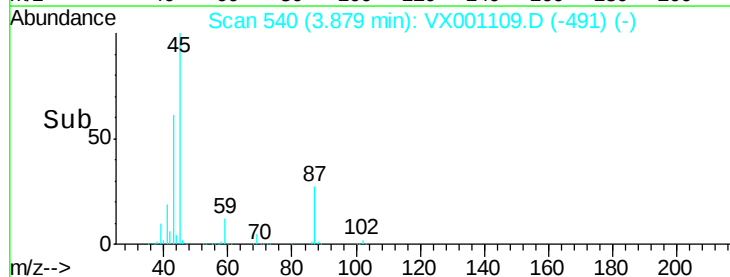
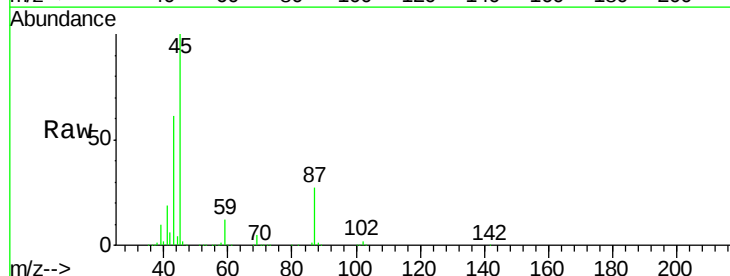
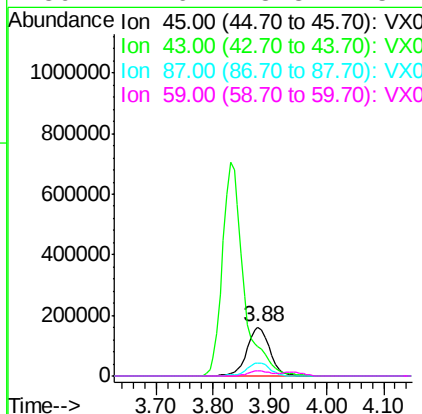
RT: 3.88 min Scan# 540

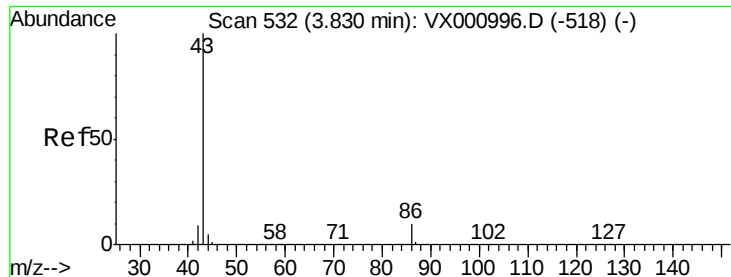
Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion:	45	Resp:	449637
Ion	Ratio	Lower	Upper
45	100		
43	61.3	47.0	70.4
87	26.8	22.5	33.7
59	11.6	8.8	13.2





#23

Vinyl Acetate

Concen: 265.33 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tot Ion: 43 Resp: 1830377

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1

Instrument :

MSVOA_X

ClientSampleId :

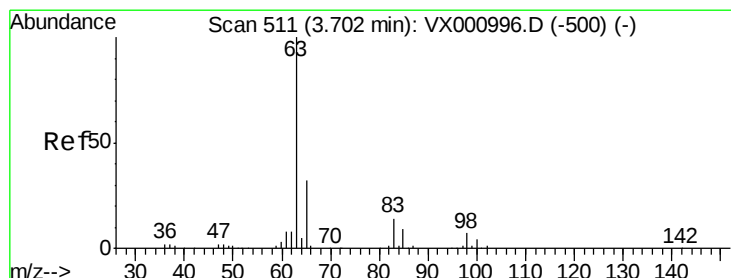
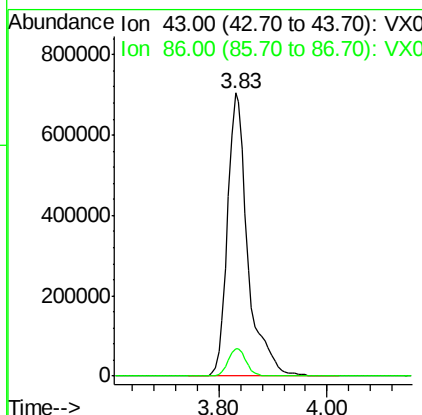
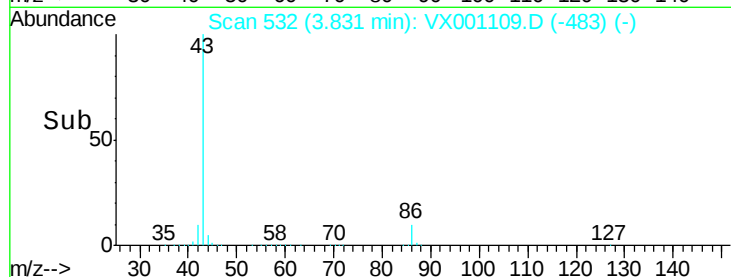
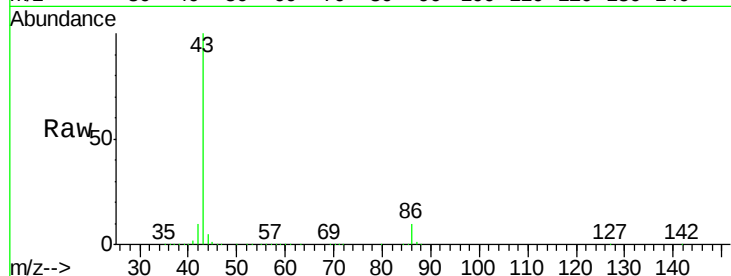
LF015MW001-180416MS

Manual Integrations

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Sohil

4/26/2018 4:06:34 AM



#24

1,1-Dichloroethane

Concen: 50.70 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

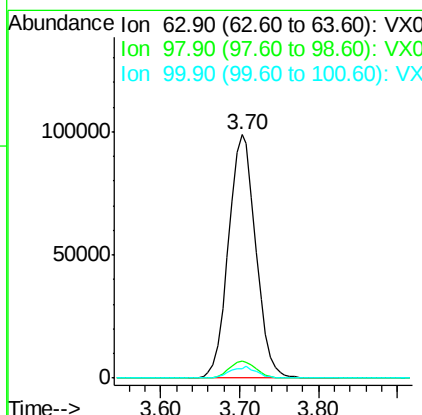
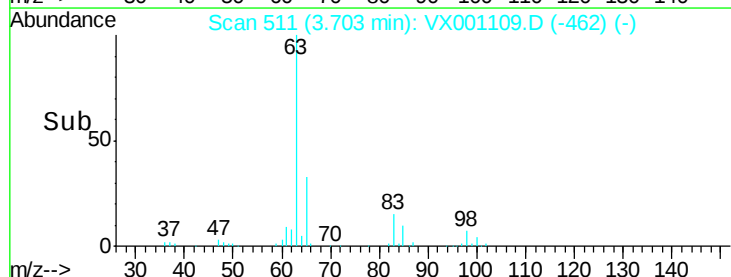
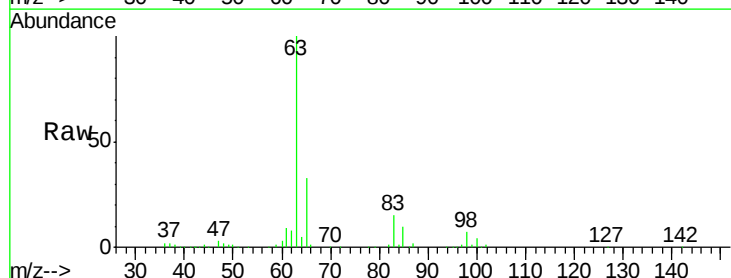
Tgt Ion: 63 Resp: 236980

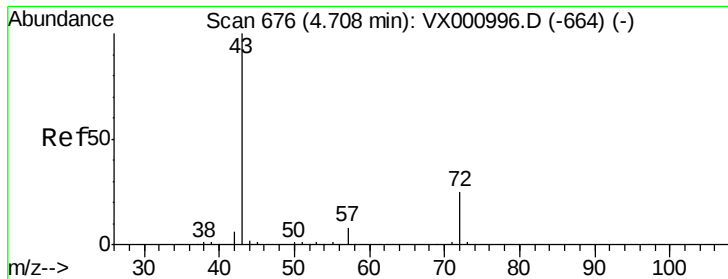
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 285.03 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion: 43 Resp: 518478

Ion Ratio Lower Upper

43 100

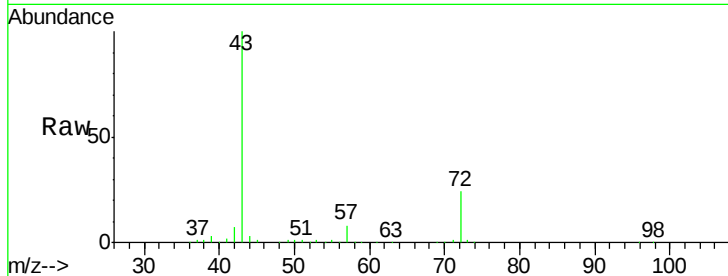
72 24.3 19.9 29.9

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:34 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

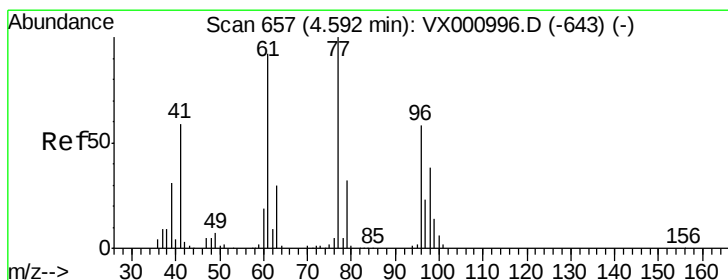
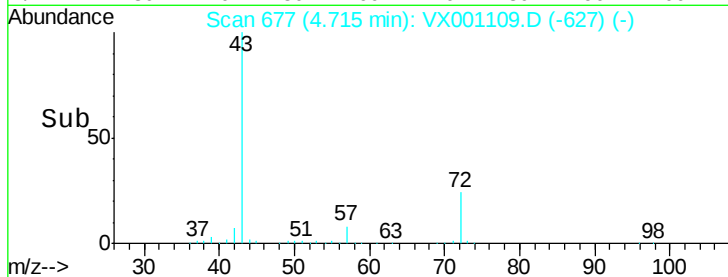
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.77 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001109.D

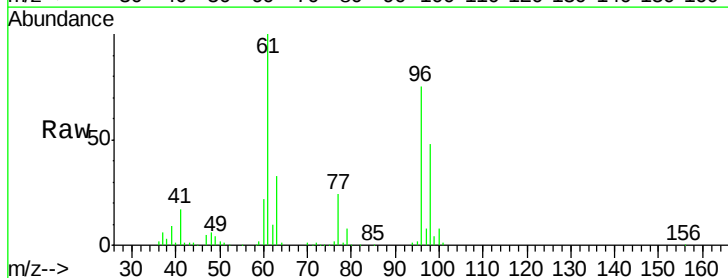
Acq: 25 Apr 2018 05:58

Tgt Ion: 77 Resp: 75459

Ion Ratio Lower Upper

77 100

97 34.5 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

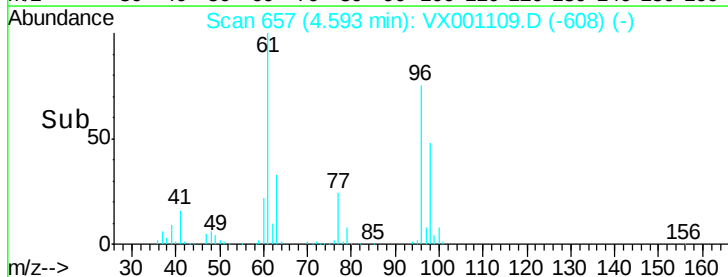
10000

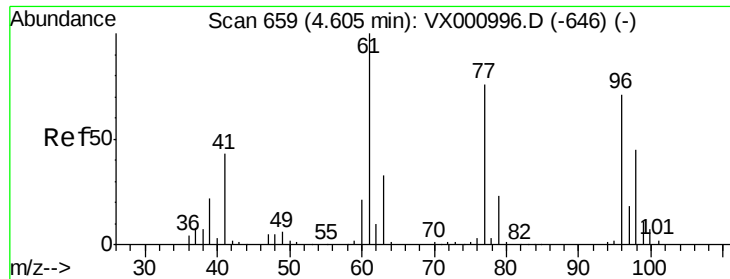
5000

0

4.40 4.50 4.60 4.70

Time-->





#27

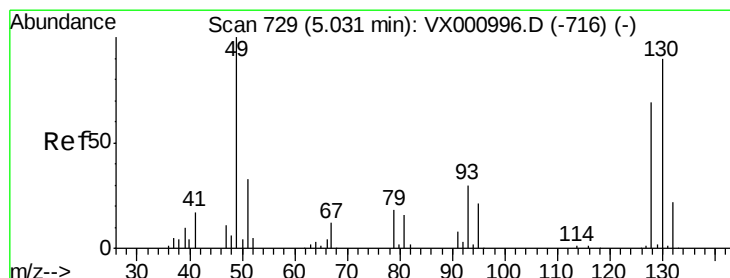
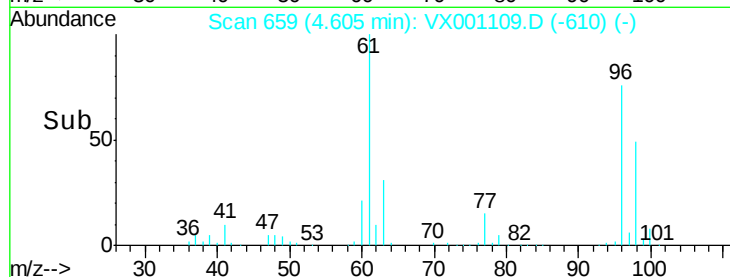
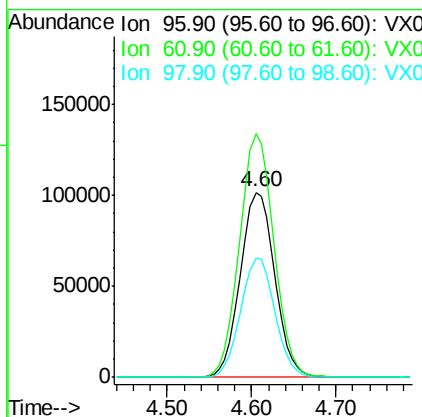
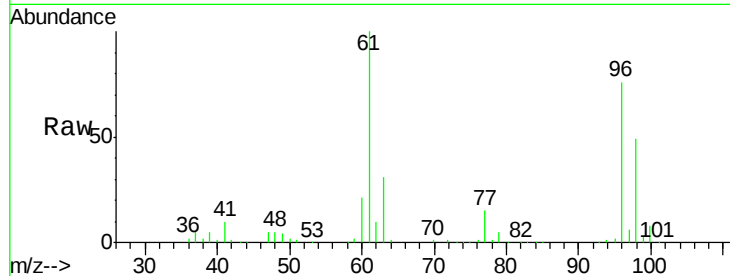
cis-1,2-Dichloroethene
Concen: 95.50 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	281661		
61	131.6	0.0	297.0	
98	64.4	0.0	130.0	

Manual Integrations
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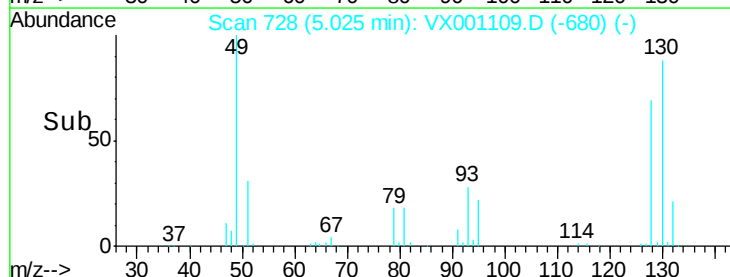
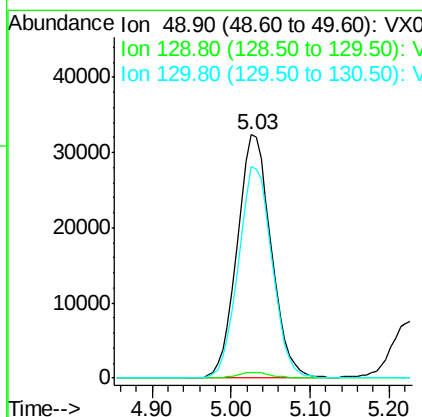
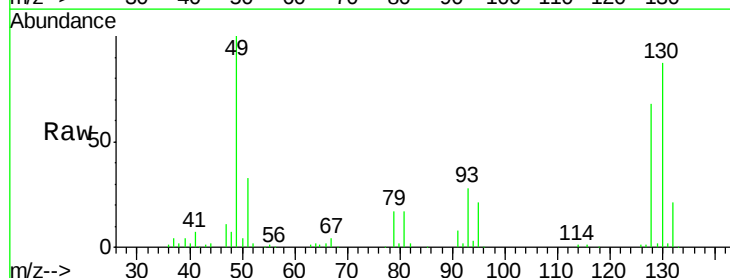
Sohil
4/26/2018 4:06:34 AM

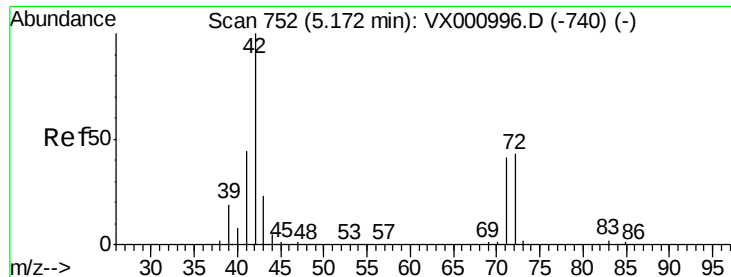


#28

Bromochloromethane
Concen: 54.11 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97251		
129	2.3	0.0	4.8	
130	86.1	70.6	105.8	





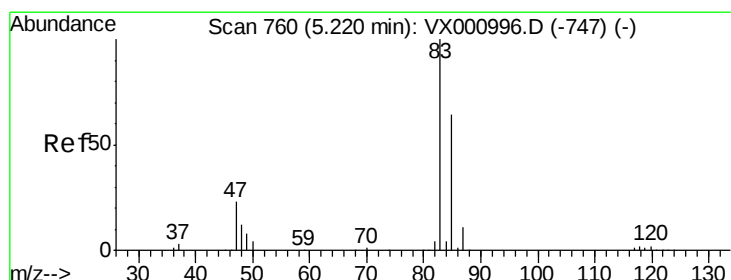
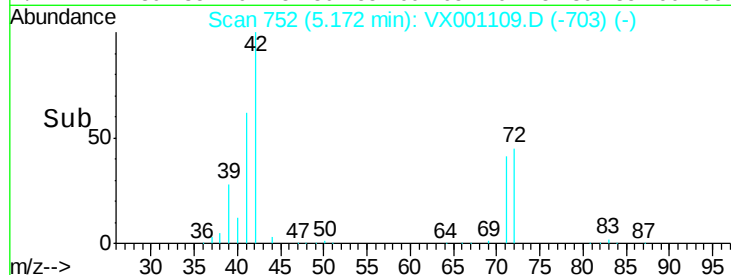
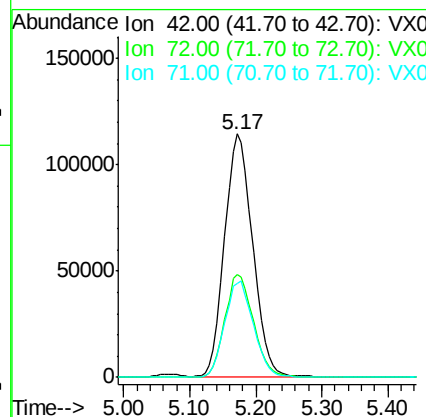
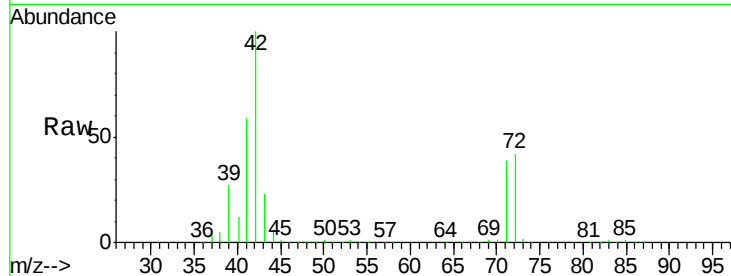
#29
Tetrahydrofuran
Concen: 293.06 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.6	52.0
71	40.5	32.6	49.0

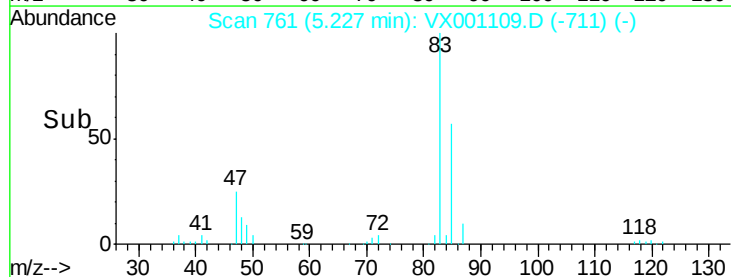
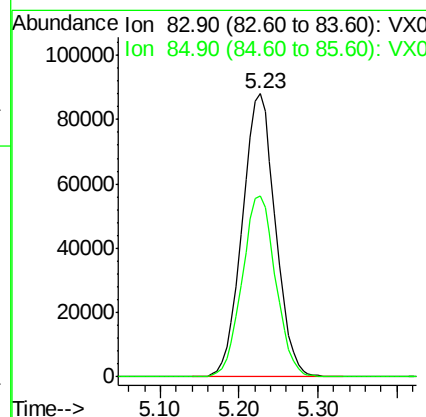
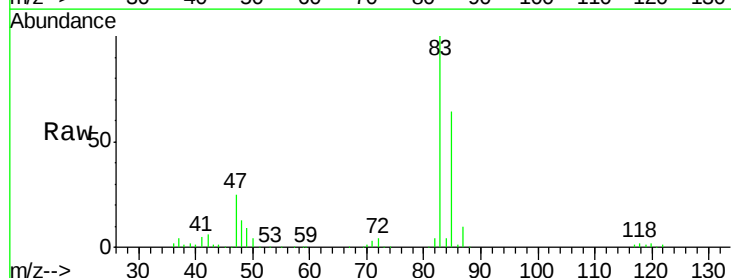
Manual Integrations
APPROVED

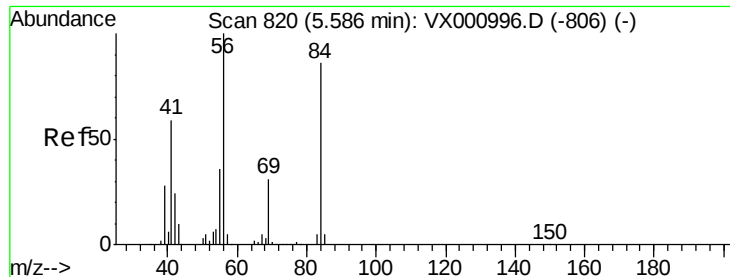
Sohil
4/26/2018 4:06:34 AM



#30
Chloroform
Concen: 53.10 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.3	76.9





#31

Cyclohexane

Concen: 47.73 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

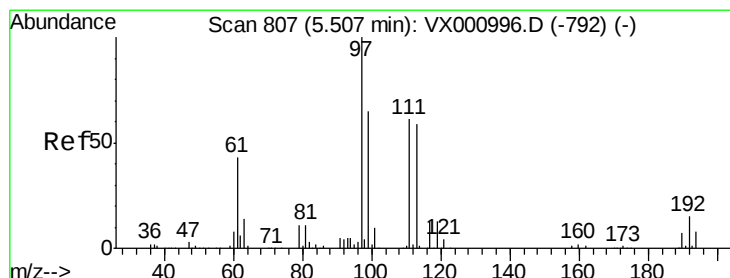
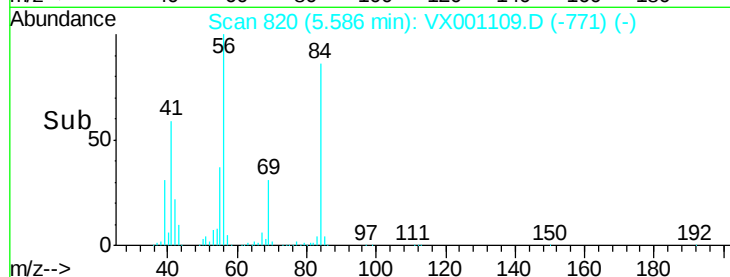
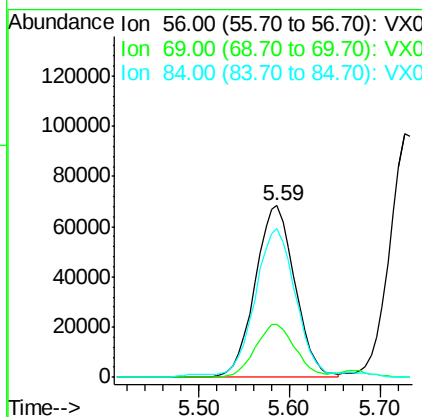
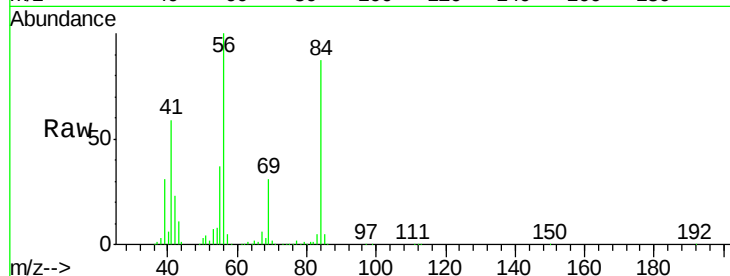
ClientSampleId :

