

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001110.D
 Acq On : 25 Apr 2018 06:23
 Operator : JC/MD
 Sample : J2463-18MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:36 AM

Quant Time: Apr 25 08:43:30 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	240659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222055	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	158844	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	5.51	113	129928	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	8.72	98	463693	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.14	95	191493	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	158898	53.24	ug/l	98
3) Chloromethane	1.32	50	141955	51.08	ug/l	99
4) Vinyl Chloride	1.40	62	164585	57.14	ug/l	100
5) Bromomethane	1.64	94	95284	58.85	ug/l	100
6) Chloroethane	1.73	64	88397	51.64	ug/l	98
7) Trichlorofluoromethane	1.93	101	231394	53.47	ug/l	97
8) Diethyl Ether	2.19	74	85113	53.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127730	50.38	ug/l	98
10) Methyl Iodide	2.51	142	116277	47.01	ug/l	99
11) Tert butyl alcohol	3.07	59	143041	310.91	ug/l	100
12) 1,1-Dichloroethene	2.38	96	121048	51.62	ug/l	98
13) Acrolein	2.30	56	67722	462.75	ug/l	98
14) Allyl chloride	2.73	41	202894	47.81	ug/l	98
15) Acrylonitrile	3.15	53	351278	282.12	ug/l	99
16) Acetone	2.45	43	312958	272.43	ug/l	100
17) Carbon Disulfide	2.57	76	315944	47.28	ug/l	99
18) Methyl Acetate	2.78	43	211113	60.73	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	434813	55.16	ug/l	99
20) Methylene Chloride	2.86	84	134066	55.54	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	131630	50.43	ug/l	99
22) Diisopropyl ether	3.88	45	439730	53.53	ug/l	98
23) Vinyl Acetate	3.83	43	1696842	249.51	ug/l	100
24) 1,1-Dichloroethane	3.70	63	236116	51.25	ug/l	99
25) 2-Butanone	4.71	43	496607	276.93	ug/l	99
26) 2,2-Dichloropropane	4.59	77	73713	18.60	ug/l	81
27) cis-1,2-Dichloroethene	4.60	96	227283	78.17	ug/l	91
28) Bromochloromethane	5.03	49	98316	55.49	ug/l	98
29) Tetrahydrofuran	5.17	42	325081	286.87	ug/l	99
30) Chloroform	5.23	83	252153	52.84	ug/l	98
31) Cyclohexane	5.59	56	210010	48.83	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	224951	52.58	ug/l	99
36) 1,1-Dichloropropene	5.81	75	183598	47.03	ug/l	100
37) Ethyl Acetate	4.87	43	187933	52.48	ug/l	99
38) Carbon Tetrachloride	5.79	117	198729	50.27	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	211628	46.57	ug/l	99
40) Benzene	6.15	78	549845	50.66	ug/l	99
41) Methacrylonitrile	5.07	41	117287	52.44	ug/l	99
42) 1,2-Dichloroethane	6.21	62	214531	51.49	ug/l	99
43) Isopropyl Acetate	6.48	43	322456	52.48	ug/l	99
44) Trichloroethene	7.22	130	157064	47.36	ug/l	97
45) 1,2-Dichloropropane	7.52	63	140566	51.50	ug/l	98
46) Dibromomethane	7.67	93	98078	51.43	ug/l	99
47) Bromodichloromethane	7.91	83	187868	53.18	ug/l	100
48) Methyl methacrylate	7.79	41	176623	53.39	ug/l	98
49) 1,4-Dioxane	7.76	88	54789	1126.18	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1080127	289.53	ug/l	99
52) Toluene	8.79	92	360404	50.87	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	189159	44.77	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	182031	45.69	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	145659	51.73	ug/l	99
56) Ethyl methacrylate	9.19	69	222371	53.77	ug/l	98
57) 1,3-Dichloropropane	9.38	76	240882	51.64	ug/l	100
59) 2-Hexanone	9.51	43	815297	285.52	ug/l	99
60) Dibromochloromethane	9.59	129	160718	54.34	ug/l	99
61) 1,2-Dibromoethane	9.68	107	157201	52.90	ug/l	100
64) Tetrachloroethene	9.34	164	155119	45.56	ug/l	98
65) Chlorobenzene	10.15	112	576108	67.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	155250	52.98	ug/l	99
67) Ethyl Benzene	10.26	91	702755	49.57	ug/l	98
68) m/p-Xylenes	10.37	106	554574	99.25	ug/l	99
69) o-Xylene	10.71	106	272803	50.64	ug/l	99
70) Stvrene	10.72	104	450492	50.78	ug/l	99
71) Bromoform	10.87	173	132638	48.69	ug/l	100
73) Isopropylbenzene	11.02	105	729421	50.25	ug/l	99
74) N-amyl acetate	6.48	43	322456	51.93	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228038	55.49	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	205473m	53.33	ug/l	
77) Bromobenzene	11.26	156	209523	49.72	ug/l	99
78) n-propylbenzene	11.37	91	819998	49.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	496120	50.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	624298	50.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	41412	34.09	ug/l	95
82) 4-Chlorotoluene	11.52	91	590168	49.60	ug/l	99
83) tert-Butylbenzene	11.77	119	648117	52.21	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	647091	51.10	ug/l	99
85) sec-Butylbenzene	11.95	105	747809	50.47	ug/l	99
86) p-Isopropyltoluene	12.07	119	678075	49.47	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	388298	49.22	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	457242	56.47	ug/l	100
89) n-Butylbenzene	12.40	91	575167	47.16	ug/l	100
90) Hexachloroethane	12.60	117	105333	54.23	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	404297	52.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50350	58.48	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	299145	46.66	ug/l	99