LF015MW001-180416MS

Tot Ion:	56	Resp:	208209
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.6	36.8
84	85.2	69.0	103.6

Manual Integrations
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4/26/2018 4:06:34 AM



#32

1,1,1-Trichloroethane

Concen: 52.40 ug/l

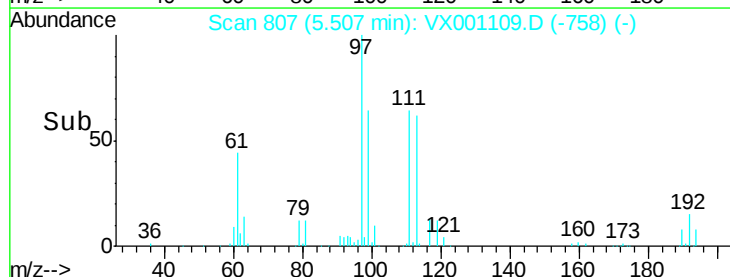
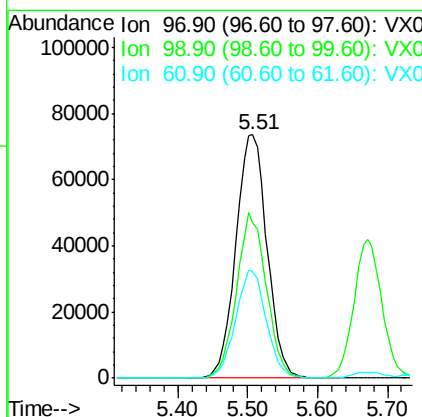
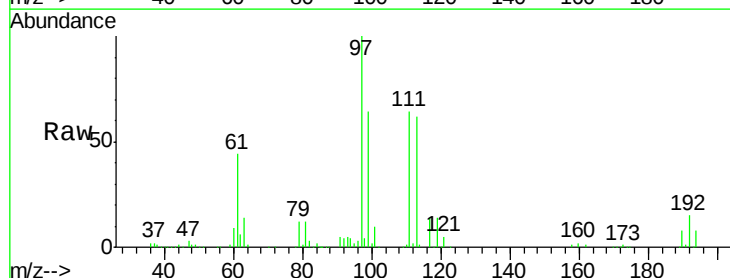
RT: 5.51 min Scan# 807

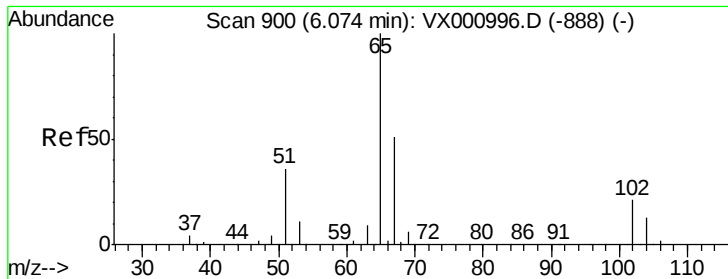
Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion:	97	Resp:	227417
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	43.5	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 51.87 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion: 65 Resp: 160501

Ion Ratio Lower Upper

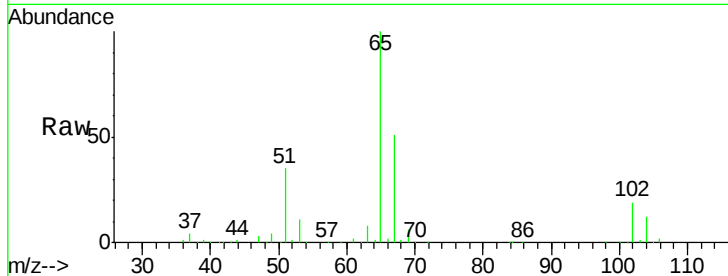
65 100

67 51.2 0.0 102.6

Manual Integrations
APPROVED

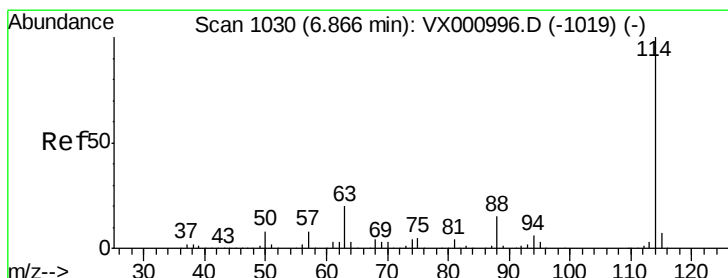
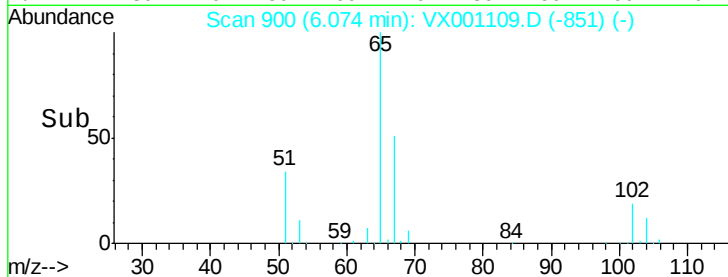
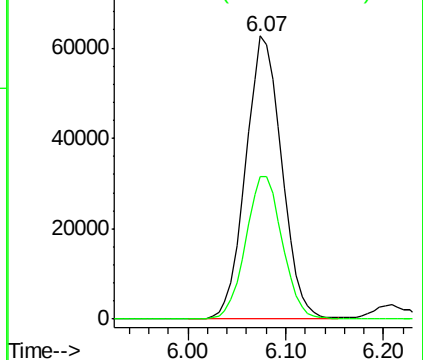
Sohil

4/26/2018 4:06:34 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

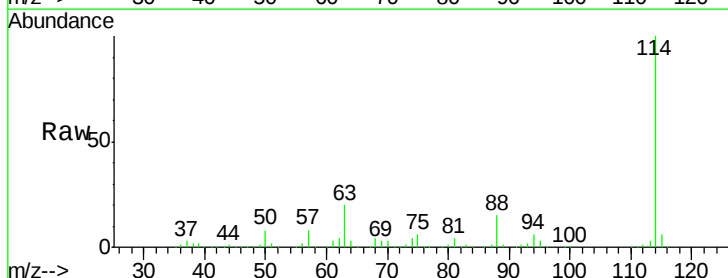
Tgt Ion: 114 Resp: 339561

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

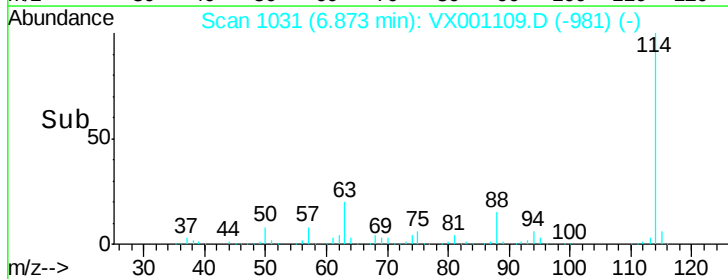
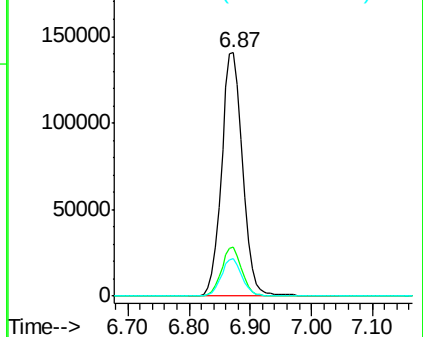
88 15.4 0.0 29.8

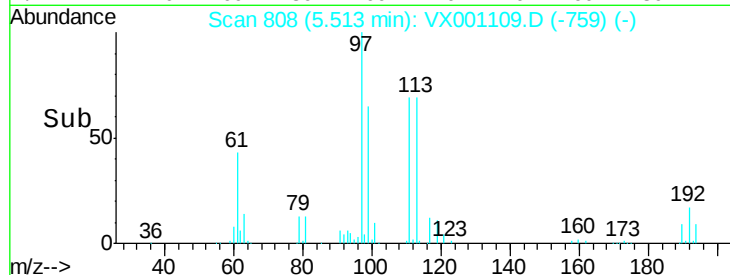
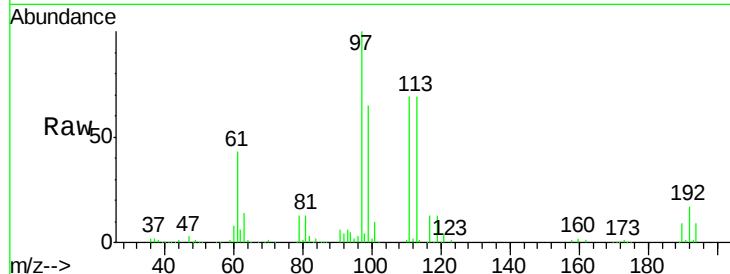
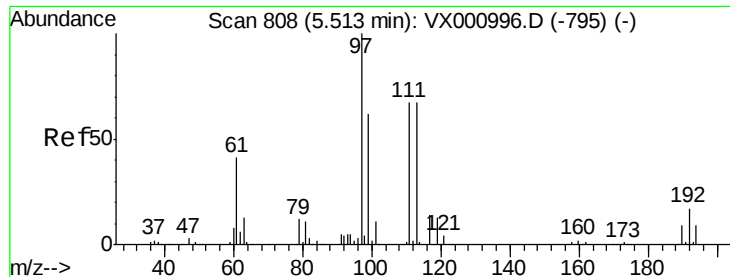


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





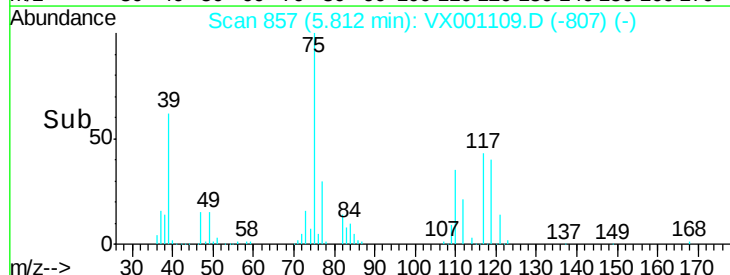
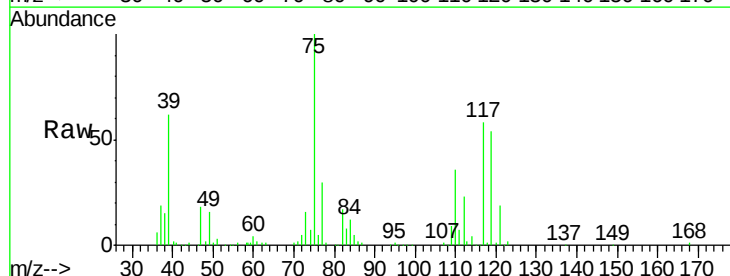
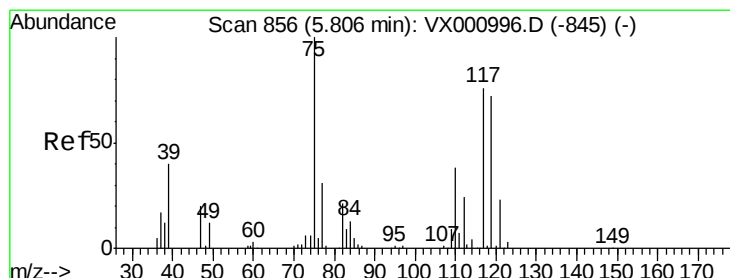
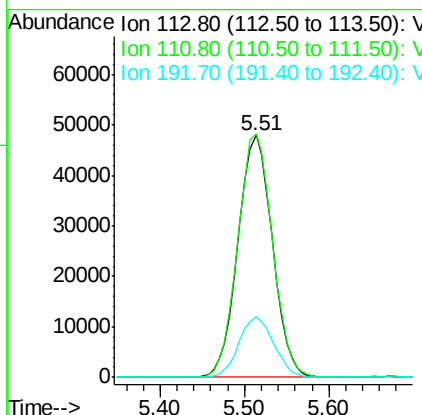
#35
Dibromofluoromethane
Concen: 51.23 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132653		
111	101.5	81.4	122.2	
192	25.3	20.4	30.6	

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MS

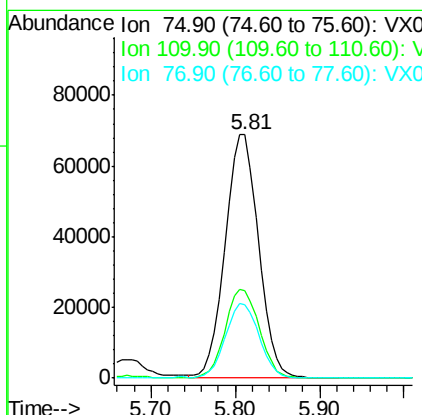
Manual Integrations
APPROVED

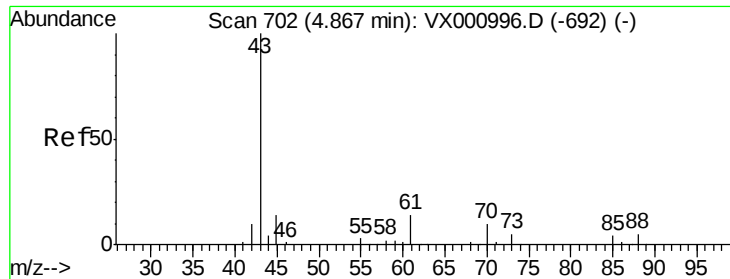
Sohil
4/26/2018 4:06:34 AM



#36
1,1-Dichloropropene
Concen: 46.37 ug/l
RT: 5.81 min Scan# 857
Delta R.T. 0.01 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	185036		
110	37.3	18.7	56.1	
77	30.9	25.0	37.4	





#37

Ethyl Acetate

Concen: 55.22 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

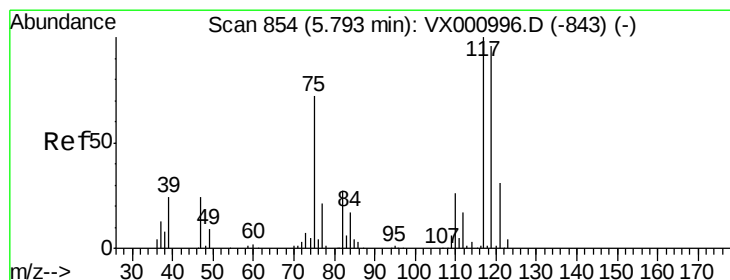
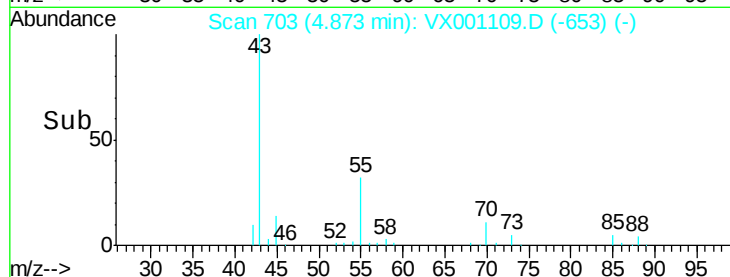
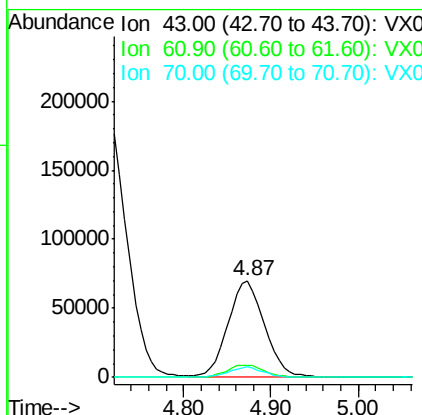
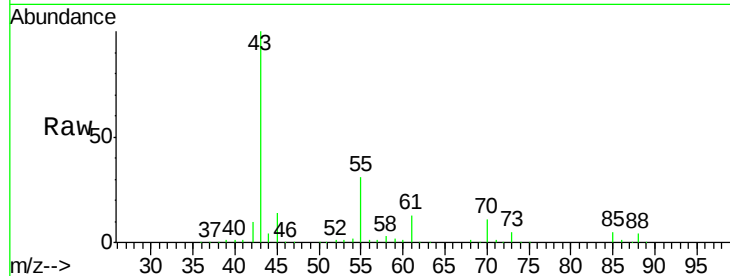
ClientSampleId :

LF015MW001-180416MS

Tot Ion:	43	Resp:	202110
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.1	8.3	12.5

Manual Integrations
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Sohil
4/26/2018 4:06:34 AM



#38

Carbon Tetrachloride

Concen: 49.81 ug/l

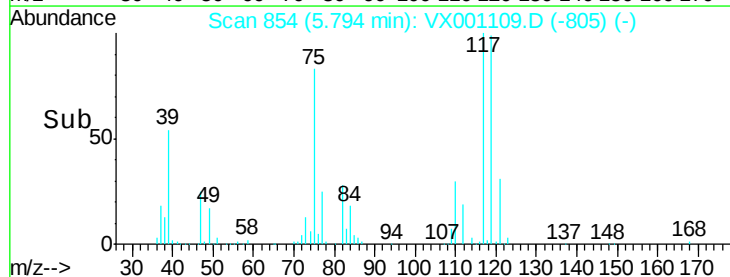
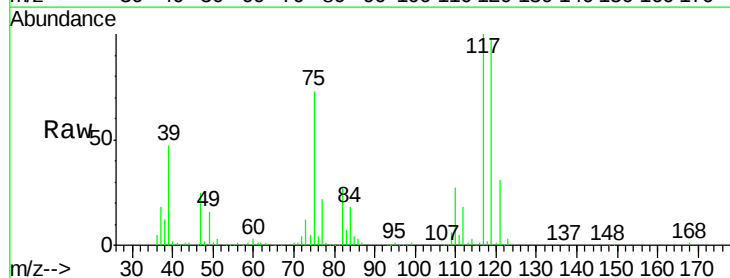
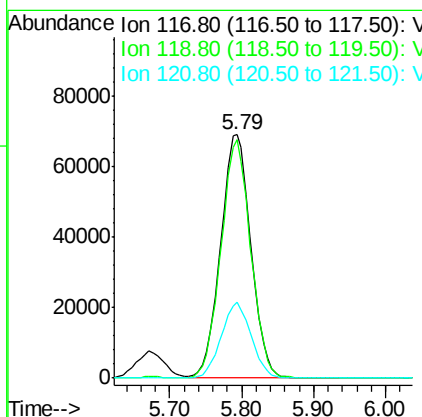
RT: 5.79 min Scan# 854

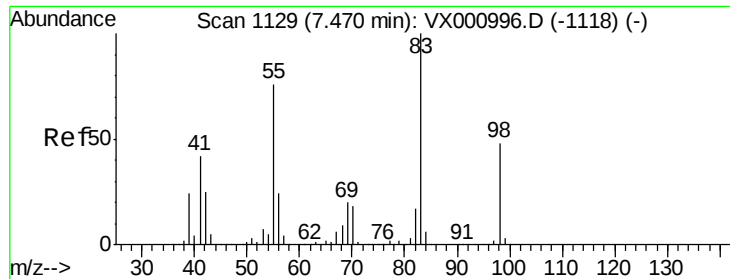
Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion:	117	Resp:	201255
Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.5	114.7
121	31.3	24.5	36.7





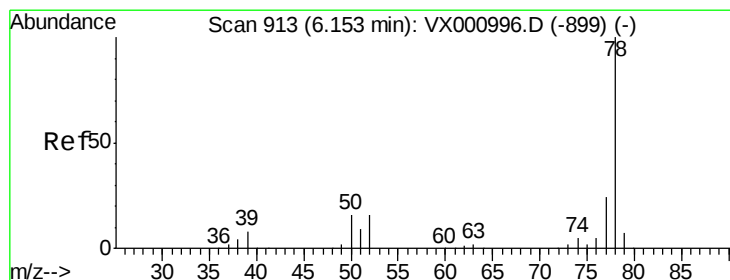
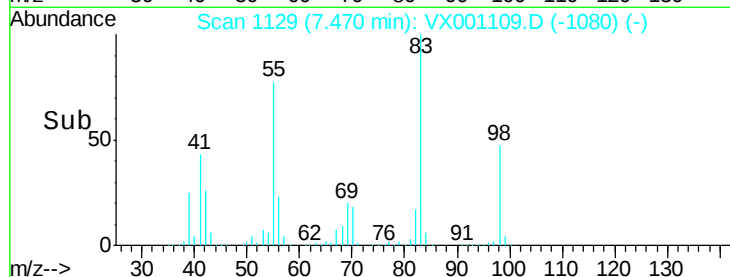
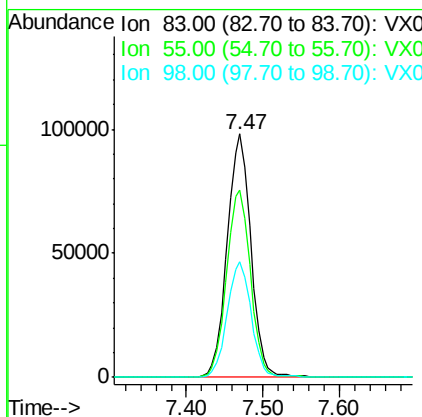
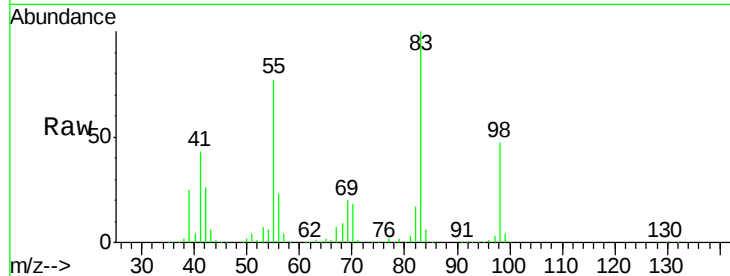
#39
Methylvlcyclohexane
Concen: 45.44 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MS

Tot Ion	83	Resp	211072
Ion Ratio	100	Lower	Upper
83	100		
55	76.7	60.6	91.0
98	47.4	38.2	57.4

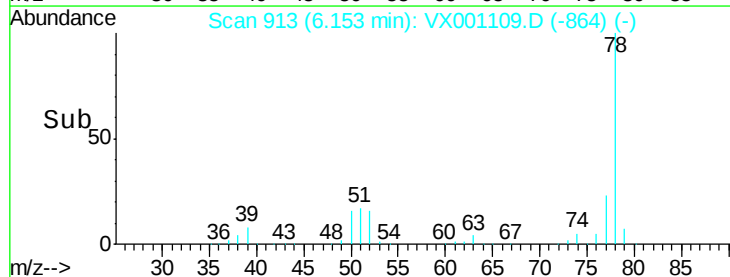
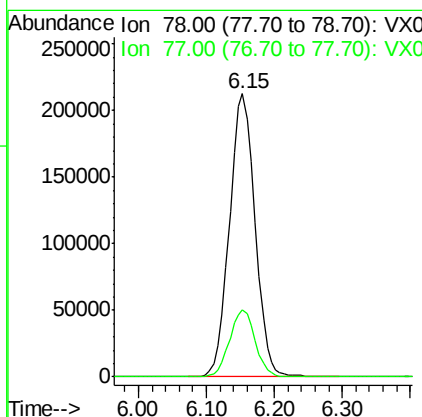
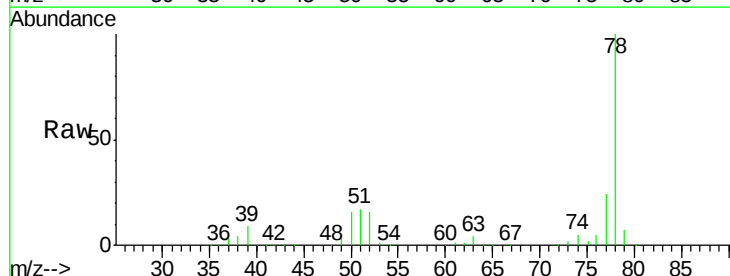
Manual Integrations
APPROVED

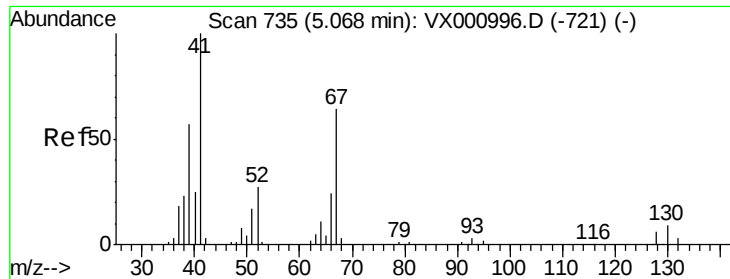
Sohil
4/26/2018 4:06:34 AM



#40
Benzene
Concen: 50.03 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Tgt Ion	78	Resp	554972
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	18.9	28.3





#41

Methacrylonitrile

Concen: 52.76 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

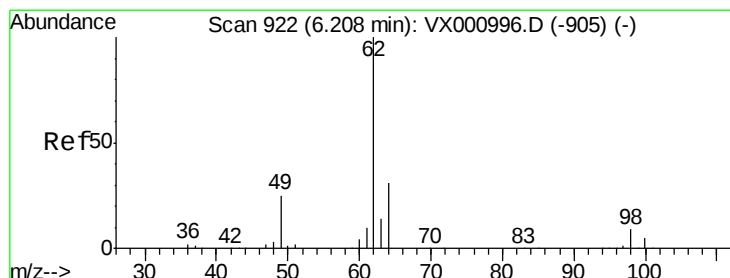
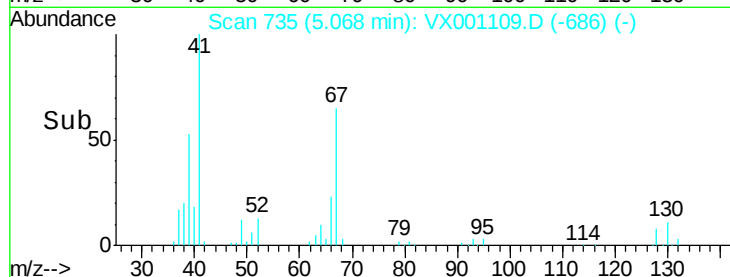
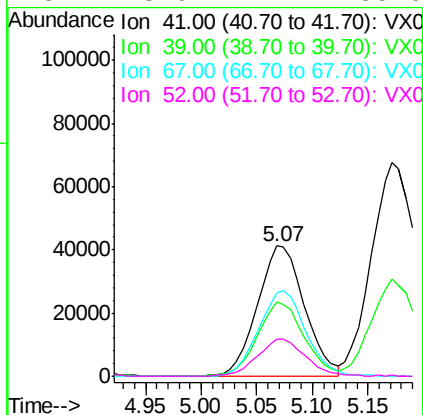
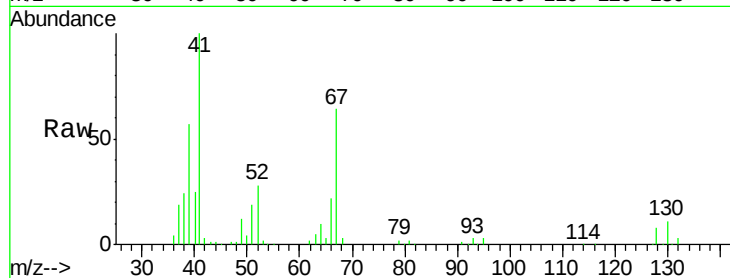
ClientSampleId :

LF015MW001-180416MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	45.2	67.8	
67	66.1	53.8	80.8	
52	28.9	22.4	33.6	

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:34 AM



#42

1,2-Dichloroethane

Concen: 51.62 ug/l

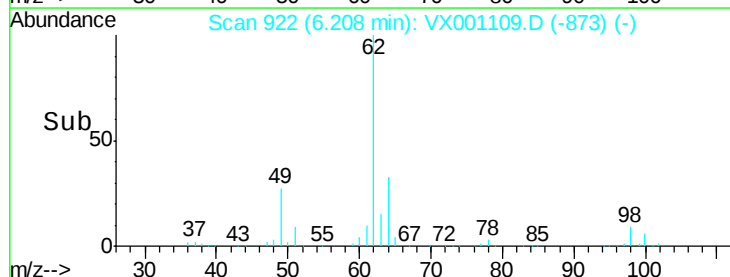
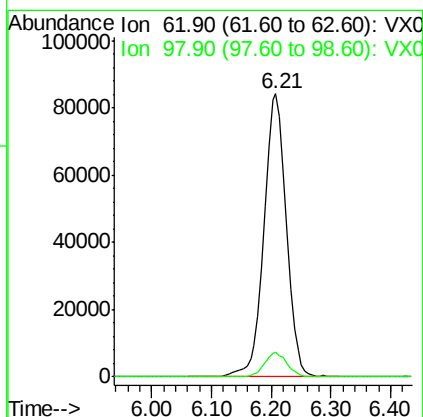
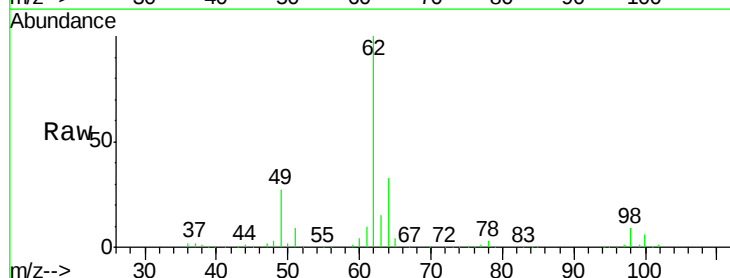
RT: 6.21 min Scan# 922

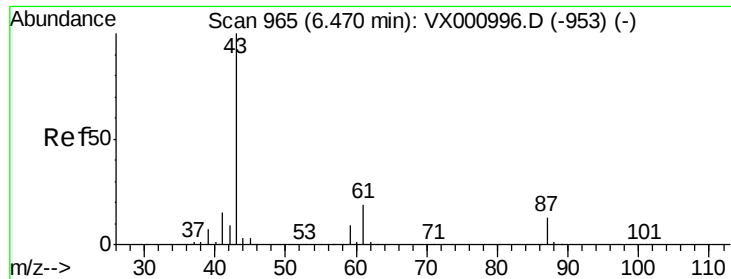
Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.6	





#43

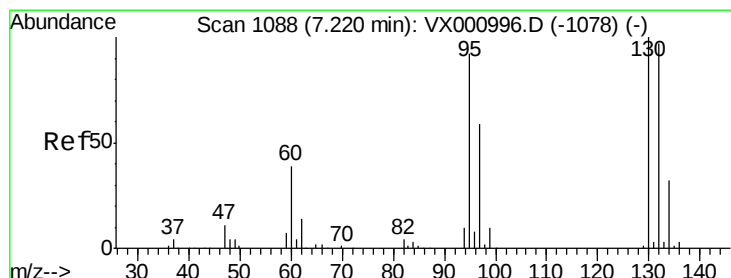
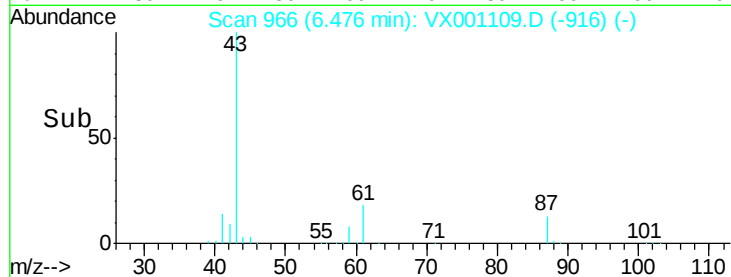
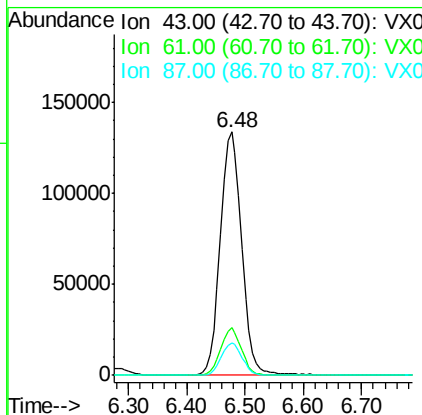
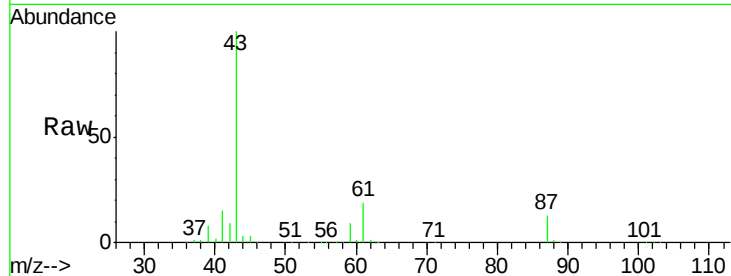
Isopropyl Acetate
 Concen: 54.17 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.2
87	13.2	10.6	15.8

Manual Integrations
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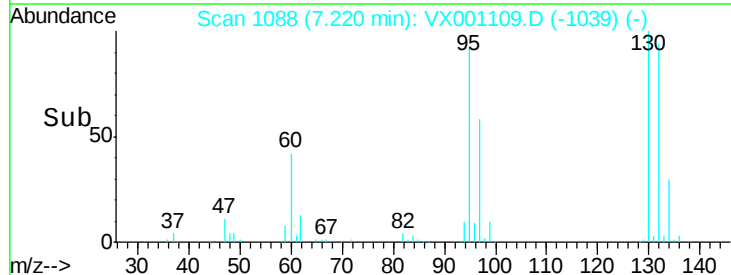
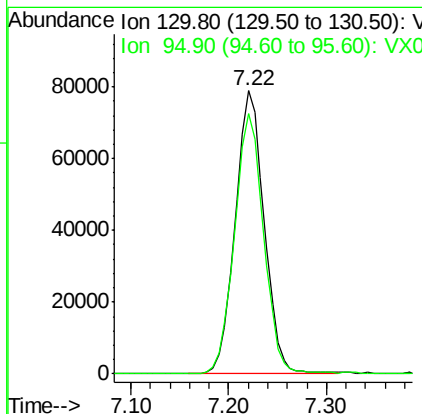
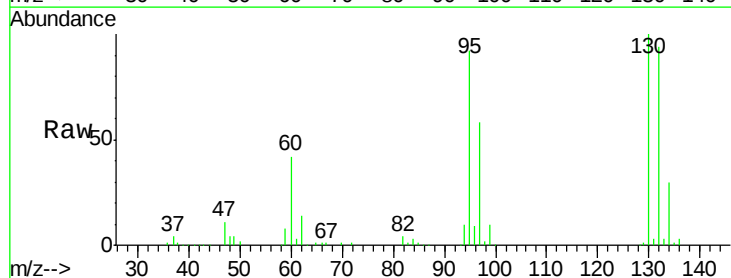
Sohil
 4/26/2018 4:06:34 AM

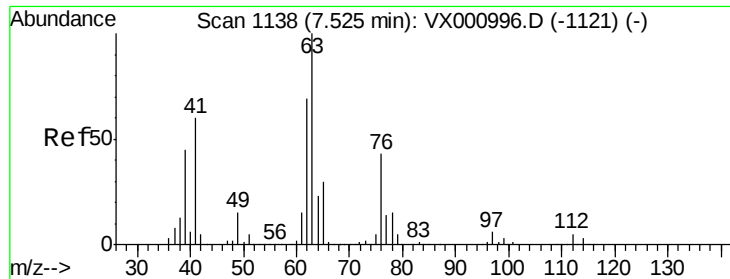


#44

Trichloroethene
 Concen: 47.94 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	184.2





#45

1,2-Dichloropropane

Concen: 51.47 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion: 63 Resp: 143570

Ion Ratio Lower Upper

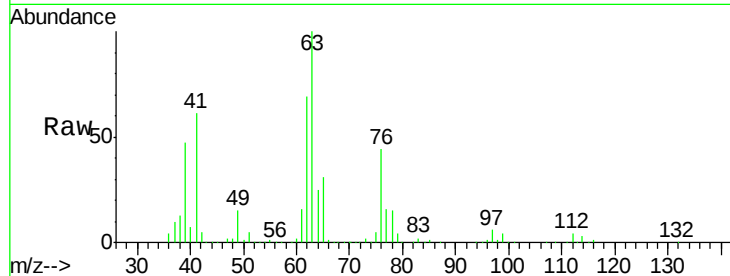
63 100

65 30.9 24.4 36.6

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

60000

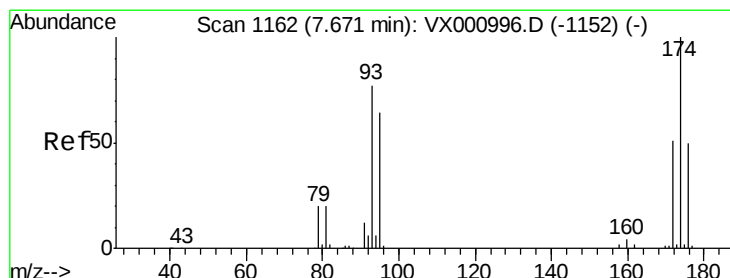
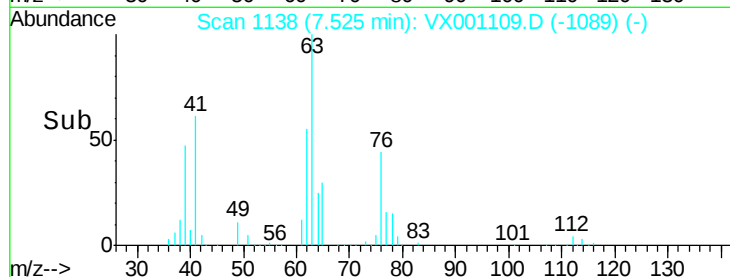
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 51.05 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

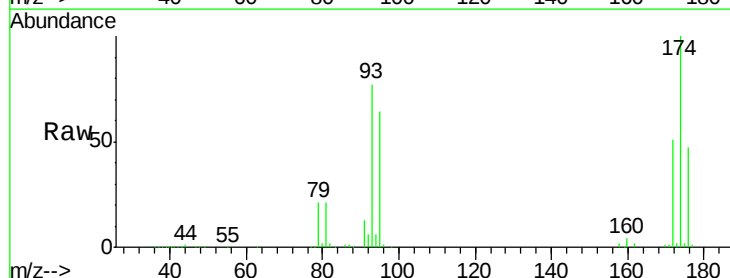
Tgt Ion: 93 Resp: 99500

Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

174 126.4 101.8 152.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

60000

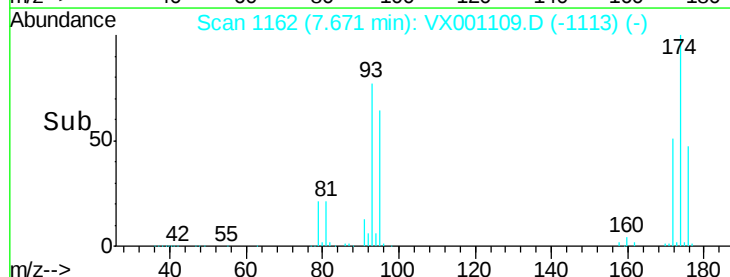
40000

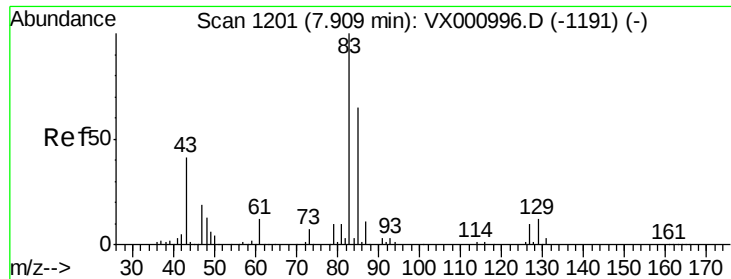
20000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 52.65 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

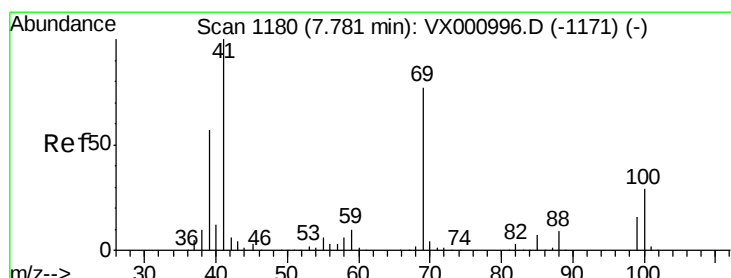
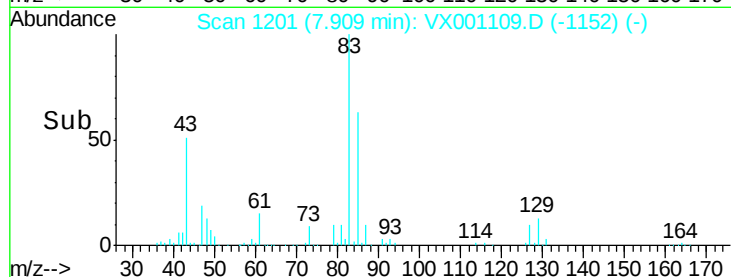
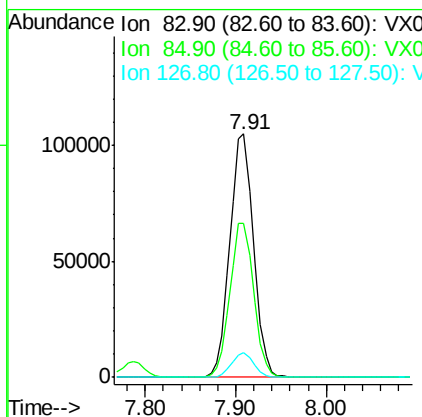
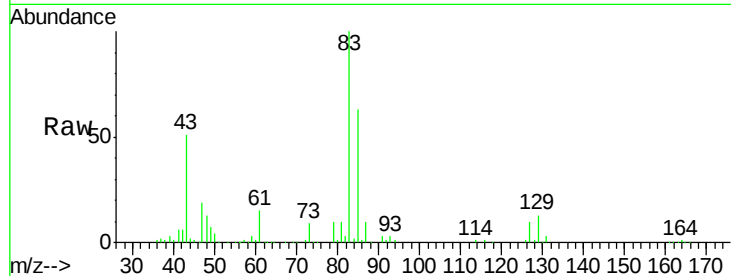
ClientSampleId :

LF015MW001-180416MS

Tot Ion:	83	Resp:	190118
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.3	78.5
127	9.9	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.07 ug/l

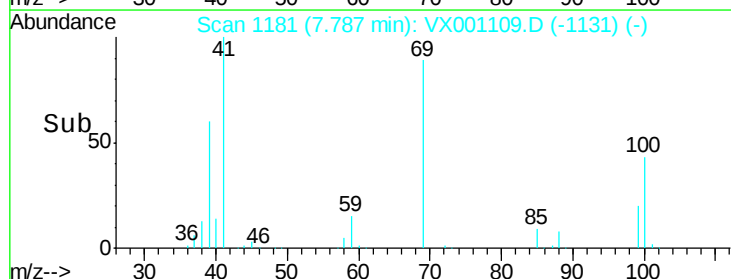
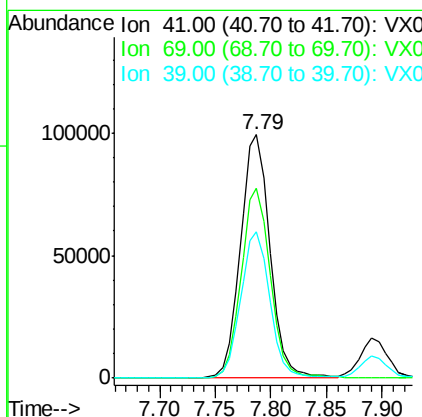
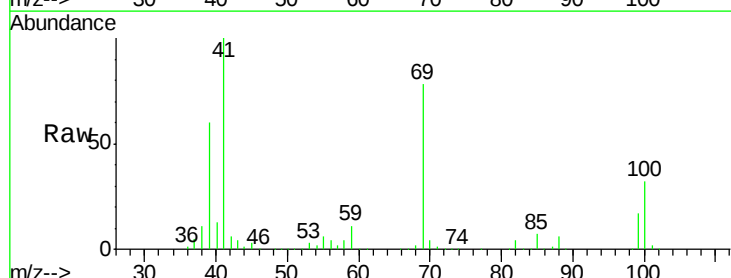
RT: 7.79 min Scan# 1181

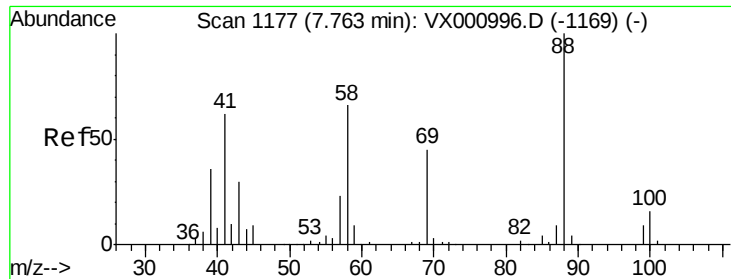
Delta R.T. 0.01 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion:	41	Resp:	182843
Ion	Ratio	Lower	Upper
41	100		
69	77.6	62.6	94.0
39	59.2	45.3	67.9





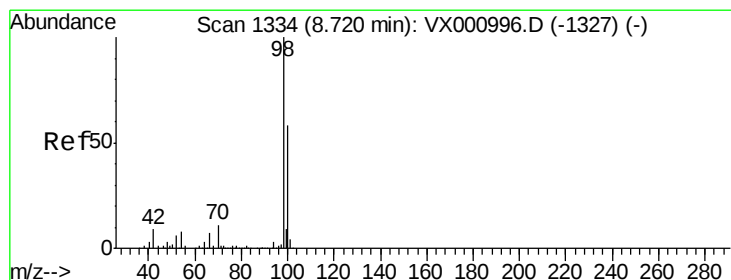
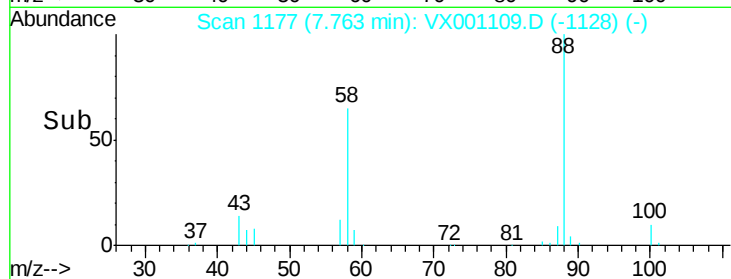
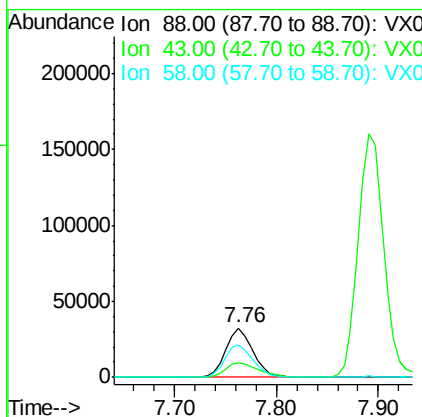
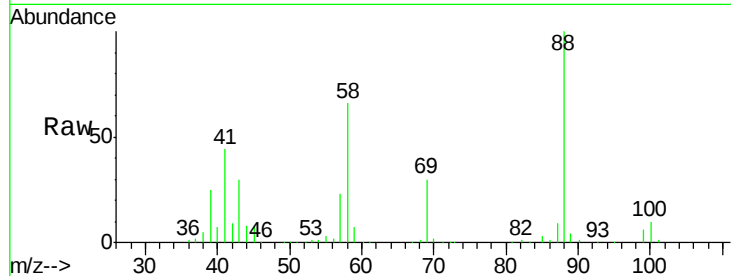
#49
 1,4-Dioxane
 Concen: 1194.95 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	29.2	43.8
58	70.1	55.0	82.6