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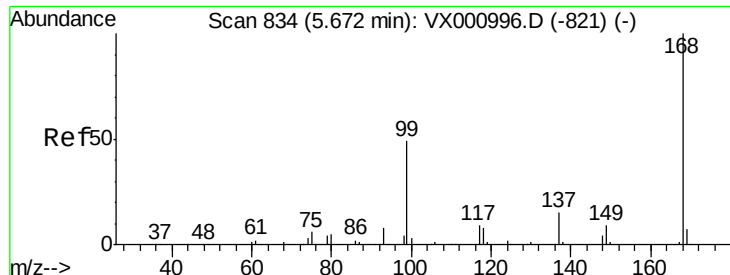
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	143544	49.48	ug/l	99
95) Naphthalene	13.84	128	850613	53.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	303782	48.99	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

Tot Ion:168 Resp: 240659

Ion Ratio Lower Upper

168 100

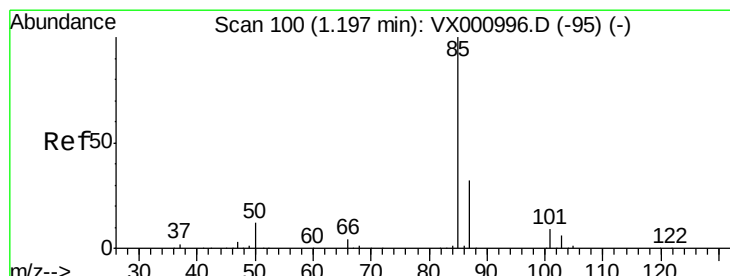
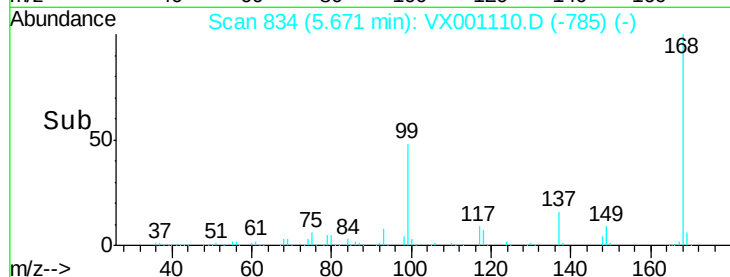
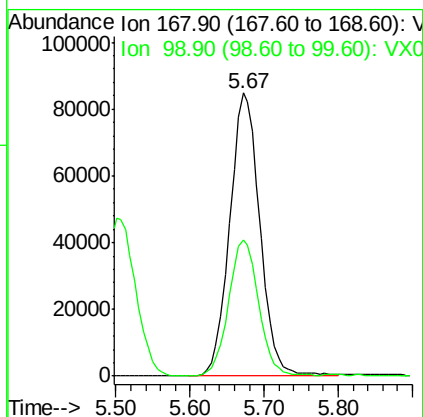
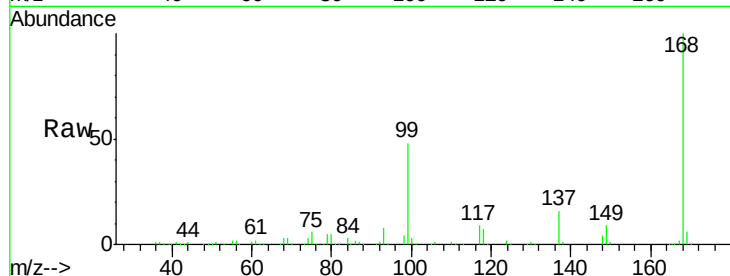
99 48.0 39.2 58.8