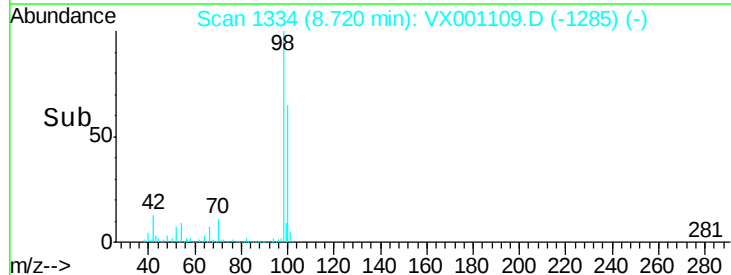
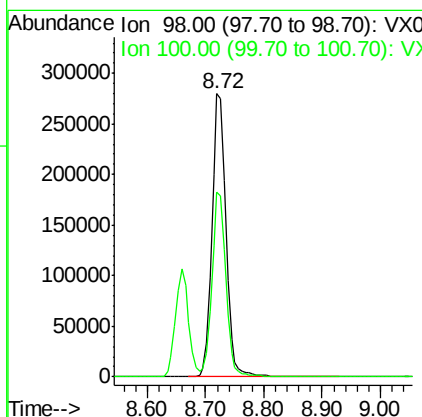
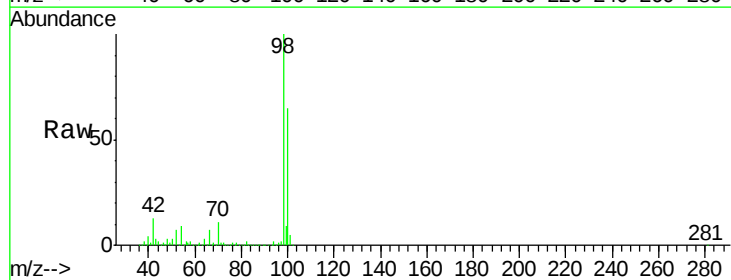
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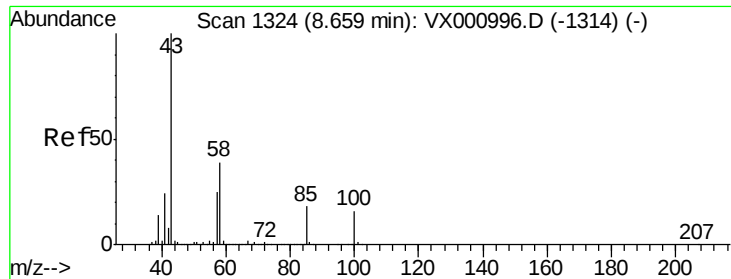
Sohil
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#50
 Toluene-d8
 Concen: 48.78 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9





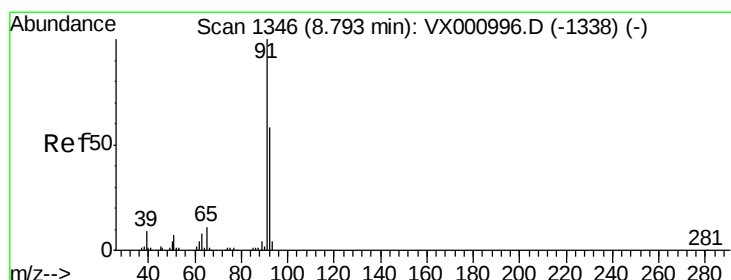
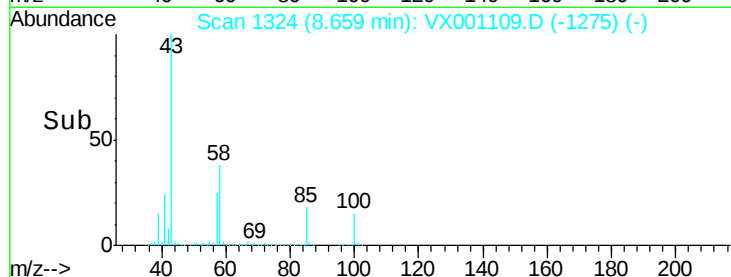
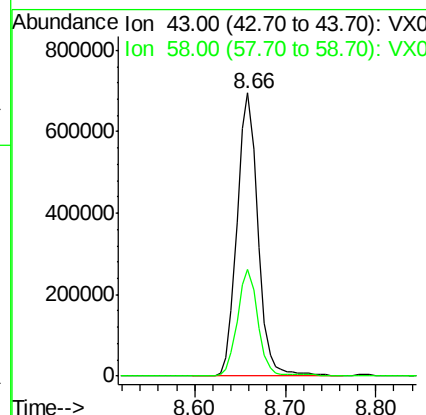
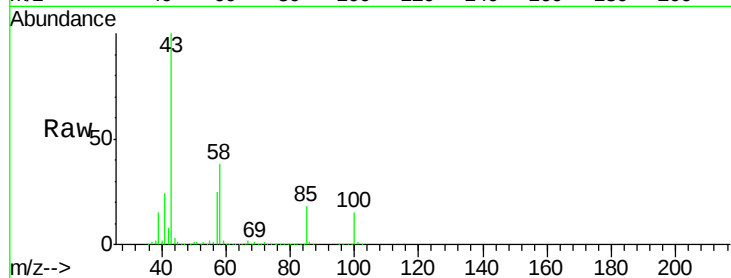
#51
 4-Methyl-2-Pentanone
 Concen: 292.42 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MS

Tot Ion: 43 Resp: 1114968
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.2 45.4

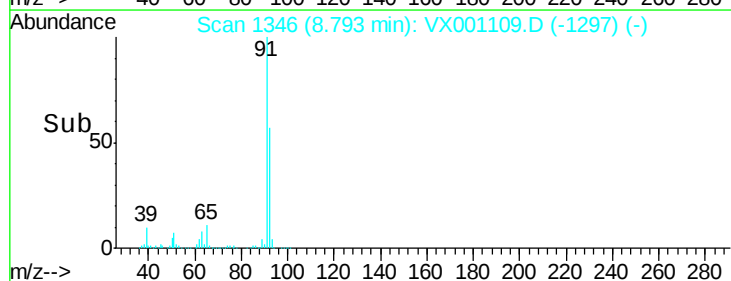
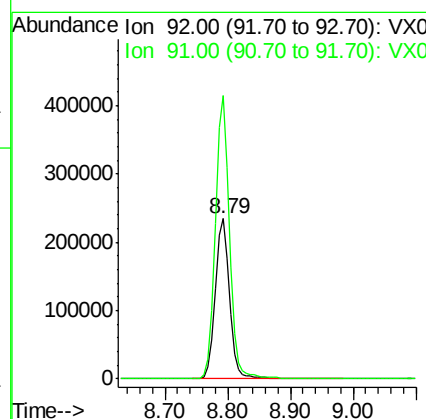
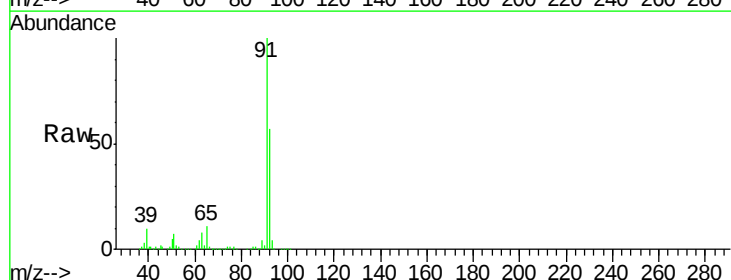
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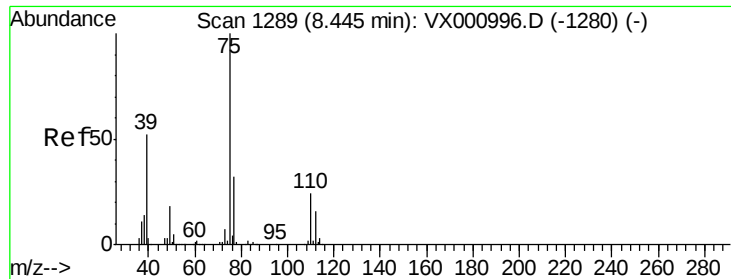
Sohil
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#52
 Toluene
 Concen: 50.82 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Tgt Ion: 92 Resp: 367943
 Ion Ratio Lower Upper
 92 100
 91 175.2 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 44.23 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion: 75 Resp: 190981

Ion Ratio Lower Upper

75 100

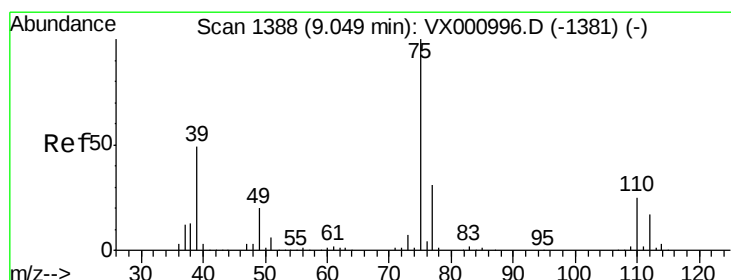
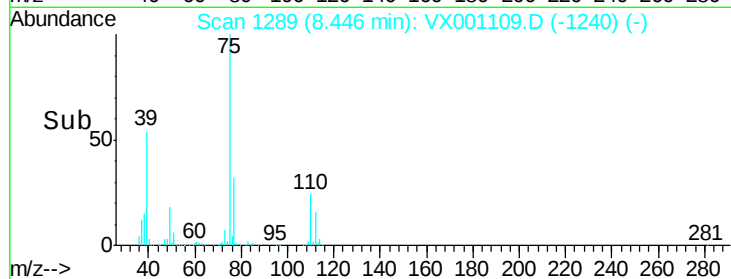
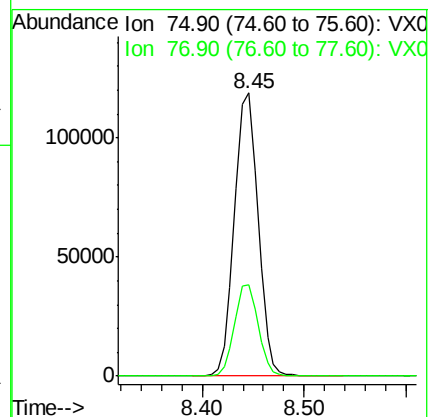
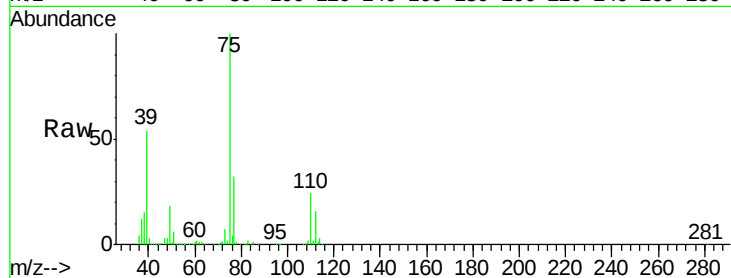
77 32.2 25.8 38.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 44.78 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

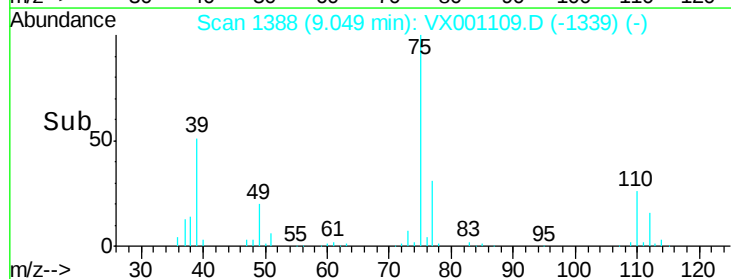
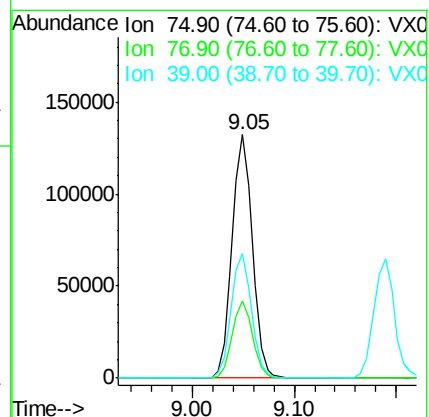
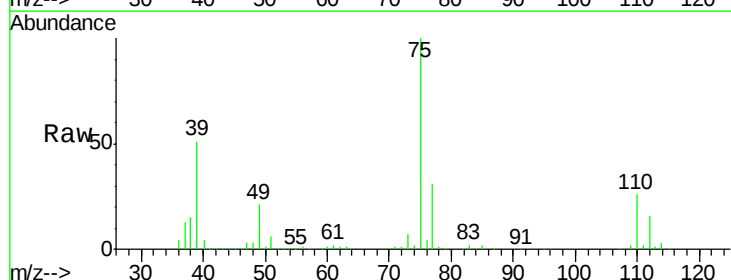
Tgt Ion: 75 Resp: 182330

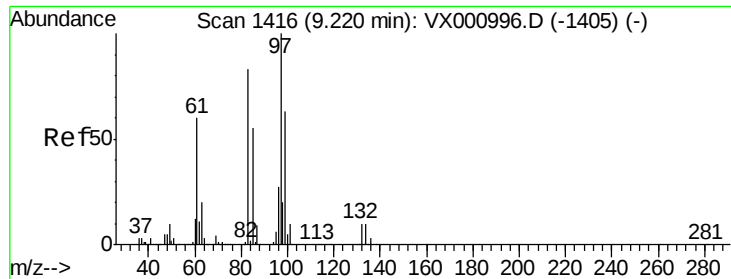
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 51.1 39.2 58.8





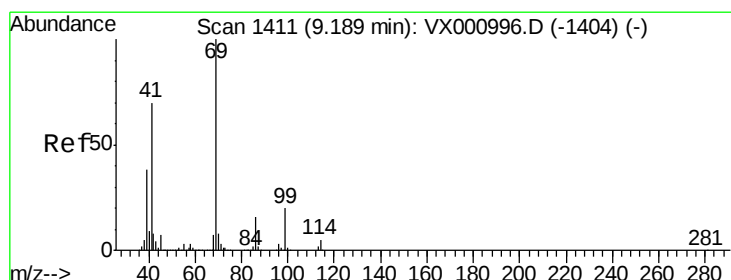
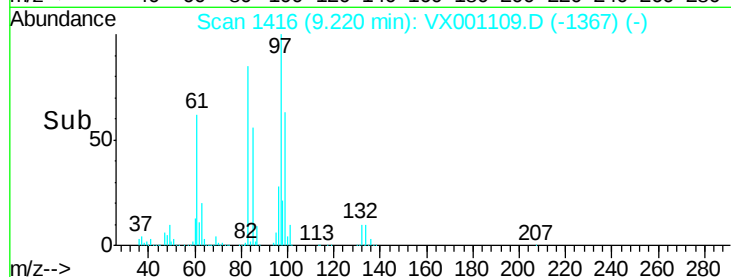
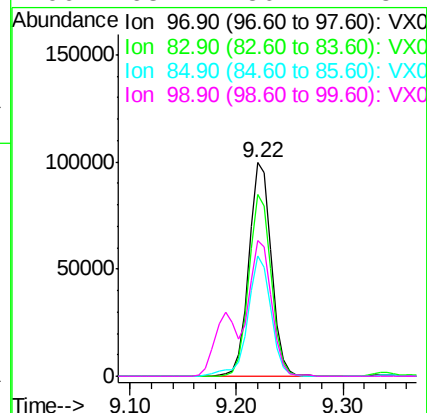
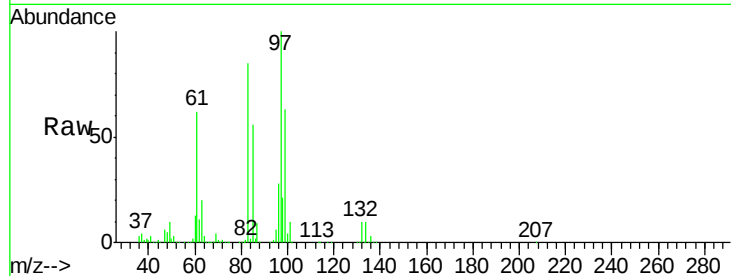
#55
 1,1,2-Trichloroethane
 Concen: 51.36 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MS

Tot Ion:	97	Resp:	147799
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.2	99.4
85	56.5	44.2	66.4
99	63.2	50.2	75.4

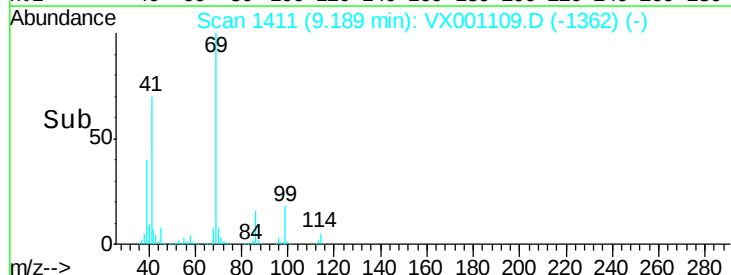
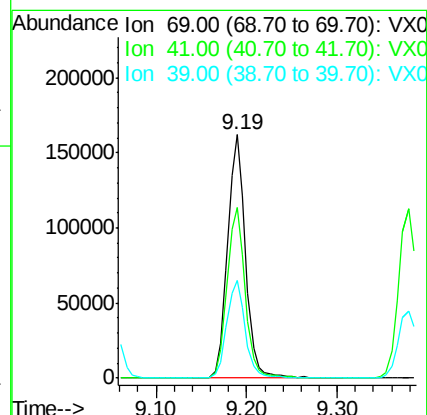
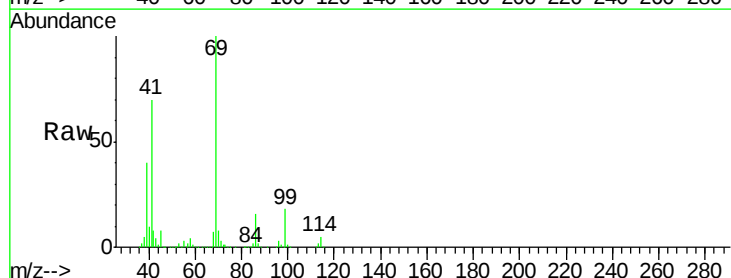
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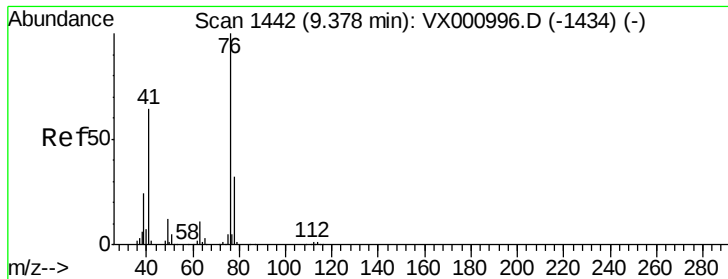
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#56
 Ethyl methacrylate
 Concen: 53.55 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Tgt Ion:	69	Resp:	226367
Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.3	84.5
39	40.8	30.4	45.6





#57

1,3-Dichloropropane

Concen: 51.30 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion: 76 Resp: 244603

Ion Ratio Lower Upper

76 100

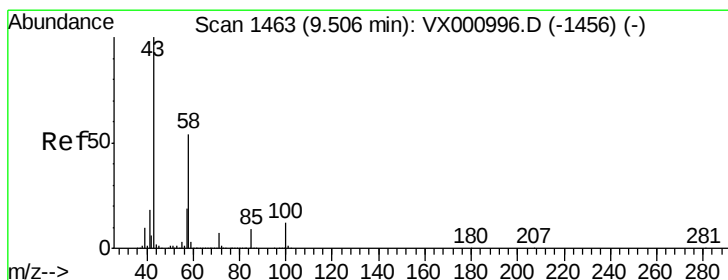
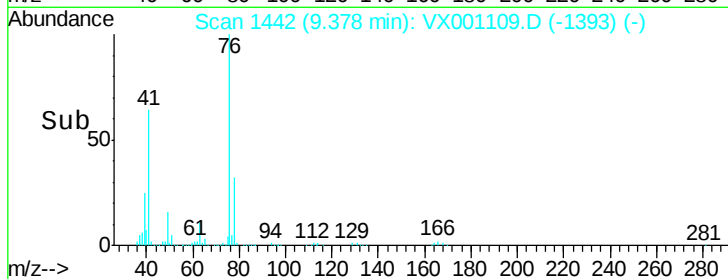
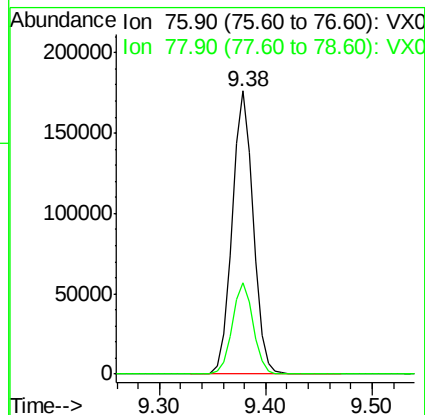
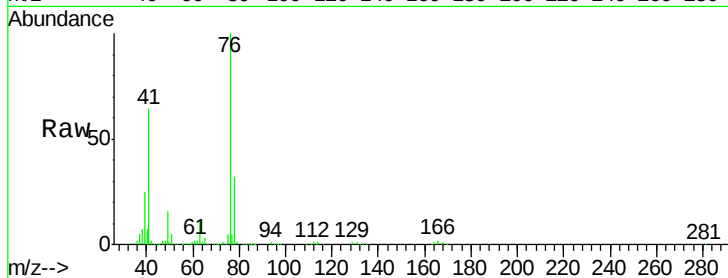
78 32.2 25.8 38.6

Manual Integrations

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#59

2-Hexanone

Concen: 289.22 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VX001109.D

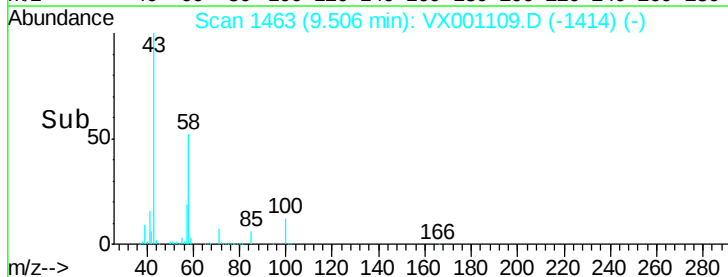
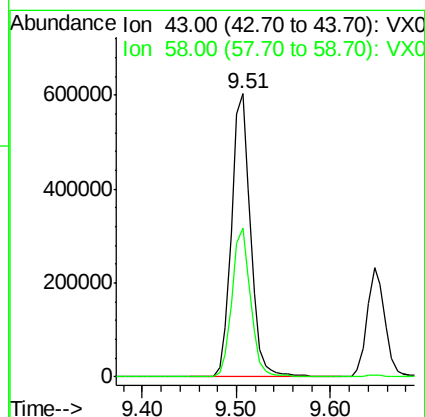
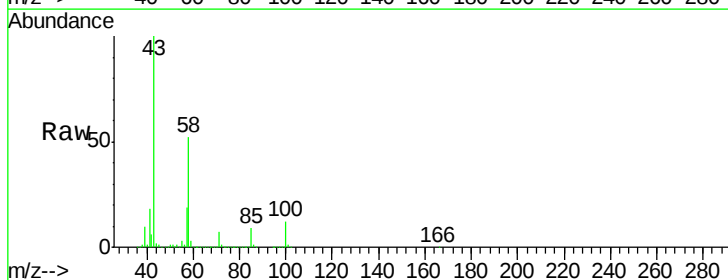
Acq: 25 Apr 2018 05:58

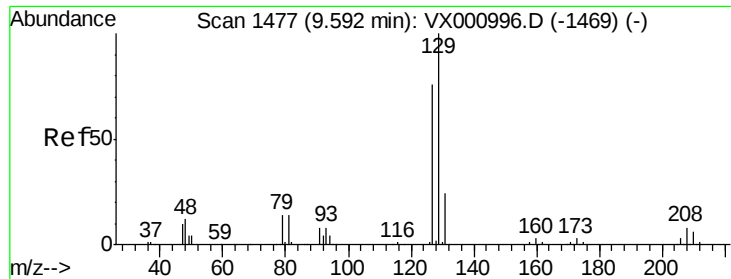
Tgt Ion: 43 Resp: 844079

Ion Ratio Lower Upper

43 100

58 51.6 26.3 78.9





#60

Dibromochloromethane

Concen: 54.45 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion:129 Resp: 164583

Ion Ratio Lower Upper

129 100

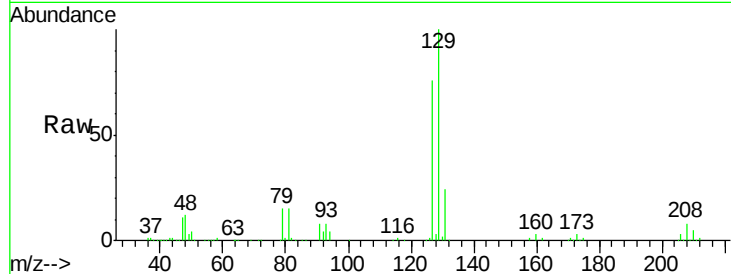
127 76.3 38.6 115.8

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

120000

100000

80000

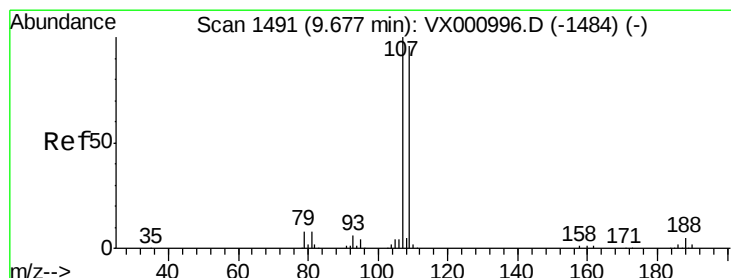
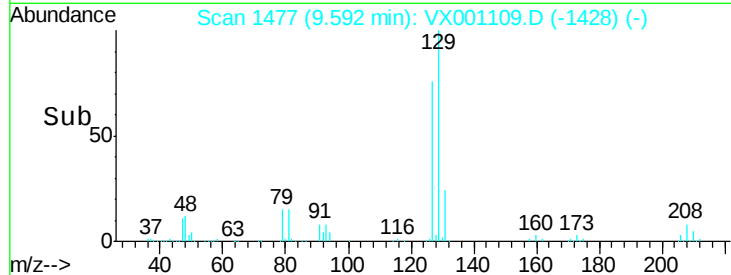
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 52.70 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001109.D

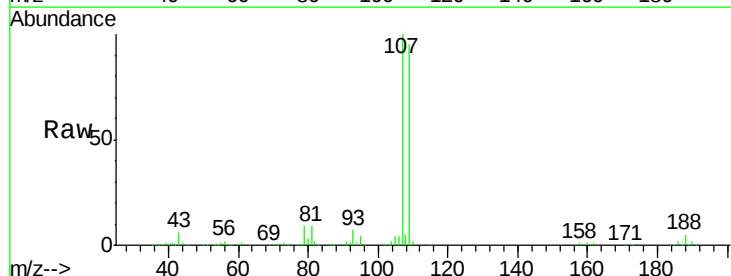
Acq: 25 Apr 2018 05:58

Tgt Ion:107 Resp: 160054

Ion Ratio Lower Upper

107 100

109 94.6 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

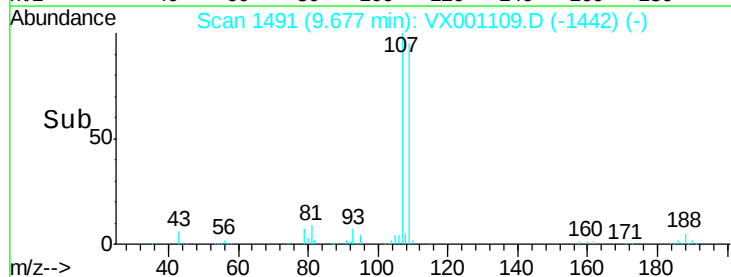
60000

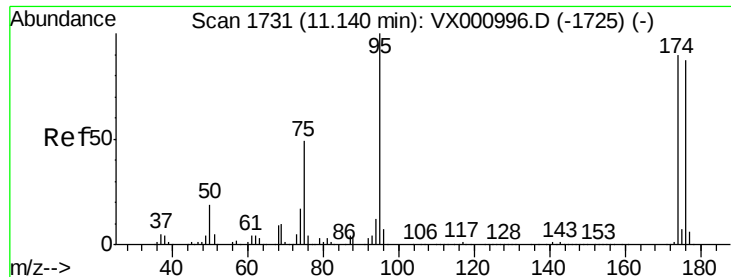
40000

20000

0

Time--> 9.60 9.65 9.70 9.75 9.80





#62

4-Bromofluorobenzene

Concen: 48.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

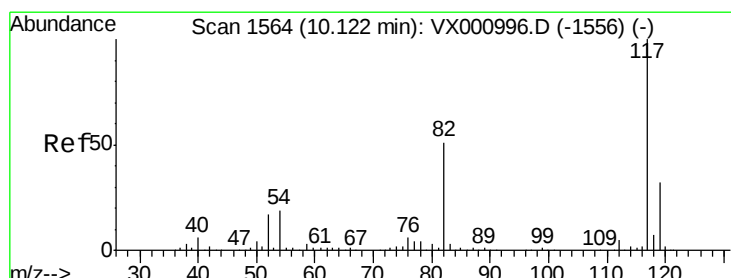
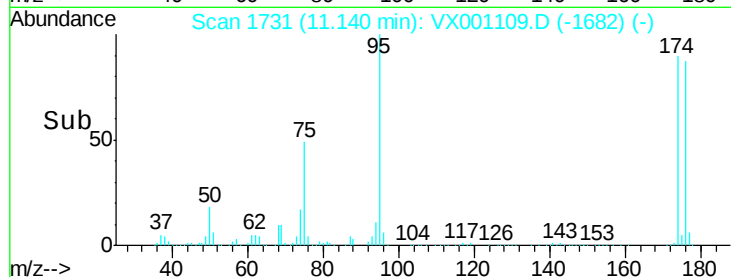
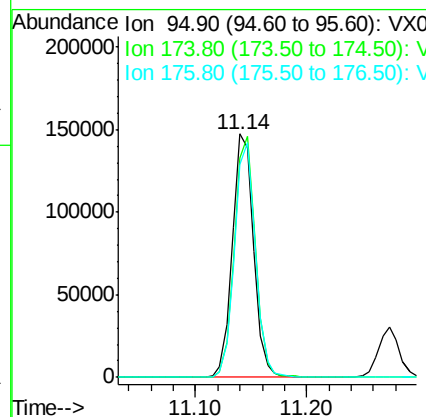
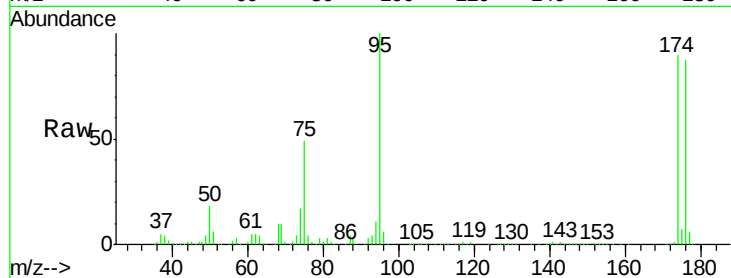
ClientSampleId :

LF015MW001-180416MS

Tot Ion:	95	Resp:	194657
Ion Ratio	Lower	Upper	
95	100		
174	97.5	0.0	198.4
176	95.2	0.0	192.0

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

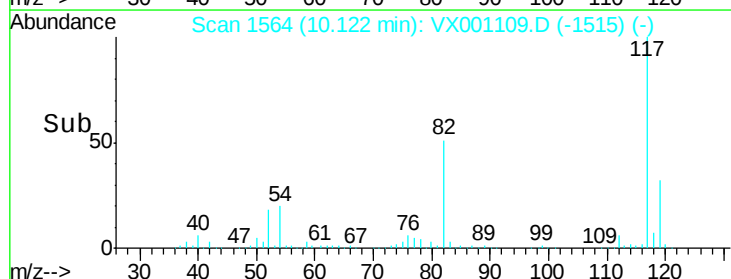
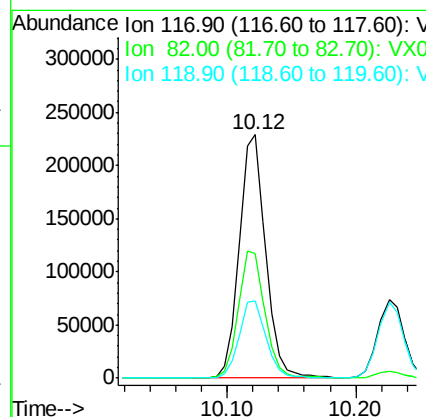
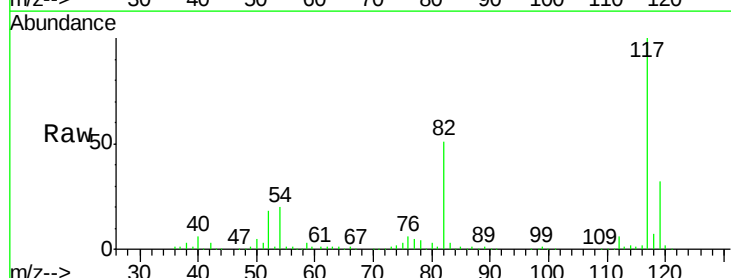
RT: 10.12 min Scan# 1564

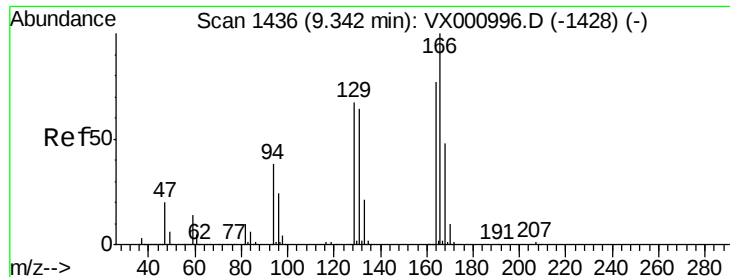
Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion:	117	Resp:	325942
Ion Ratio	Lower	Upper	
117	100		
82	51.2	40.6	60.8
119	31.9	26.0	39.0





#64

Tetrachloroethene

Concen: 46.09 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

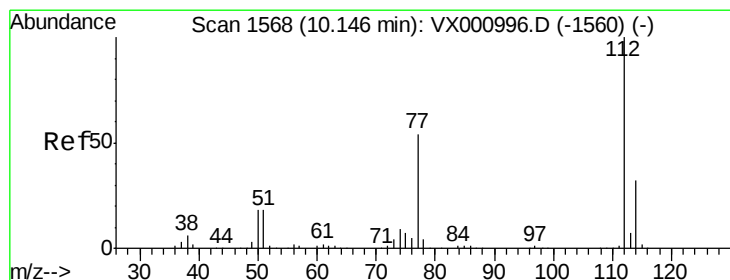
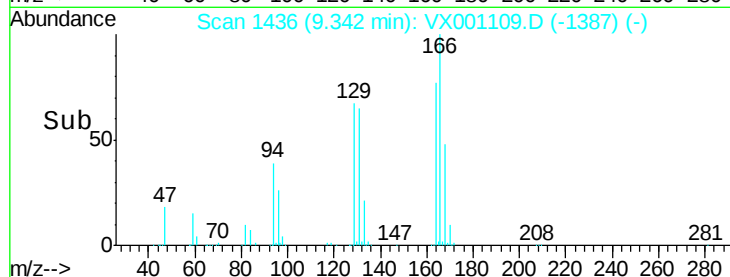
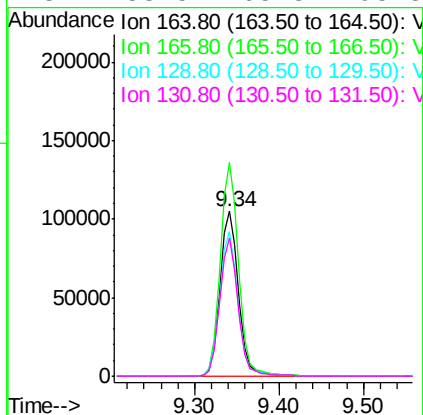
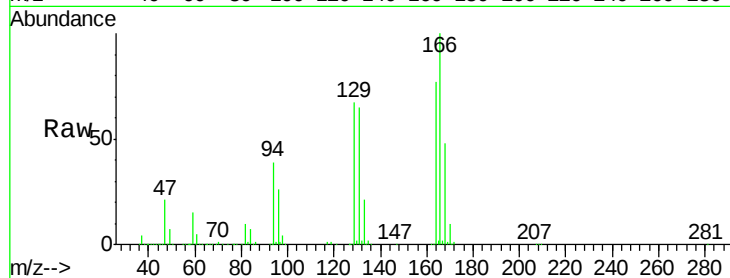
ClientSampleId :

LF015MW001-180416MS

Tot Ion:	164	Resp:	159547
Ion Ratio	Lower	Upper	
164	100		
166	129.4	103.5	155.3
129	87.3	69.6	104.4
131	83.5	65.8	98.8

Manual Integrations
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#65

Chlorobenzene

Concen: 63.26 ug/l

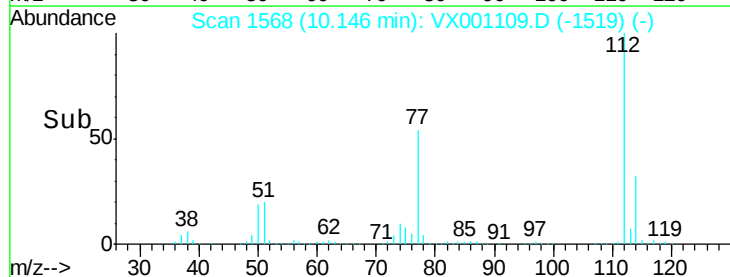
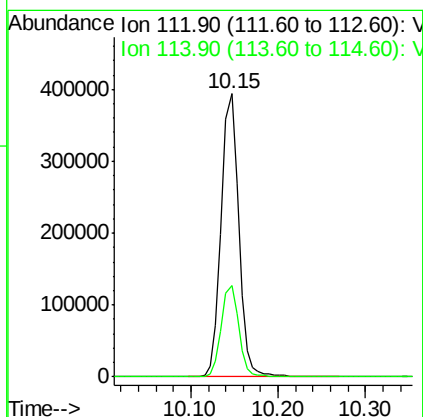
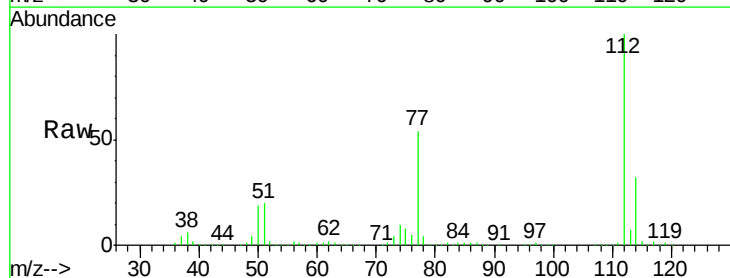
RT: 10.15 min Scan# 1568

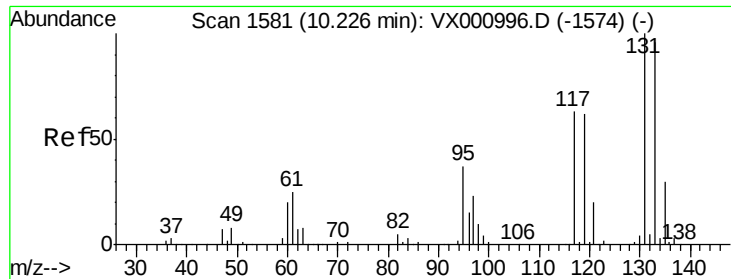
Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion:	112	Resp:	549070
Ion Ratio	Lower	Upper	
112	100		
114	32.4	25.5	38.3





#66

1,1,1,2-Tetrachloroethane

Concen: 52.86 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion:131 Resp: 157475

Ion Ratio Lower Upper

131 100

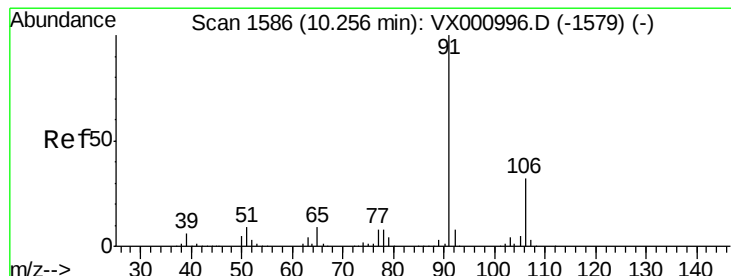
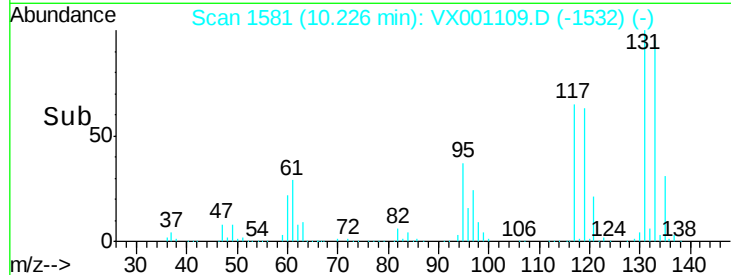
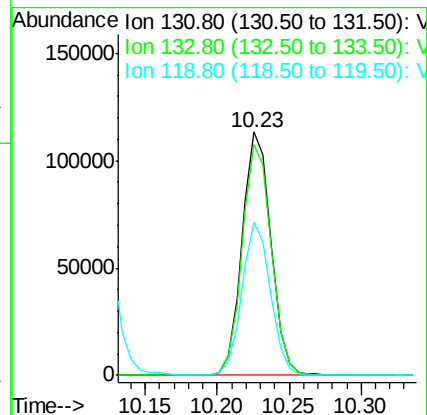
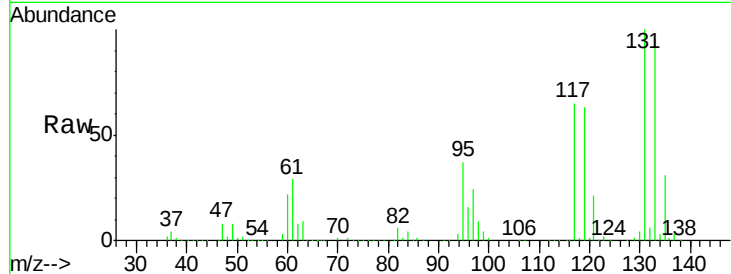
133 95.7 47.6 142.8

119 62.4 31.1 93.2

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#67

Ethyl Benzene

Concen: 49.61 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001109.D

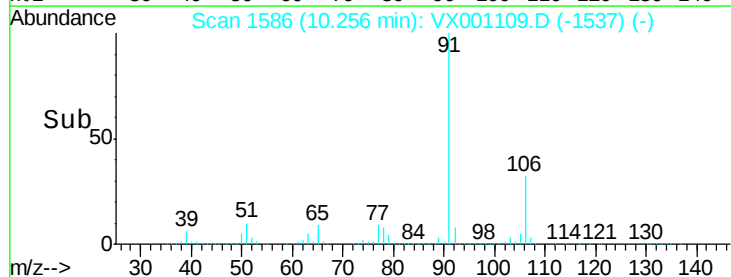
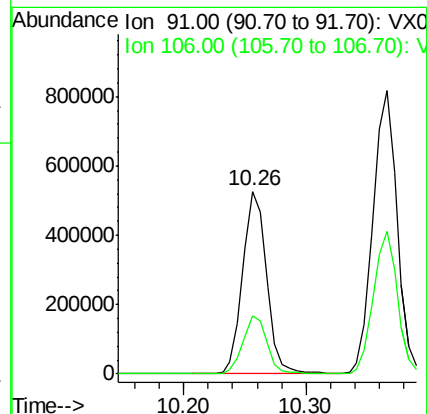
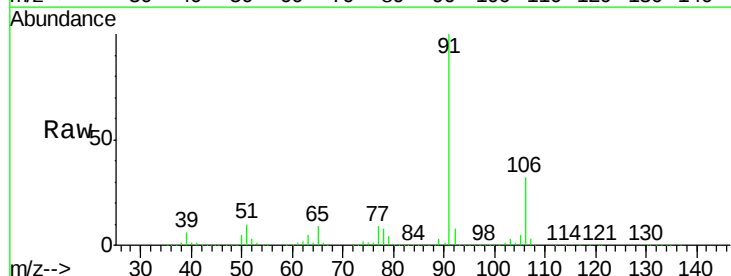
Acq: 25 Apr 2018 05:58

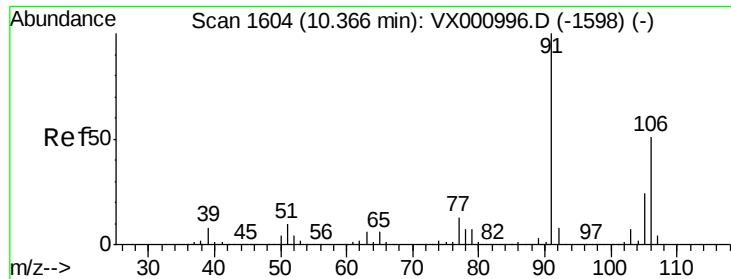
Tgt Ion: 91 Resp: 714996

Ion Ratio Lower Upper

91 100

106 31.7 25.7 38.5





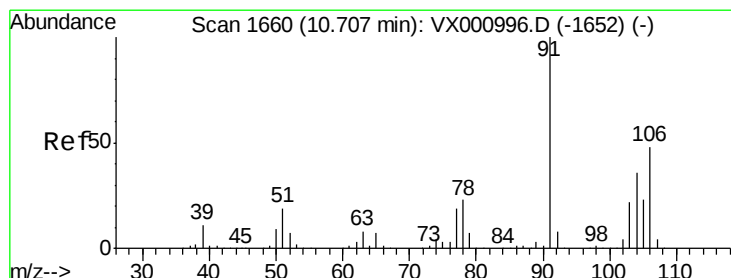
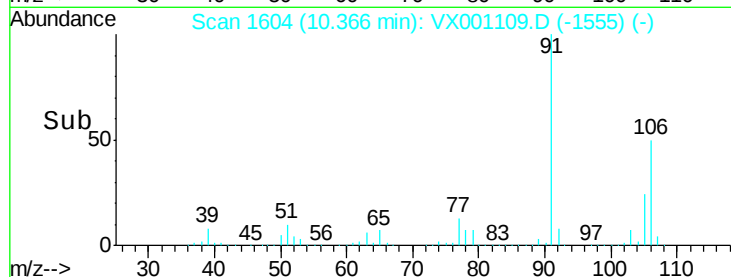
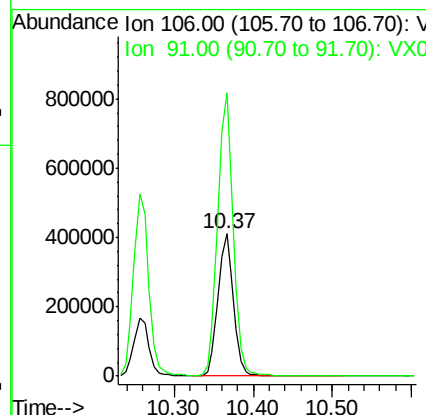
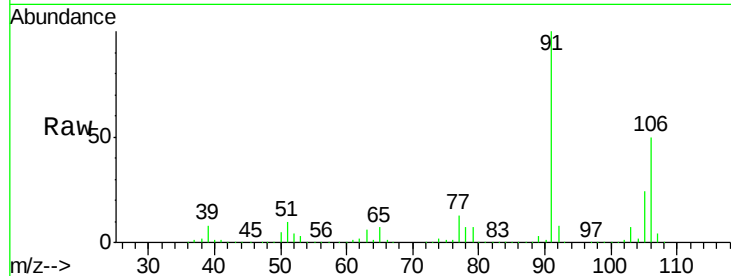
#68
m/p-Xvlenes
Concen: 99.93 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MS

Tot Ion:106 Resp: 567626
Ion Ratio Lower Upper
106 100
91 199.5 159.3 238.9

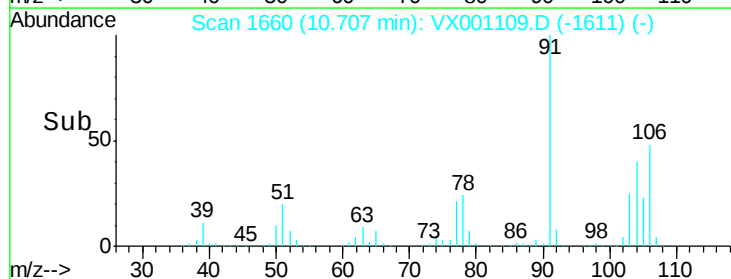
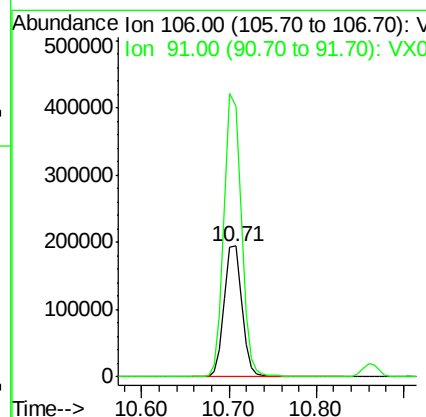
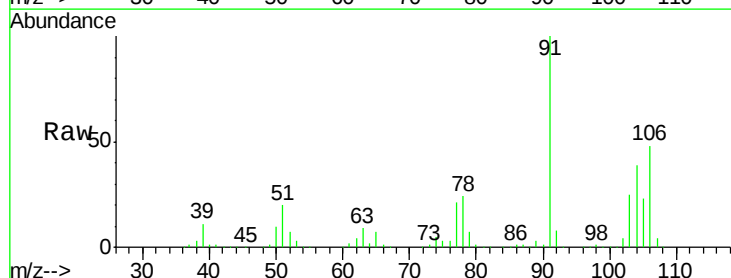
Manual Integrations
APPROVED