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#2

Dichlorodifluoromethane

Concen: 53.24 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001110.D

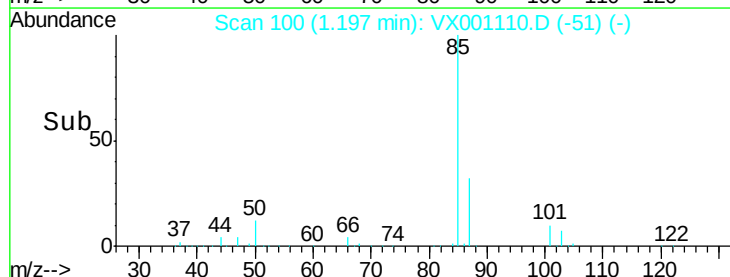
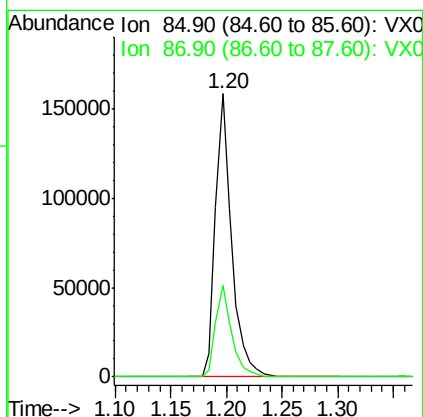
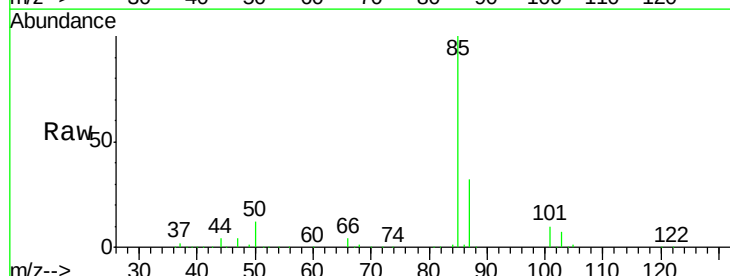
Acq: 25 Apr 2018 06:23

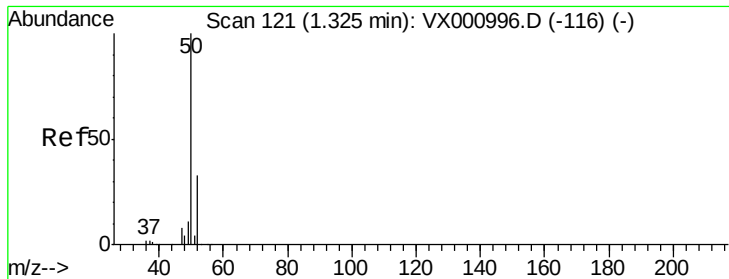
Tgt Ion: 85 Resp: 158898

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4





#3

Chloromethane

Concen: 51.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

Tot Ion: 50 Resp: 141955

Ion Ratio Lower Upper

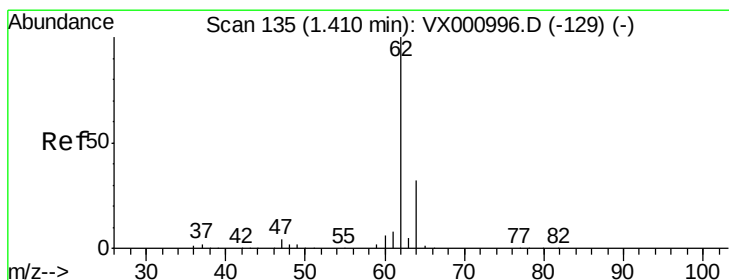
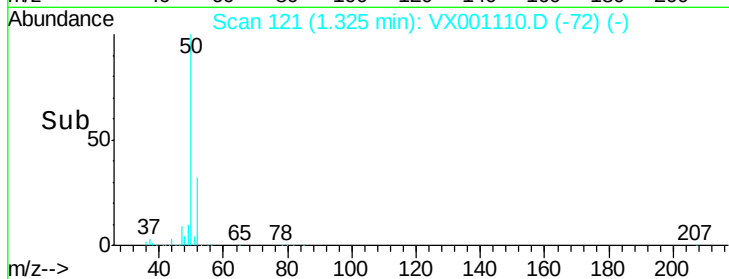
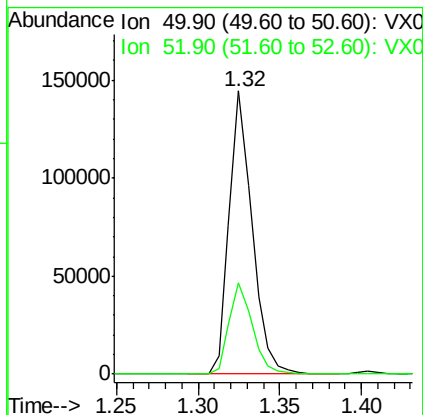
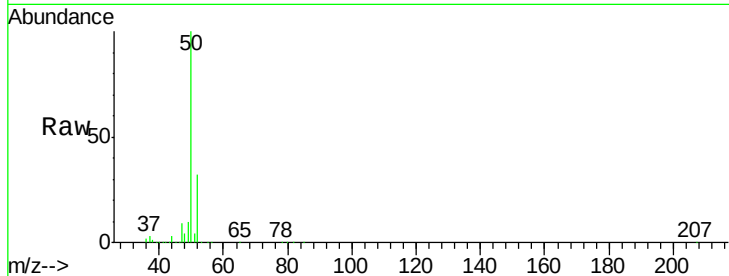
50 100

52 32.1 26.3 39.5

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#4

Vinyl Chloride

Concen: 57.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001110.D

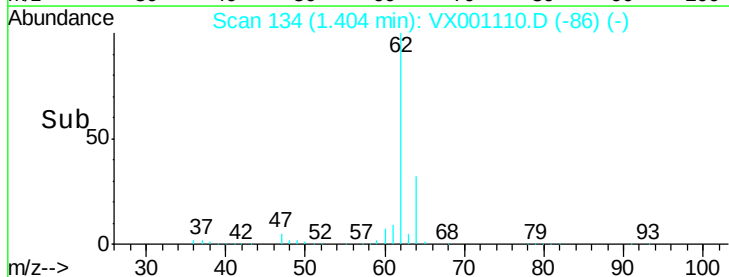
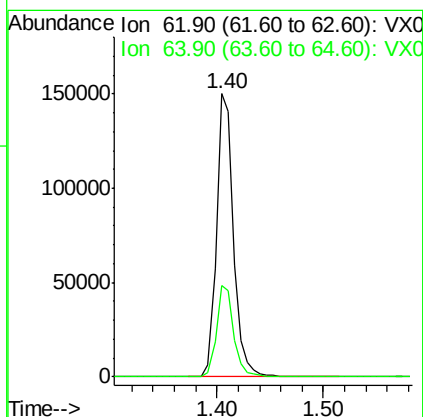
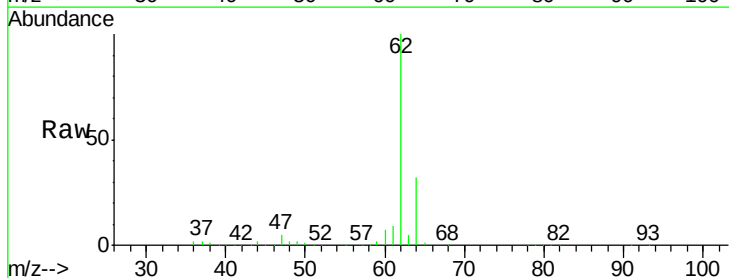
Acq: 25 Apr 2018 06:23

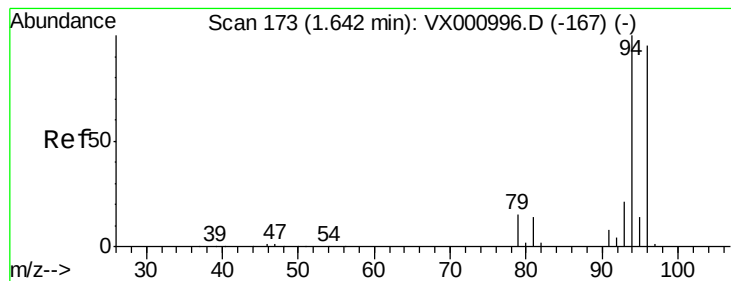
Tgt Ion: 62 Resp: 164585

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 58.85 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