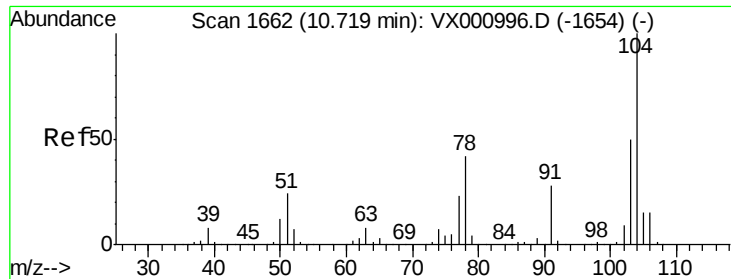
Sohil
4/26/2018 4:06:34 AM



#69
o-Xylene
Concen: 49.94 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Tgt Ion:106 Resp: 273512
Ion Ratio Lower Upper
106 100
91 212.8 105.1 315.1





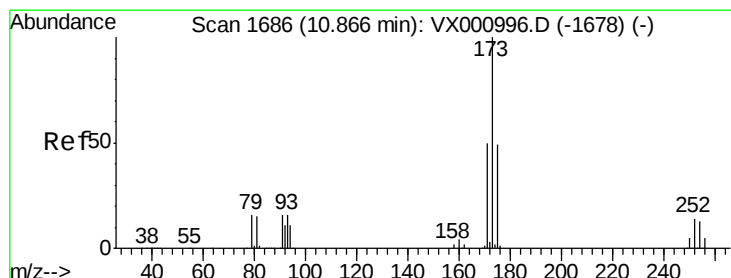
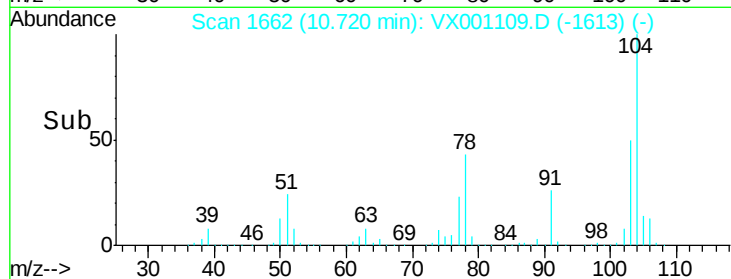
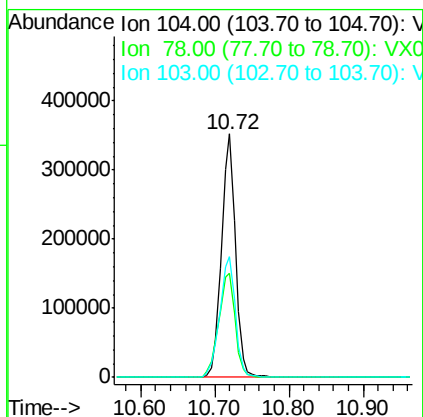
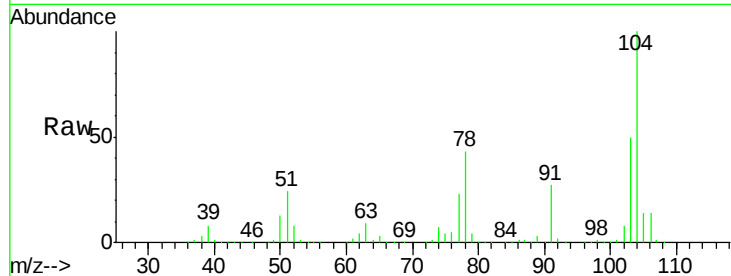
#70
Stvrene
Concen: 51.05 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.8	39.4	59.2
103	55.5	44.2	66.2

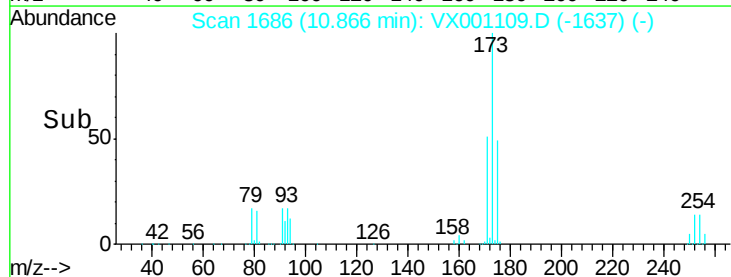
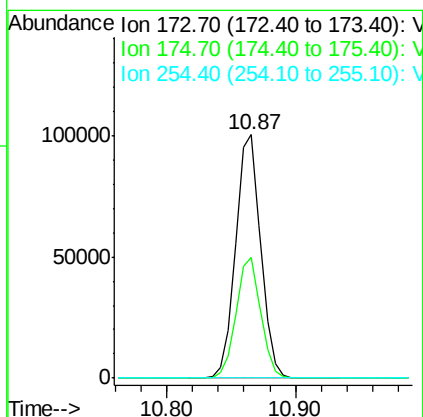
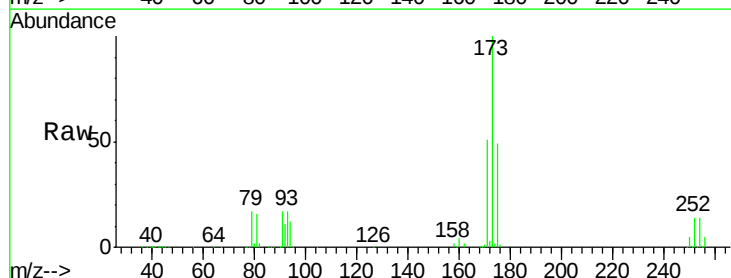
Manual Integrations
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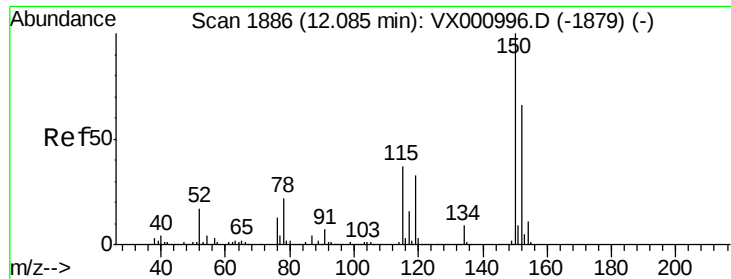
Sohil
4/26/2018 4:06:34 AM



#71
Bromoform
Concen: 48.85 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.8	74.3
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

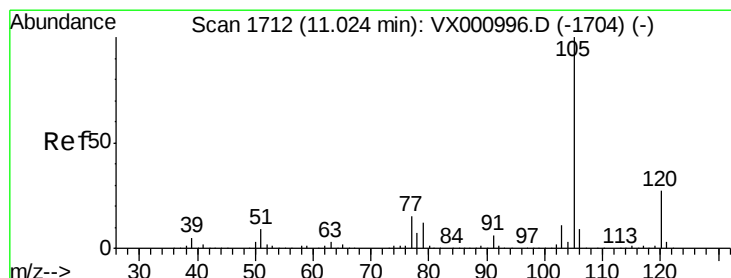
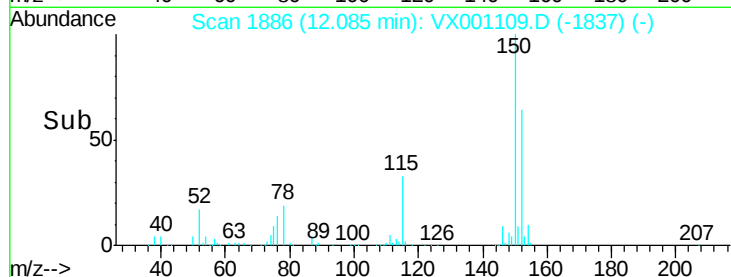
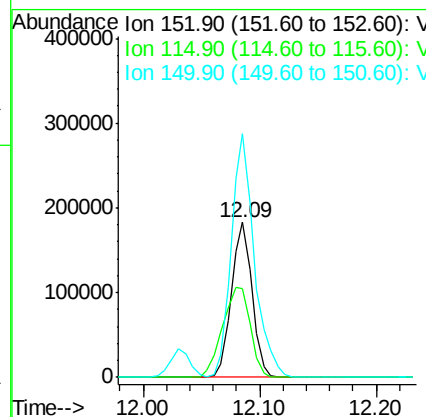
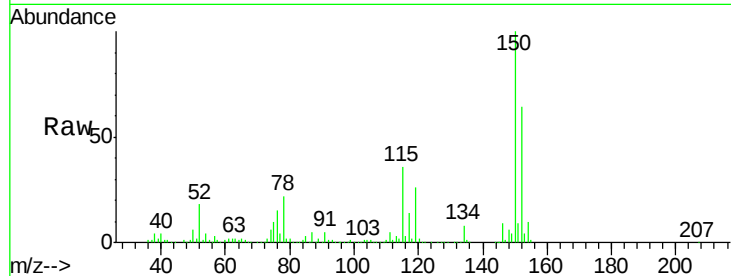
ClientSampleId :

LF015MW001-180416MS

Tot Ion:	152	Resp:	223924
Ion Ratio	Lower	Upper	
152	100		
115	77.5	38.2	114.6
150	175.6	0.0	350.4

Manual Integrations
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4/26/2018 4:06:34 AM



#73

Isopropylbenzene

Concen: 50.65 ug/l

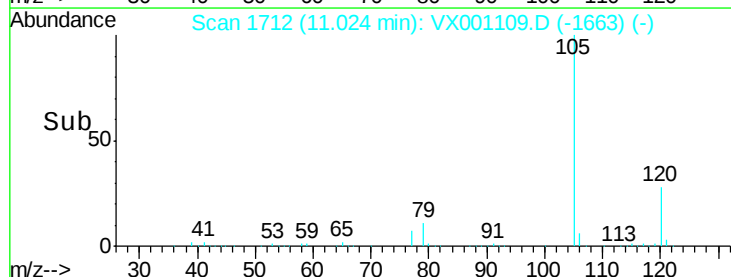
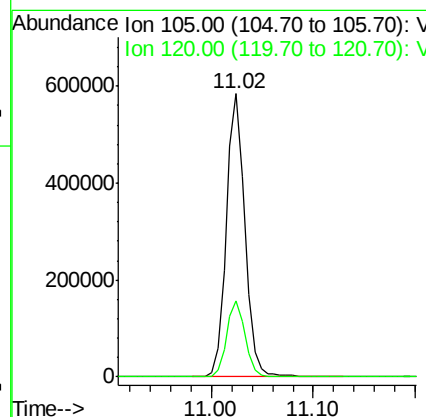
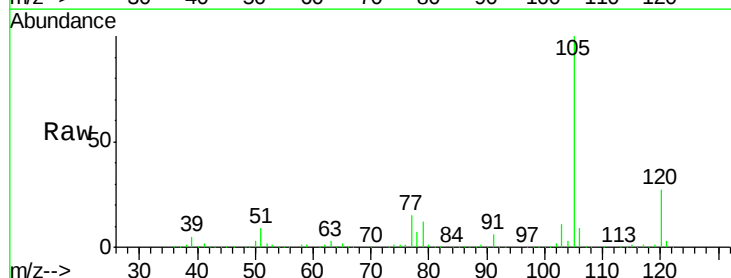
RT: 11.02 min Scan# 1712

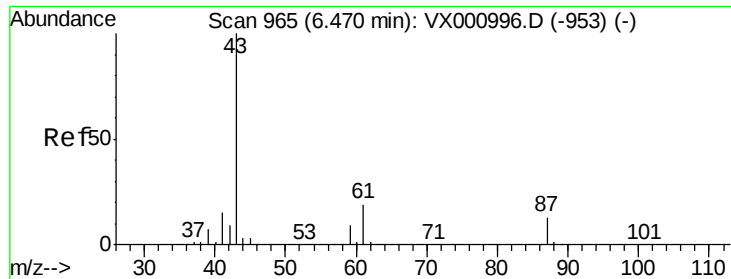
Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion:	105	Resp:	741547
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.4	40.2





#74

N-amvl acetate

Concen: 54.32 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

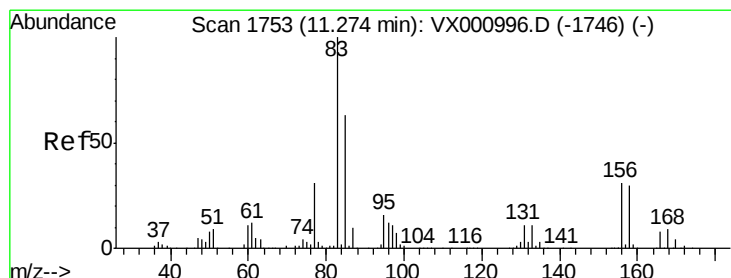
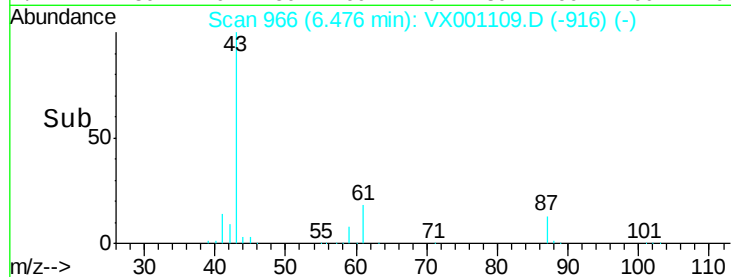
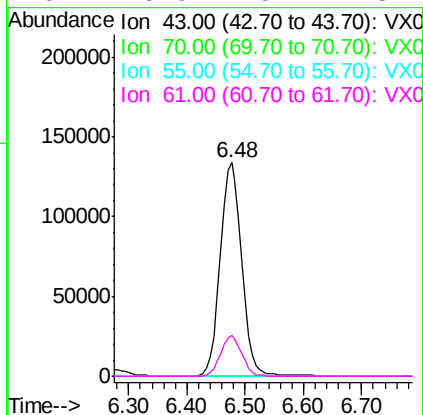
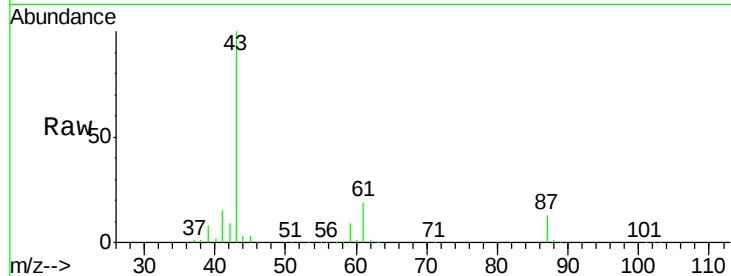
ClientSampleId :

LF015MW001-180416MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		340191		
70	0.0	0.0	0.0		
55	0.0	0.1	0.1#		
61	18.9	15.4	23.2		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 55.81 ug/l

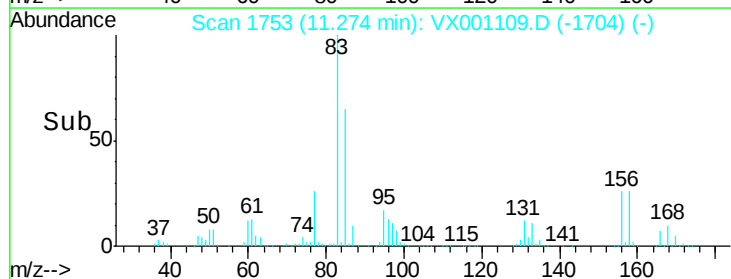
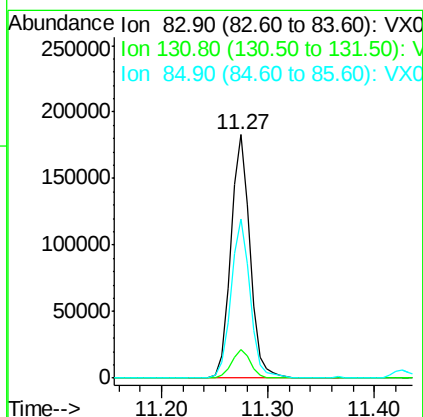
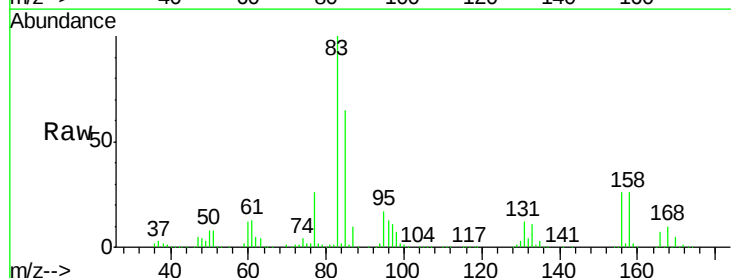
RT: 11.27 min Scan# 1753

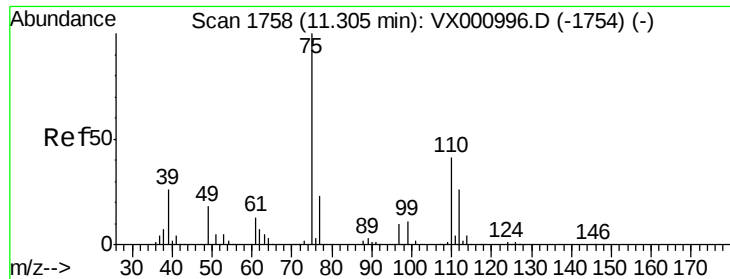
Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		231304		
131	11.6	5.8	17.4		
85	65.4	32.0	96.2		





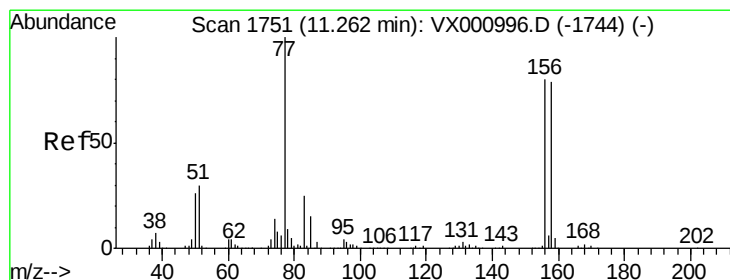
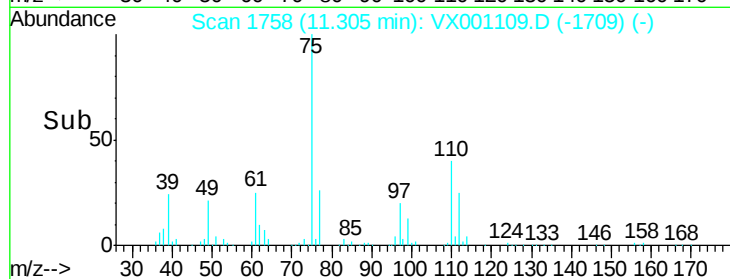
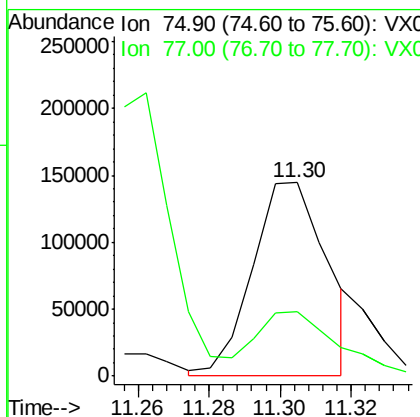
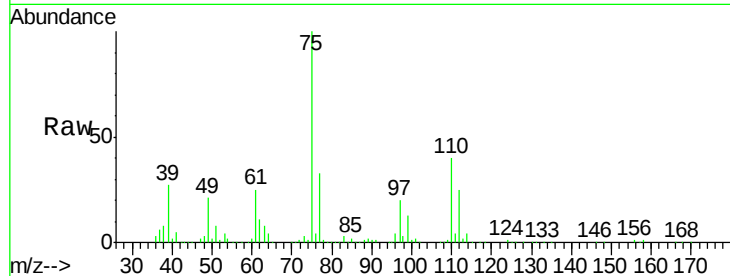
#76
1,2,3-Trichloropropane
Concen: 54.01 ug/l m
RT: 11.30 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MS

Tot Ion: 75 Resp: 209848
Ion Ratio Lower Upper
75 100
77 36.1 19.6 58.7

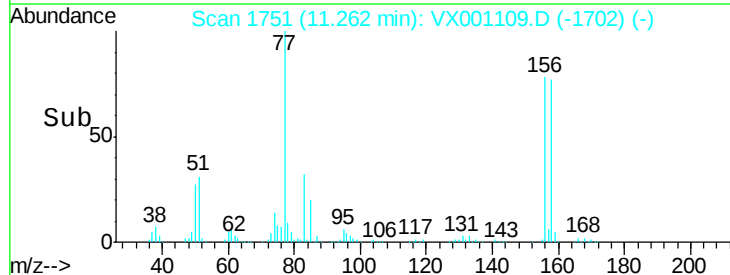
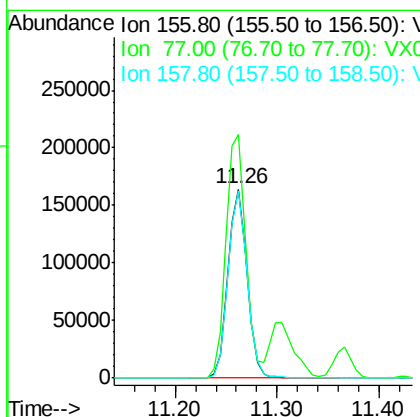
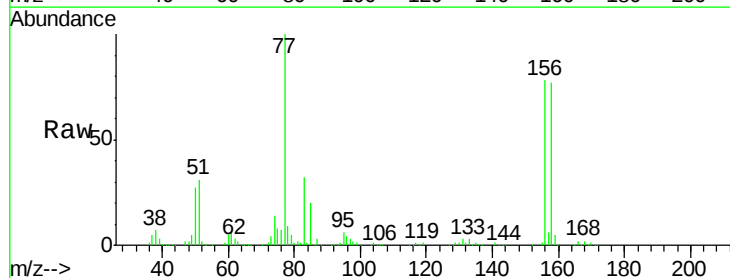
Manual Integrations
APPROVED

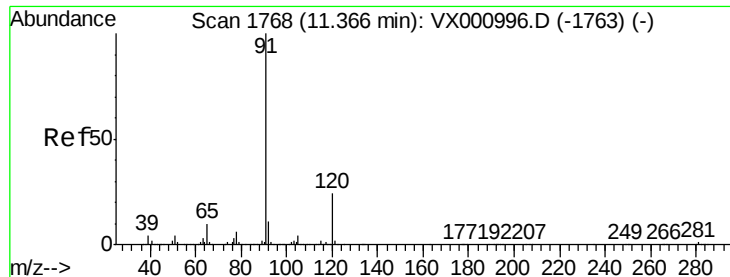
Sohil
4/26/2018 4:06:34 AM



#77
Bromobenzene
Concen: 49.77 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Tgt Ion: 156 Resp: 211496
Ion Ratio Lower Upper
156 100
77 135.9 66.3 199.0
158 99.0 48.9 146.6





#78

n-propylbenzene

Concen: 49.64 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion: 91 Resp: 834231