Tot Ion: 94 Resp: 95284

Ion Ratio Lower Upper

94 100

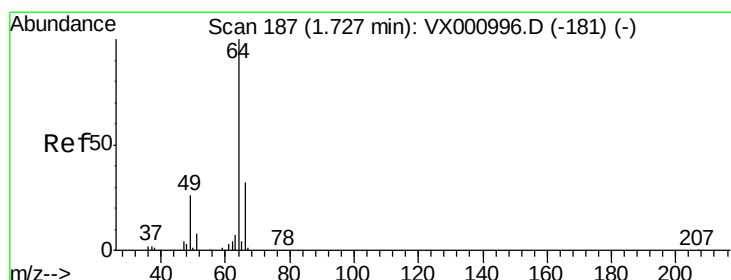
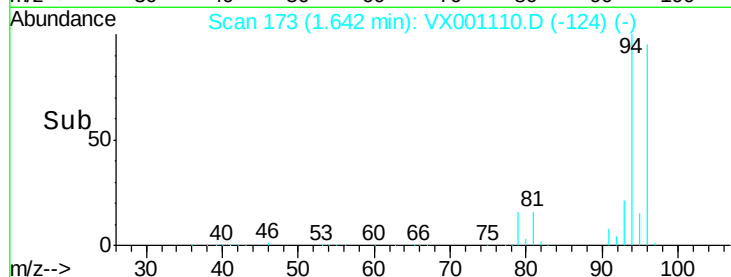
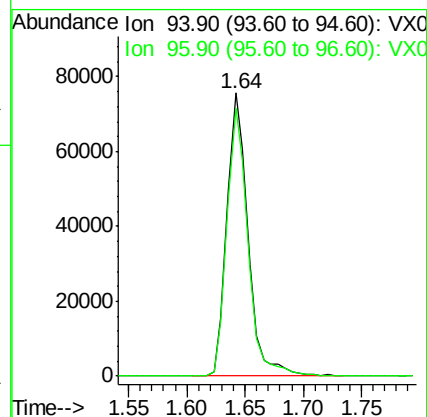
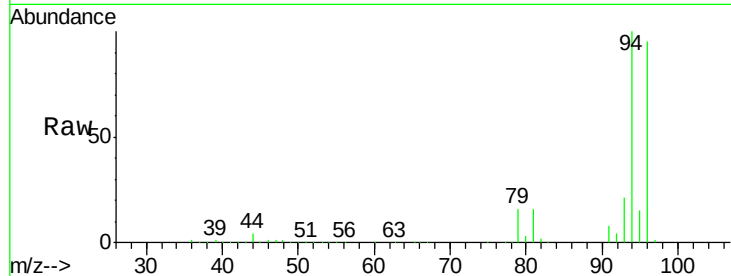
96 94.7 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 51.64 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001110.D

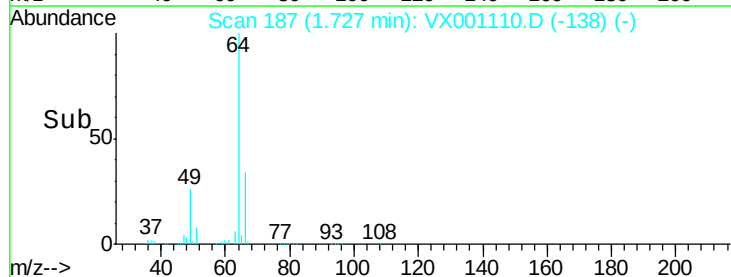
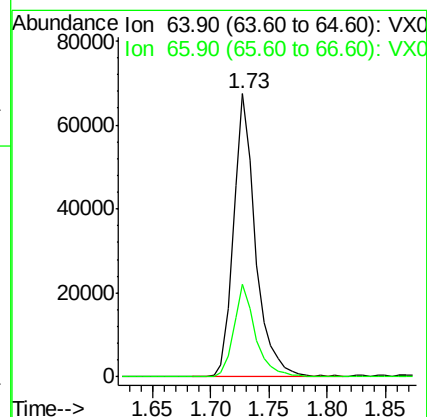
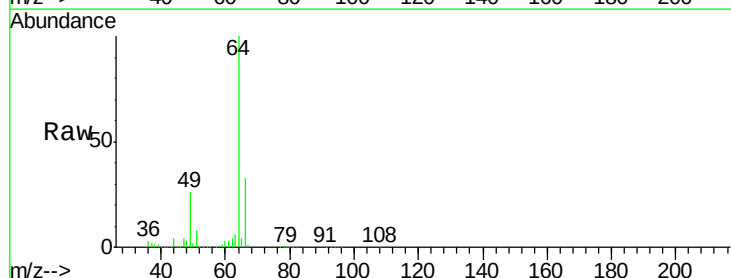
Acq: 25 Apr 2018 06:23