Ion Ratio Lower Upper

91 100

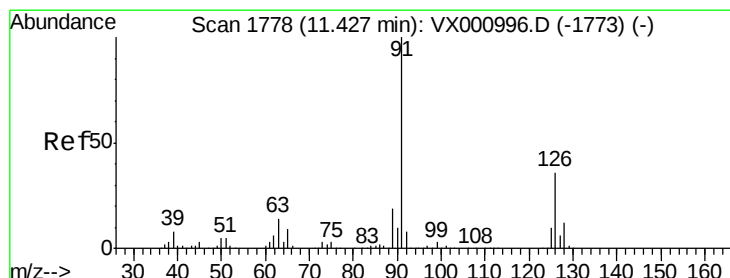
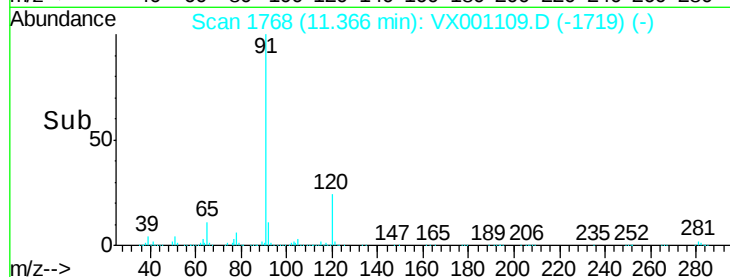
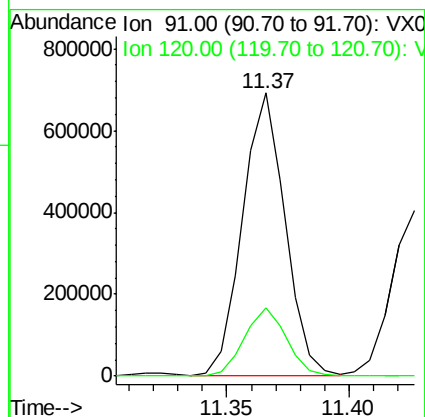
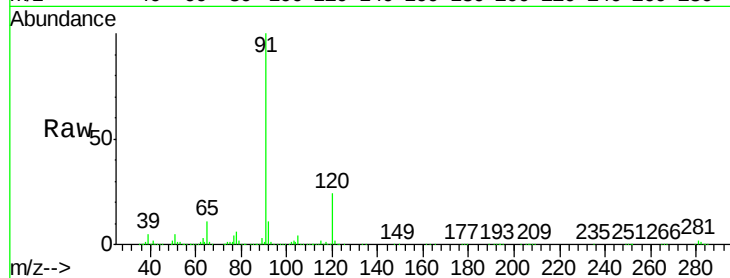
120 24.3 12.4 37.0

Manual Integrations

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#79

2-Chlorotoluene

Concen: 50.49 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001109.D

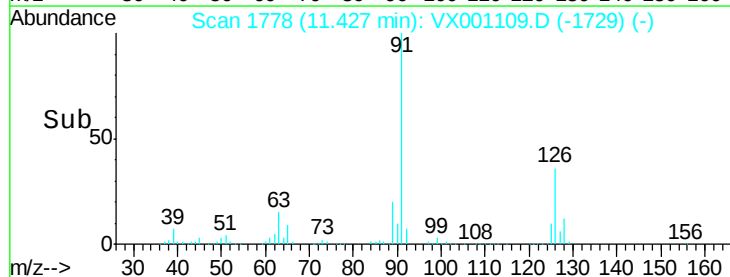
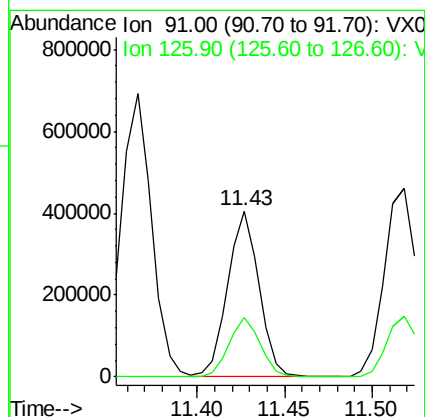
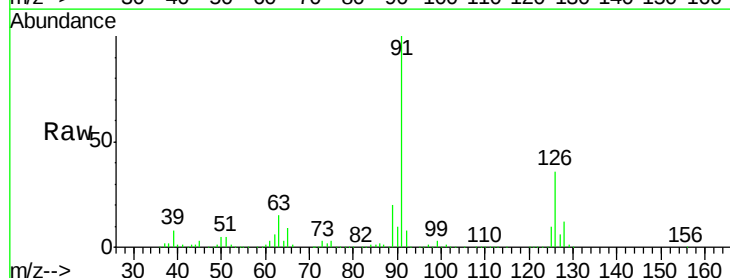
Acq: 25 Apr 2018 05:58

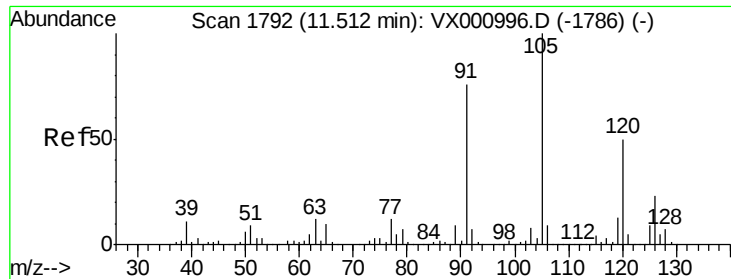
Tgt Ion: 91 Resp: 501448

Ion Ratio Lower Upper

91 100

126 36.1 18.3 54.9





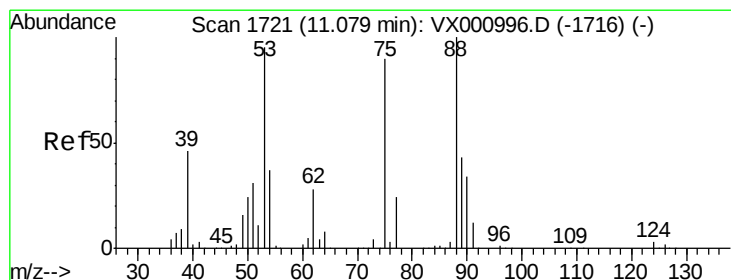
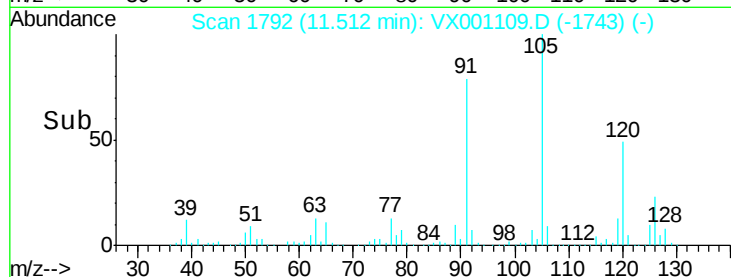
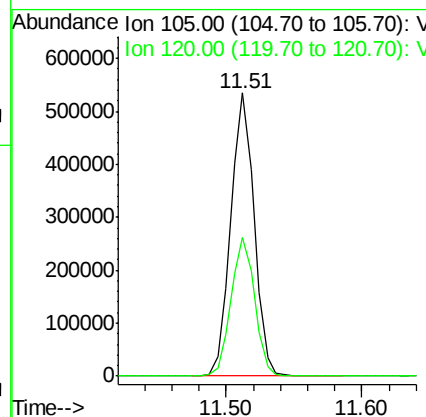
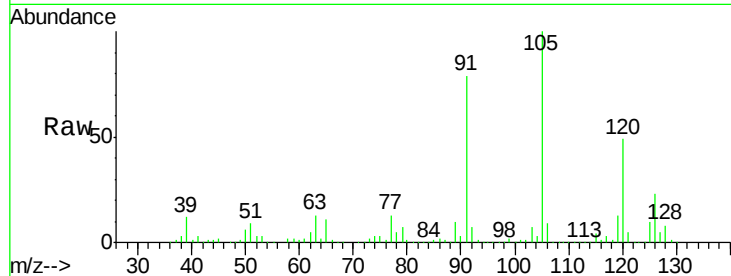
#80
 1,3,5-Trimethylbenzene
 Concen: 51.18 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MS

Tot Ion: 105 Resp: 635112
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.0 75.0

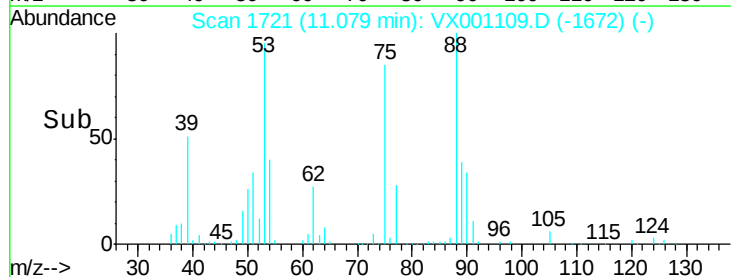
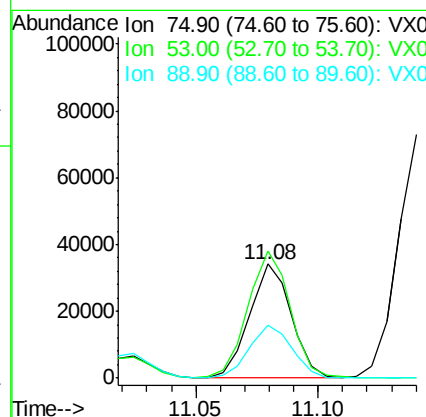
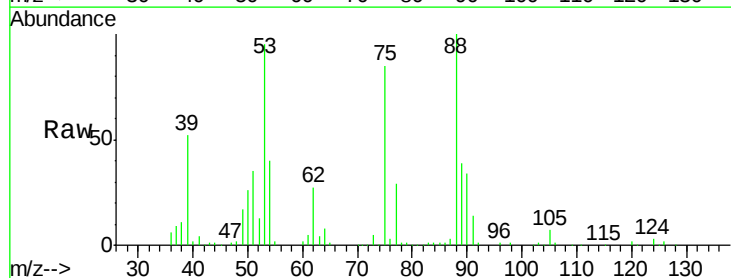
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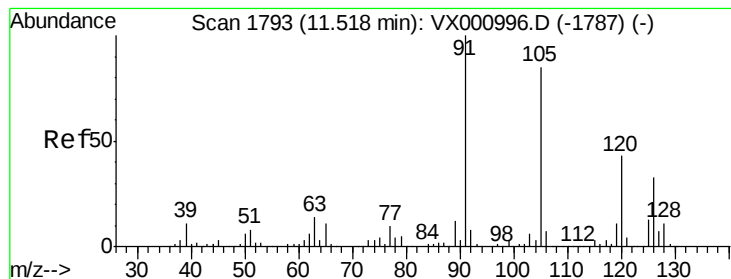
Sohil
 4/26/2018 4:06:34 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 33.06 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Tgt Ion: 75 Resp: 40366
 Ion Ratio Lower Upper
 75 100
 53 113.0 83.4 125.2
 89 47.9 39.7 59.5





#82

4-Chlorotoluene

Concen: 49.92 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion: 91 Resp: 599018

Ion Ratio Lower Upper

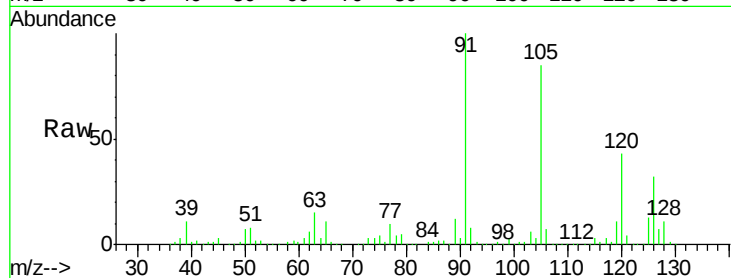
91 100

126 31.5 16.2 48.5

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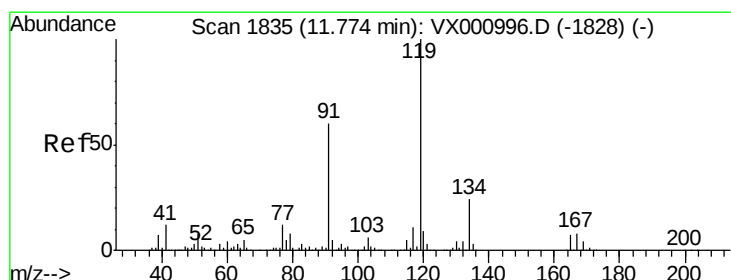
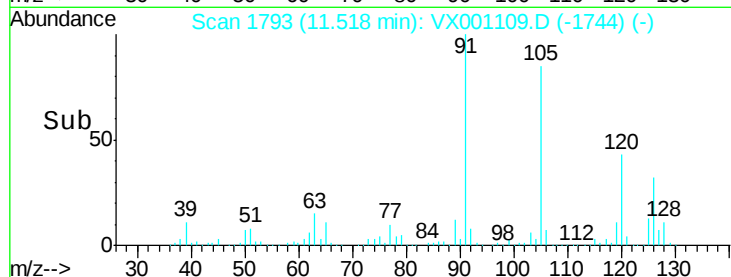
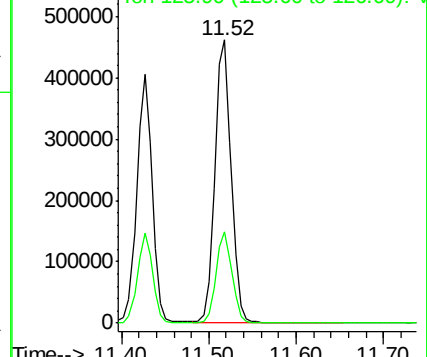
Sohil

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 52.17 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

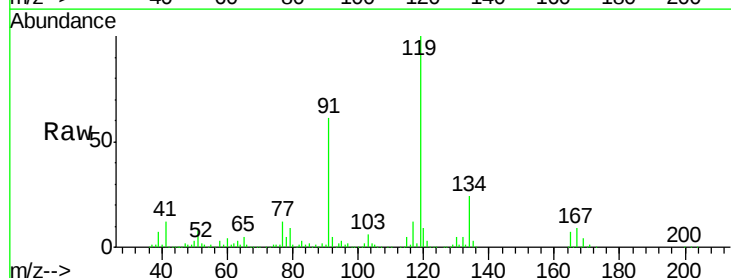
Tgt Ion: 119 Resp: 653054

Ion Ratio Lower Upper

119 100

91 55.1 27.0 81.0

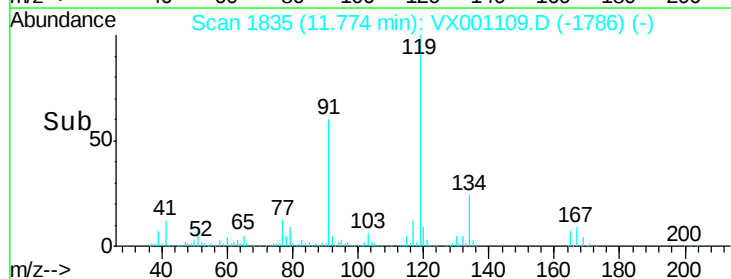
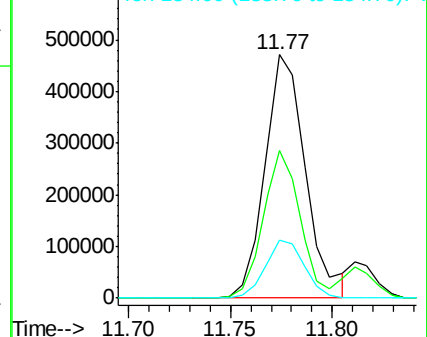
134 23.0 11.6 34.7

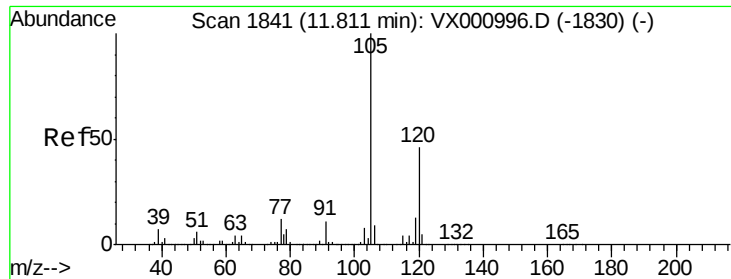


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





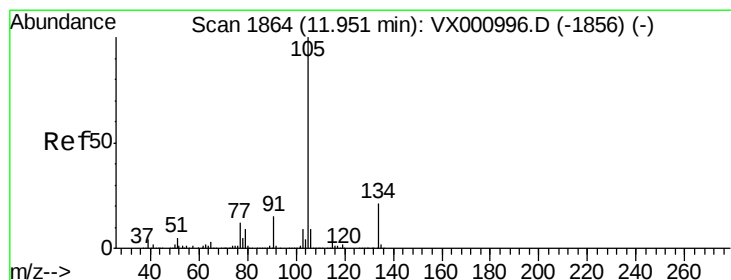
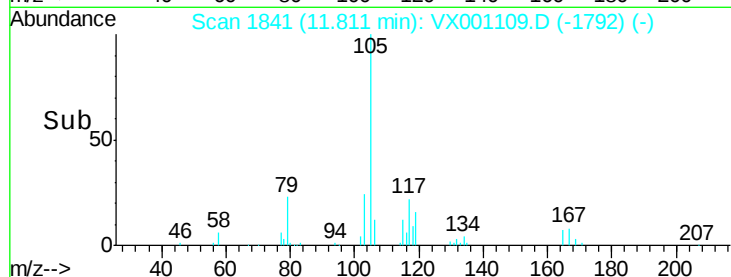
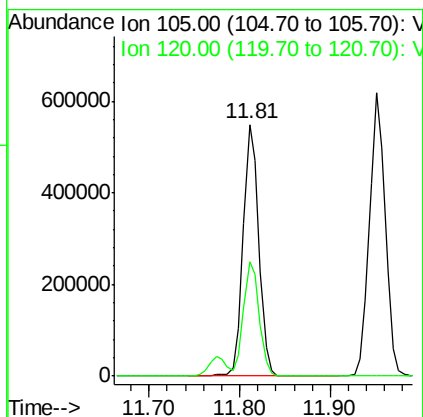
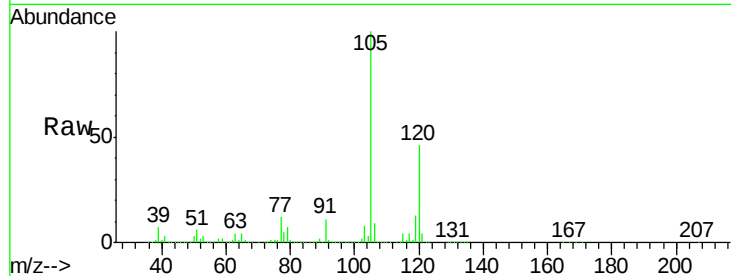
#84
 1,2,4-Trimethylbenzene
 Concen: 51.51 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MS

Tot Ion:105 Resp: 657869
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.0 69.0

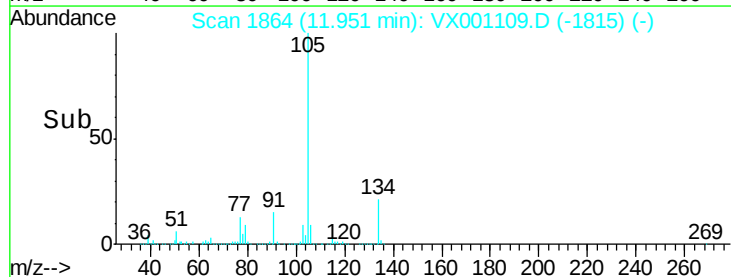
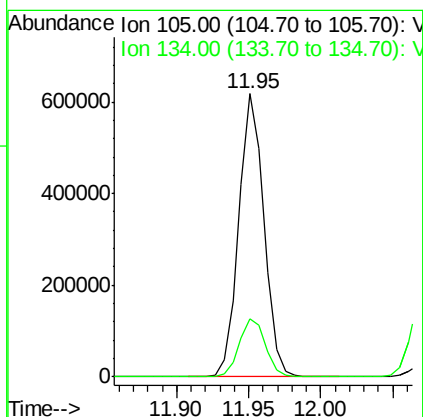
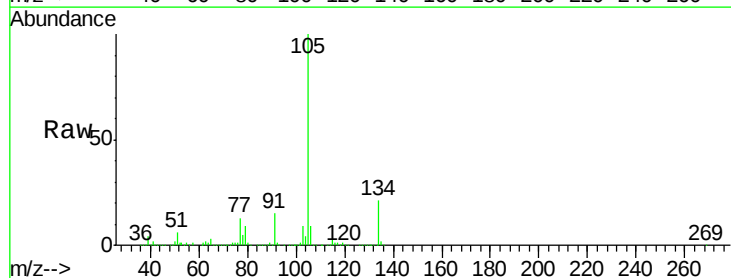
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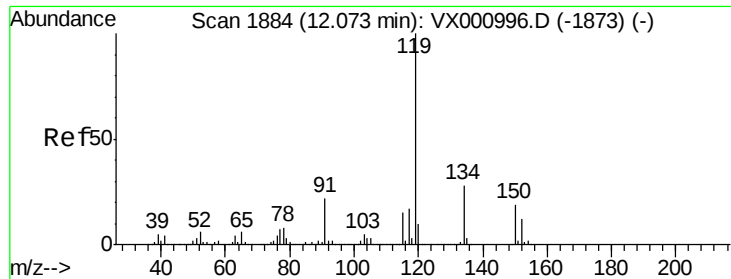
Sohil
 4/26/2018 4:06:34 AM



#85
 sec-Butylbenzene
 Concen: 50.30 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Tgt Ion:105 Resp: 751681
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.6





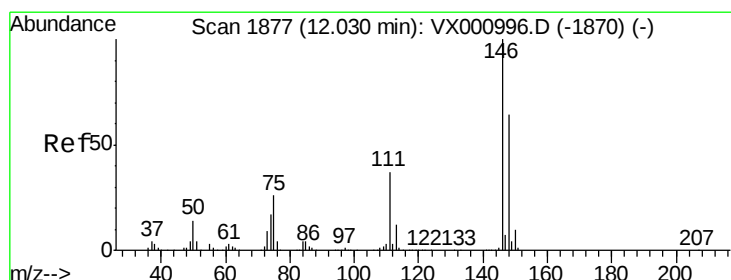
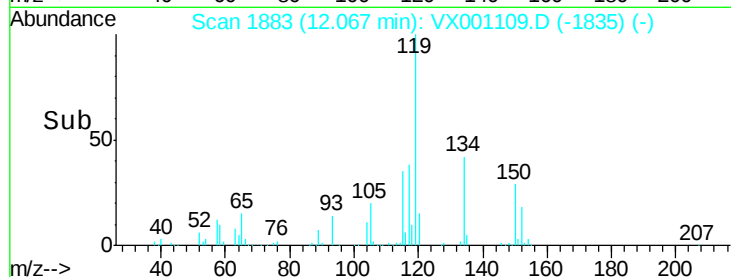
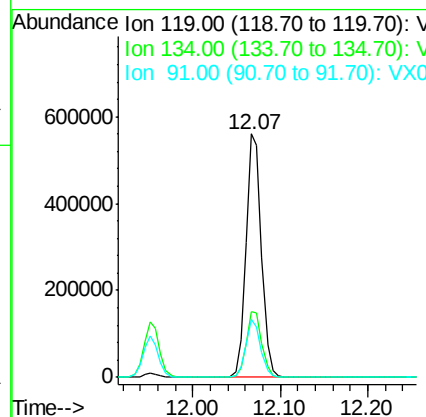
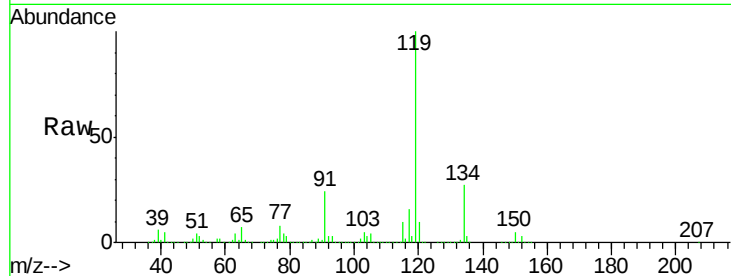
#86
p-Isopropyltoluene
Concen: 49.77 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	687961		
134	27.2		13.5	40.5
91	22.9		11.4	34.1