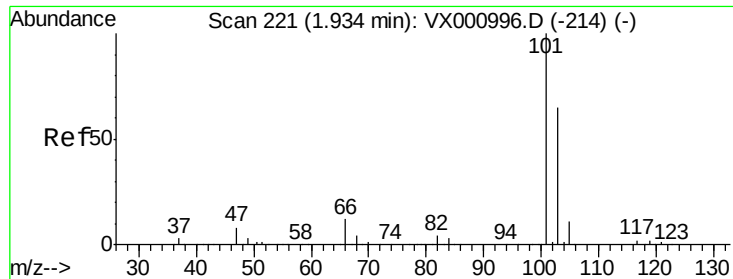
Tgt Ion: 64 Resp: 88397

Ion Ratio Lower Upper

64 100

66 32.7 25.3 37.9





#7

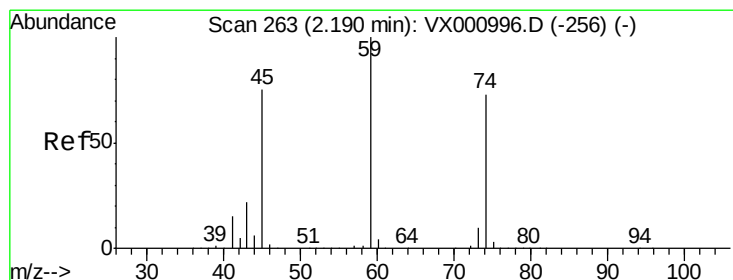
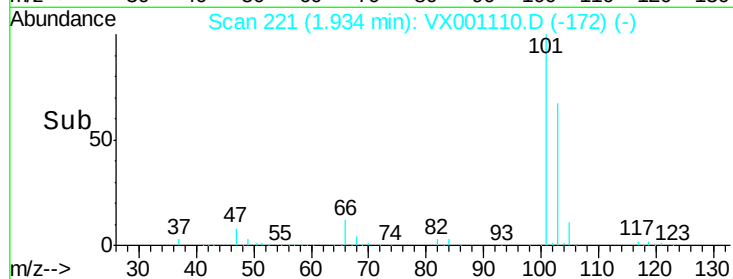
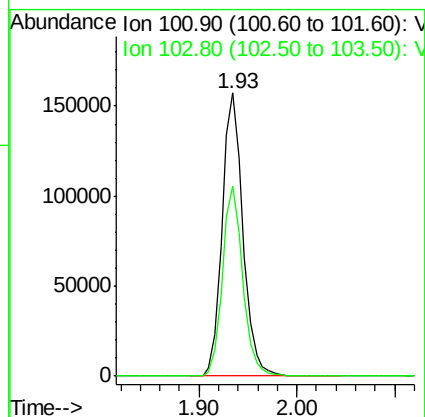
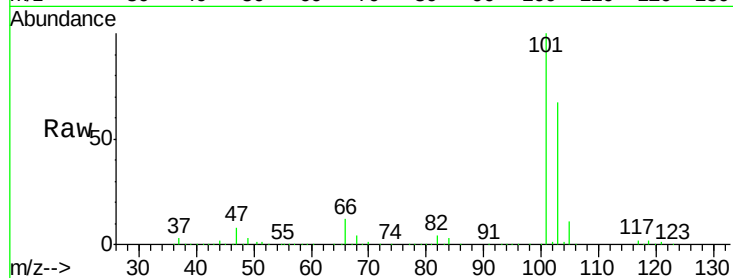
Trichlorofluoromethane
Concen: 53.47 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
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ClientSampleId :
LF015MW001-180416MSD

Tot Ion:101 Resp: 231394
Ion Ratio Lower Upper
101 100
103 67.0 51.8 77.8

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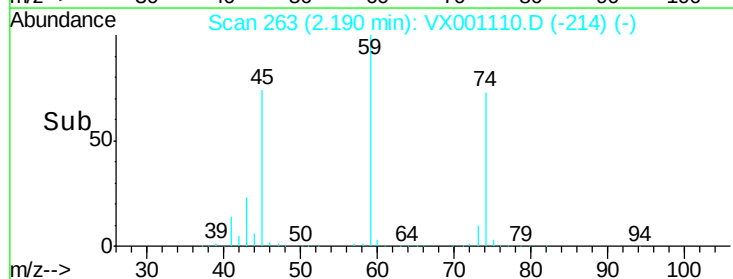
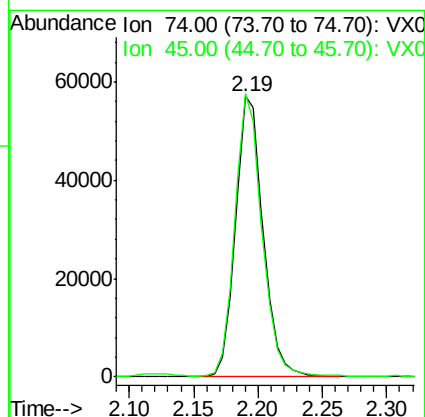
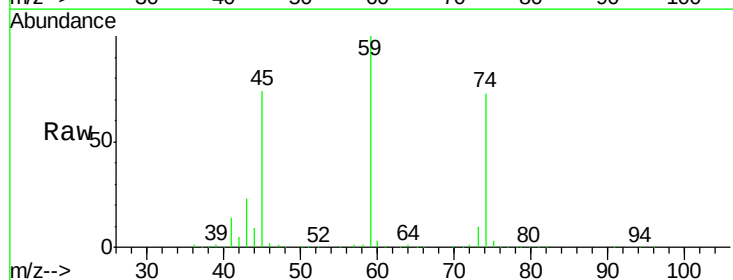
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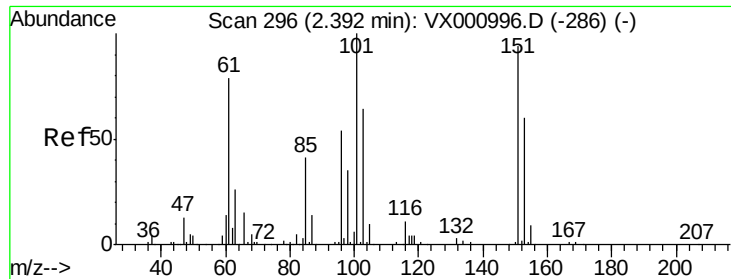


#8

Diethyl Ether
Concen: 53.25 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 74 Resp: 85113
Ion Ratio Lower Upper
74 100
45 98.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.38 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

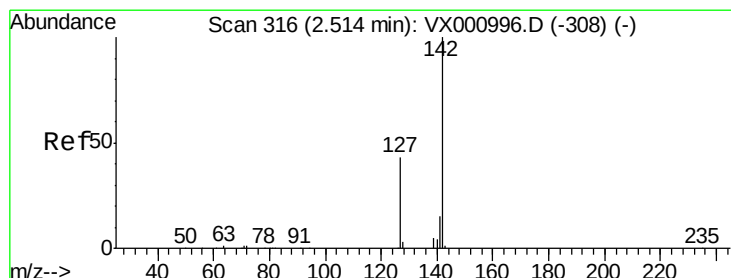
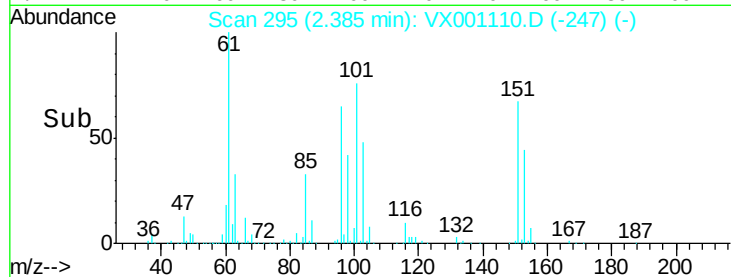
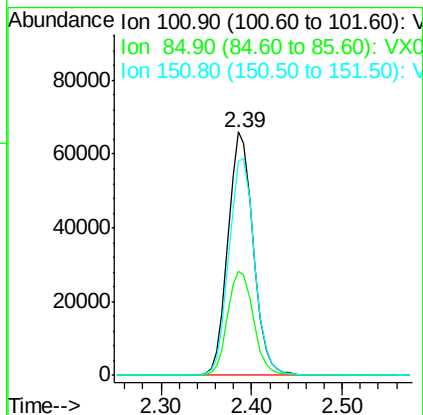
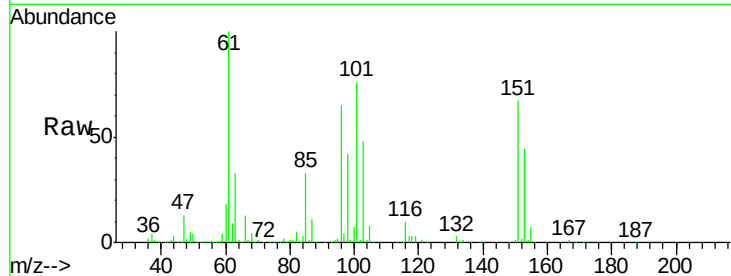
ClientSampleId :

LF015MW001-180416MSD

Tot Ion:	101	Resp:	127730
Ion Ratio	Lower	Upper	
101	100		
85	43.9	33.9	50.9
151	90.6	73.5	110.3