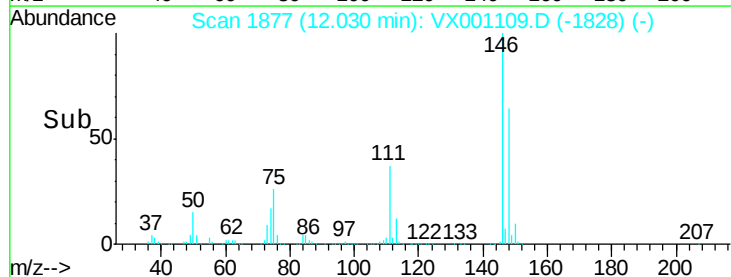
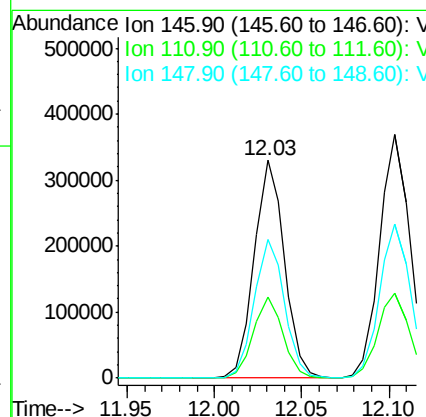
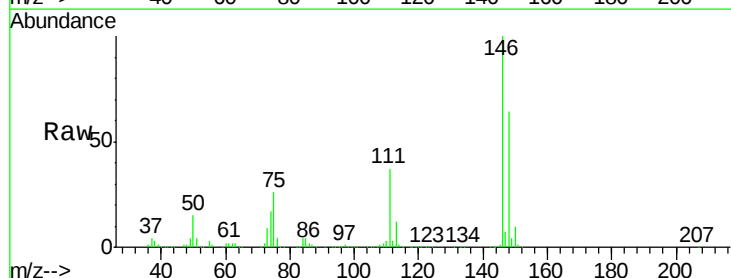
Manual Integrations
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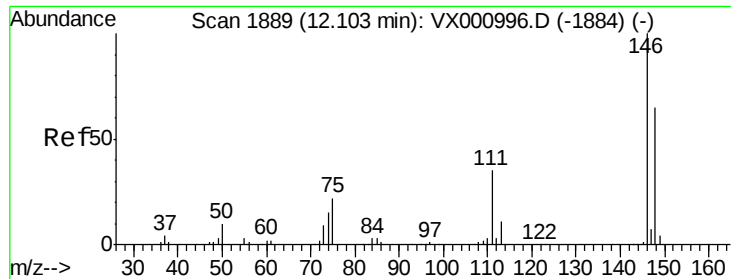
Sohil
4/26/2018 4:06:34 AM



#87
1,3-Dichlorobenzene
Concen: 49.91 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	397005		
111	36.6		18.3	54.8
148	63.9		32.2	96.6





#88

1,4-Dichlorobenzene

Concen: 54.41 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MS

Tot Ion:146 Resp: 444276

Ion Ratio Lower Upper

146 100

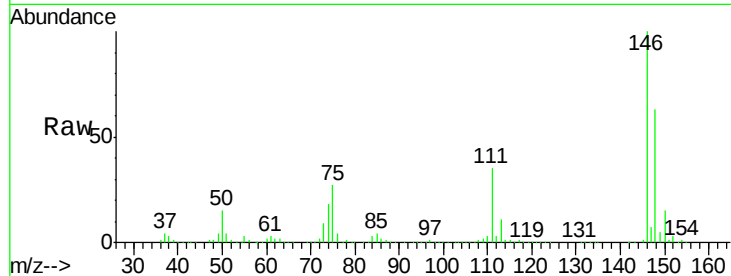
111 35.9 18.0 54.0

148 64.1 32.4 97.0

Manual Integrations
APPROVED

Sohil

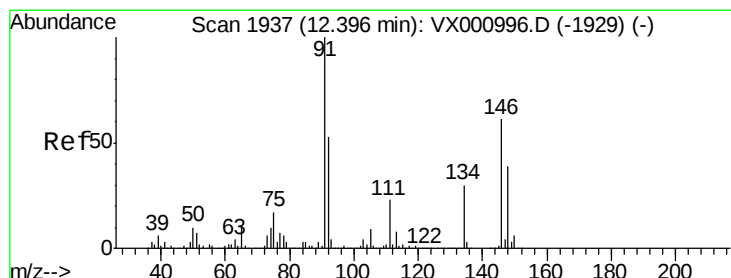
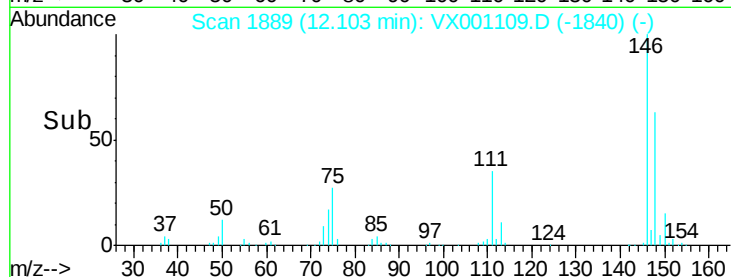
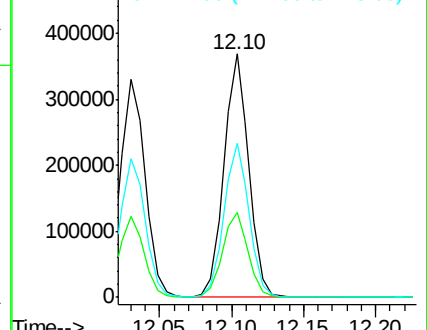
4/26/2018 4:06:34 AM



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 47.71 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

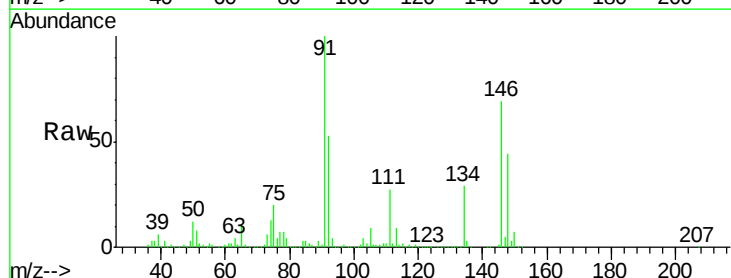
Tgt Ion: 91 Resp: 586766

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.9

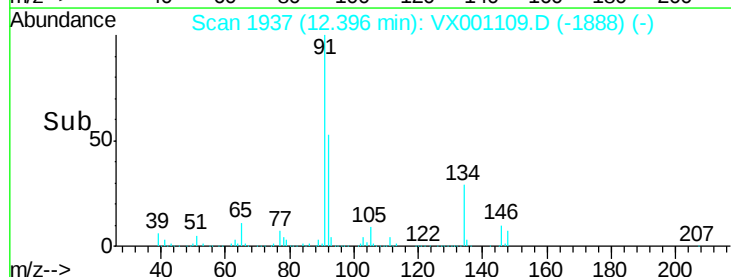
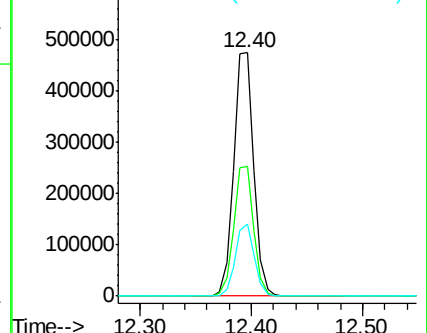
134 28.2 14.4 43.0

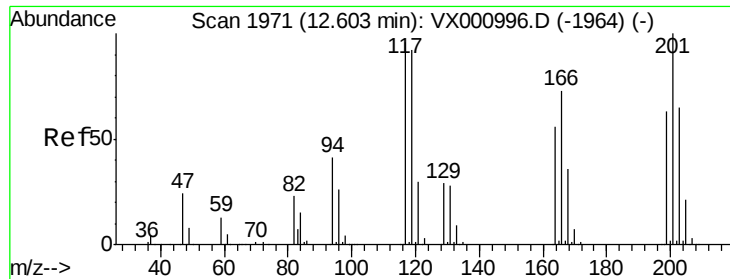


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





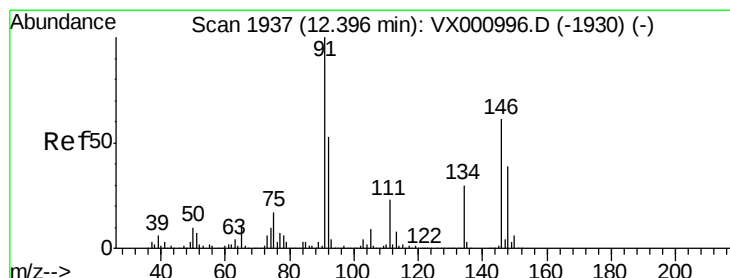
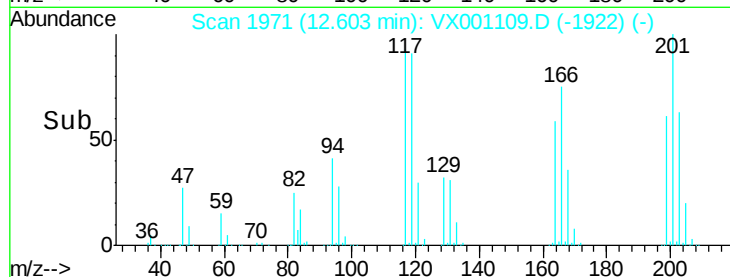
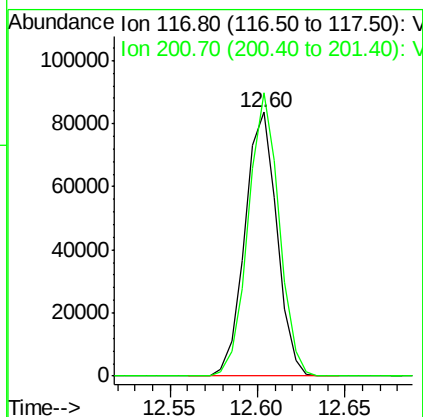
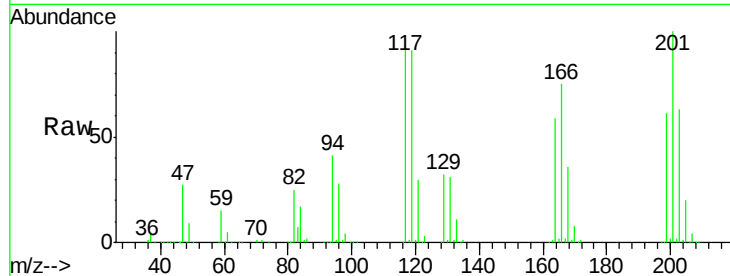
#90
Hexachloroethane
Concen: 54.12 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MS

Tot Ion:117 Resp: 105998
Ion Ratio Lower Upper
117 100
201 103.5 52.3 157.1

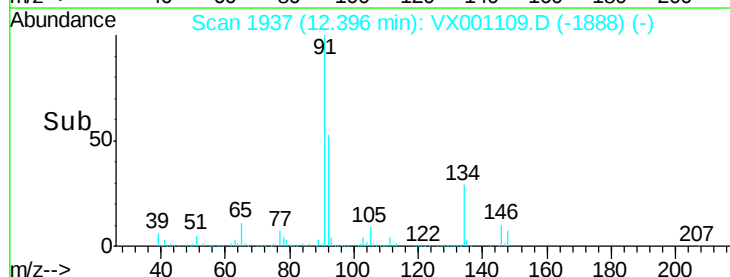
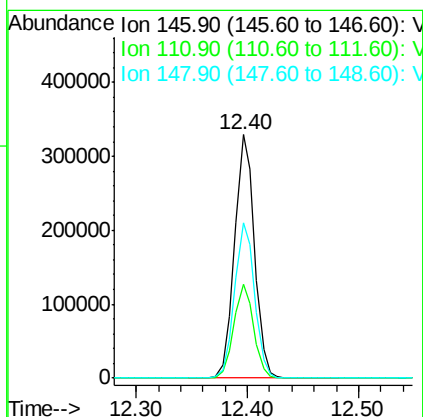
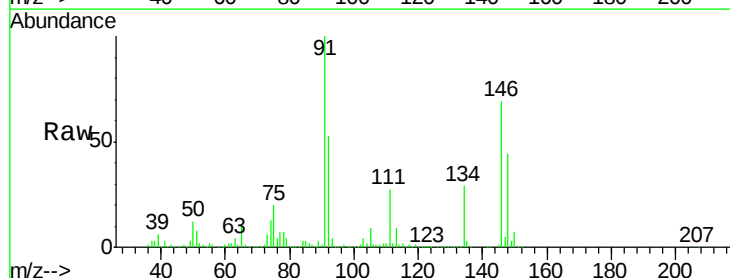
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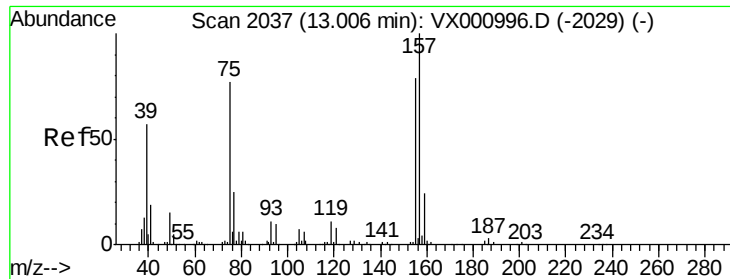
Sohil
4/26/2018 4:06:34 AM



#91
1,2-Dichlorobenzene
Concen: 52.65 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001109.D
Acq: 25 Apr 2018 05:58

Tgt Ion:146 Resp: 405460
Ion Ratio Lower Upper
146 100
111 38.4 18.6 56.0
148 64.6 32.3 96.8





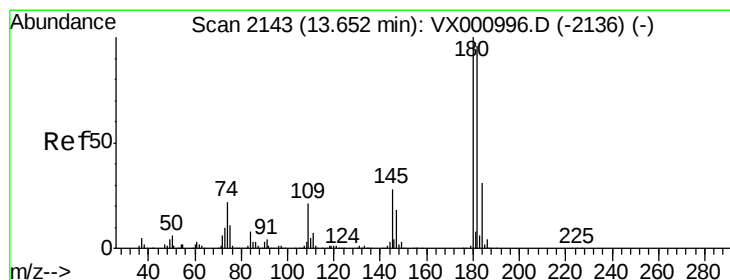
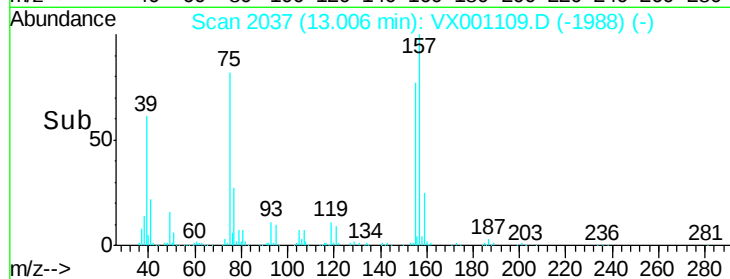
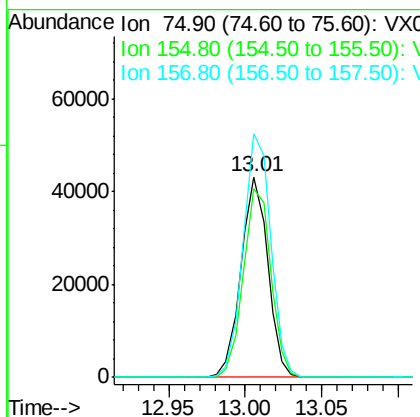
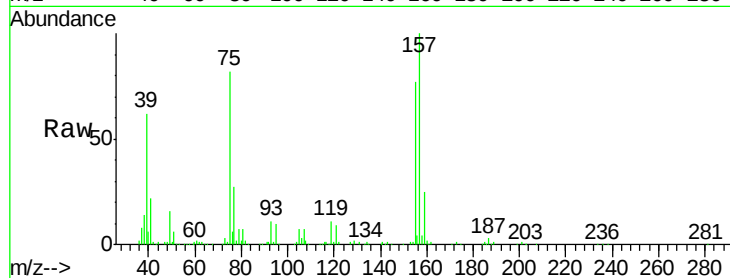
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.77 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	96.9	51.0	153.0
157	125.2	64.9	194.7

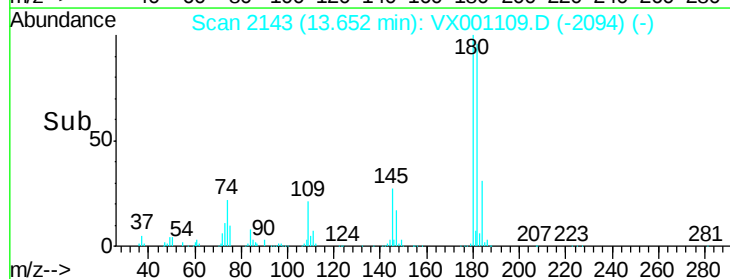
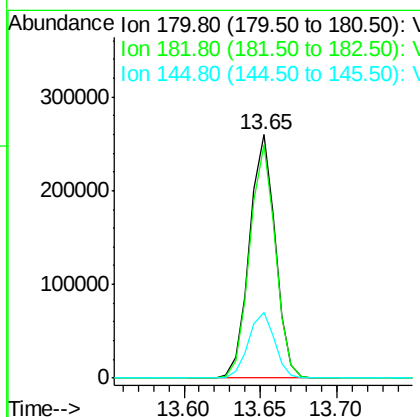
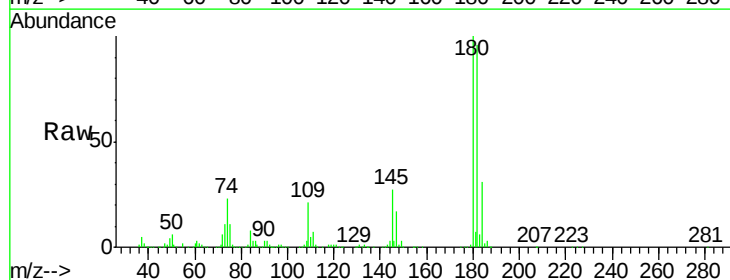
Manual Integrations
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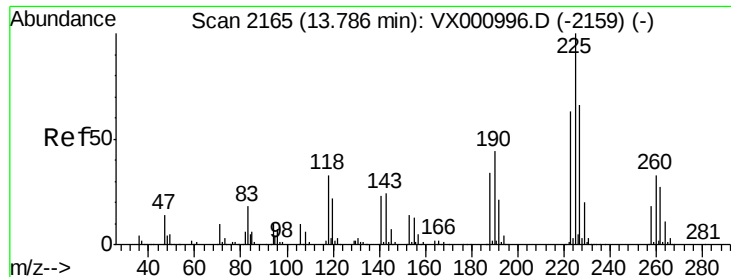
Sohil
 4/26/2018 4:06:34 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 47.04 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.0
145	27.5	13.9	41.7





#94

Hexachlorobutadiene

Concen: 50.33 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Instrument :

MSVOA_X

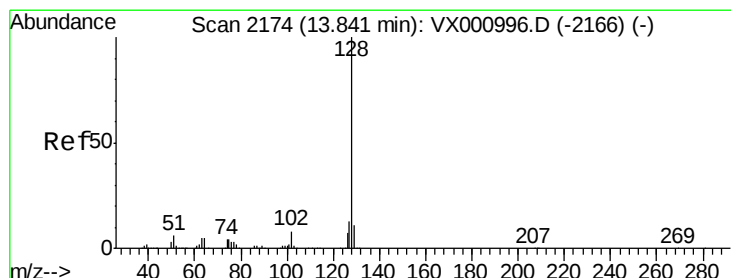
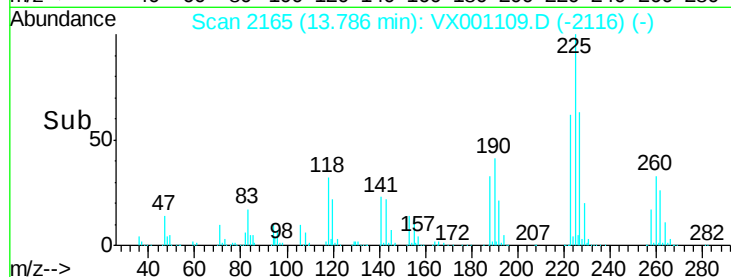
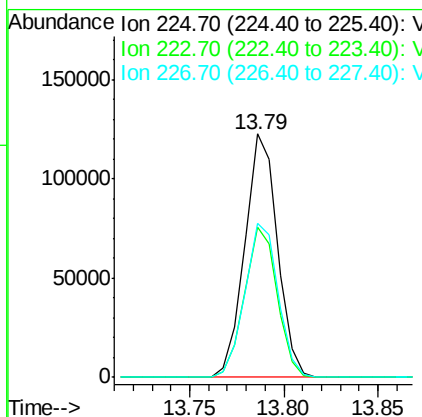
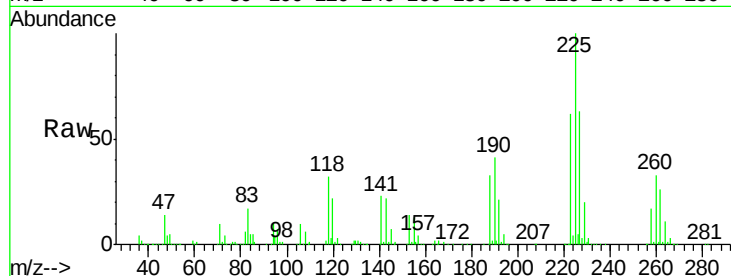
ClientSampleId :

LF015MW001-180416MS

Tot Ion:	225	Resp:	147221
Ion Ratio		Lower	Upper
225	100		
223	61.9	31.5	94.5
227	64.5	32.6	97.8

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:34 AM



#95

Naphthalene

Concen: 54.68 ug/l

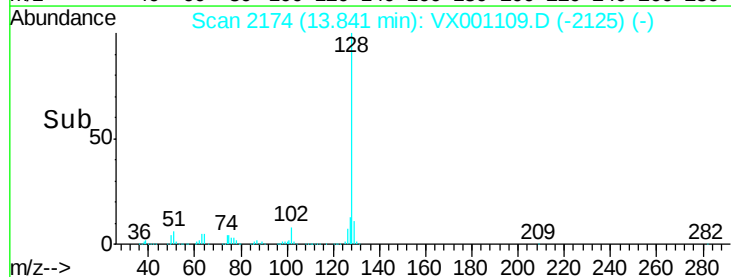
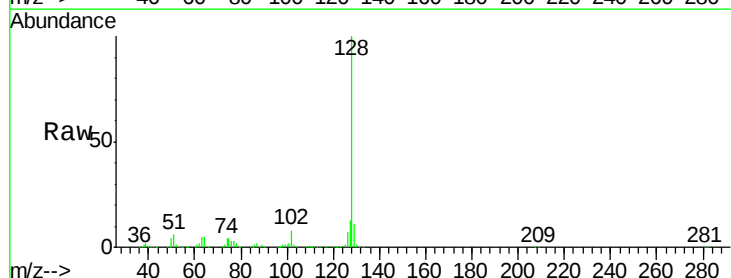
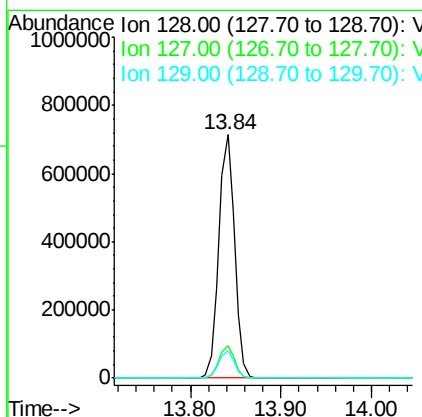
RT: 13.84 min Scan# 2174

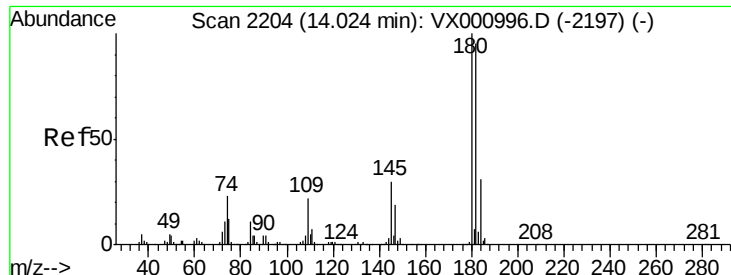
Delta R.T. 0.00 min

Lab File: VX001109.D

Acq: 25 Apr 2018 05:58

Tgt Ion:	128	Resp:	869409
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.0	8.7	13.1





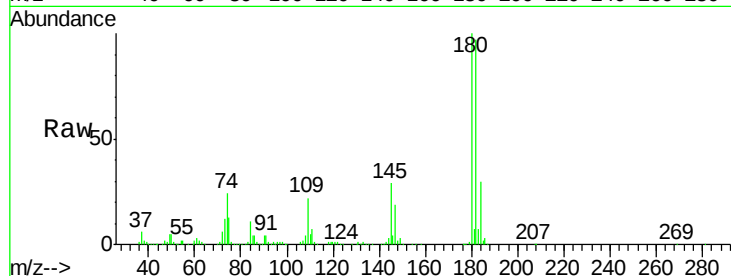
#96
 1,2,3-Trichlorobenzene
 Concen: 49.24 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX001109.D
 Acq: 25 Apr 2018 05:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	47.9	143.7
145	28.9	14.5	43.6

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:34 AM



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