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#10

Methyl Iodide

Concen: 47.01 ug/l

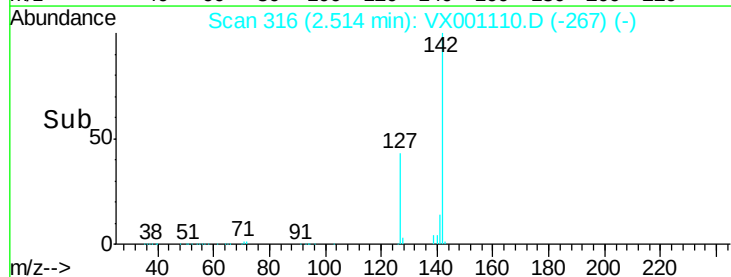
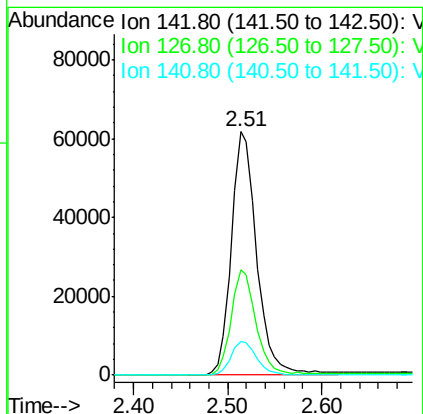
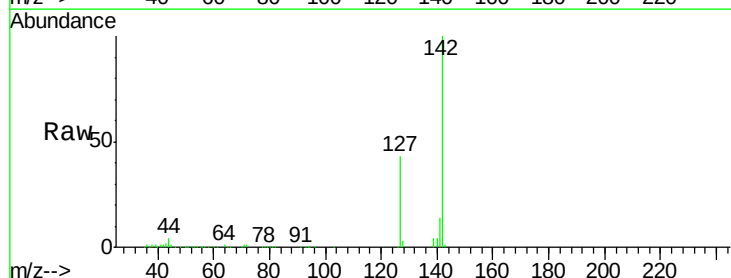
RT: 2.51 min Scan# 316

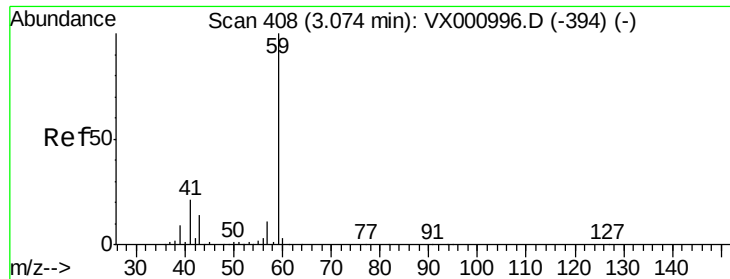
Delta R.T. 0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion:	142	Resp:	116277
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.0	51.0
141	14.0	11.4	17.2





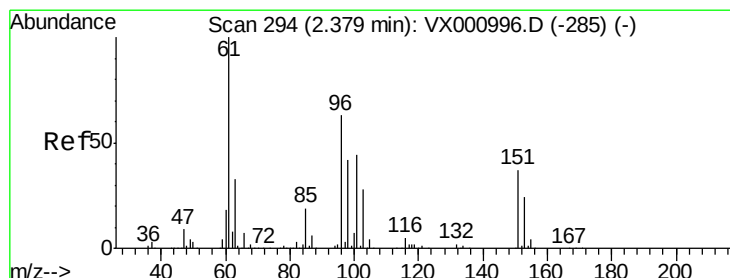
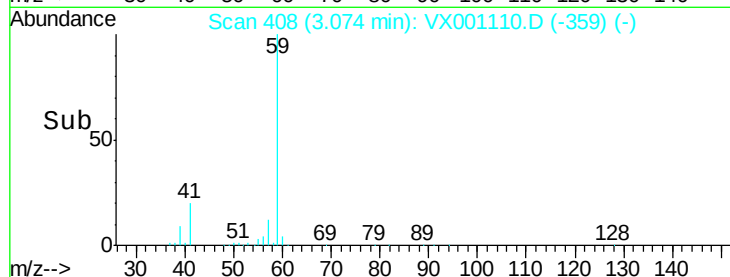
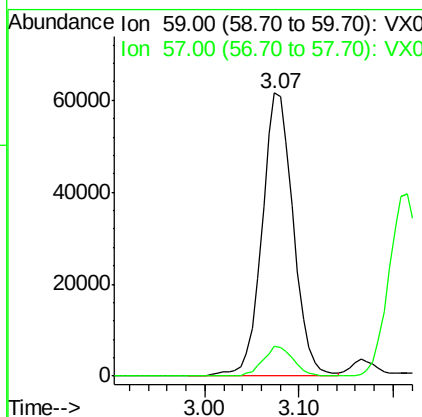
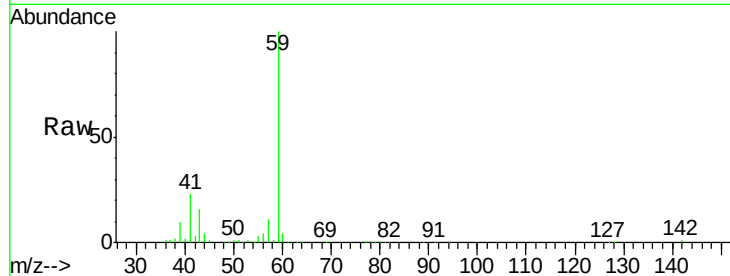
#11
Tert butyl alcohol
Concen: 310.91 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion: 59 Resp: 143041
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

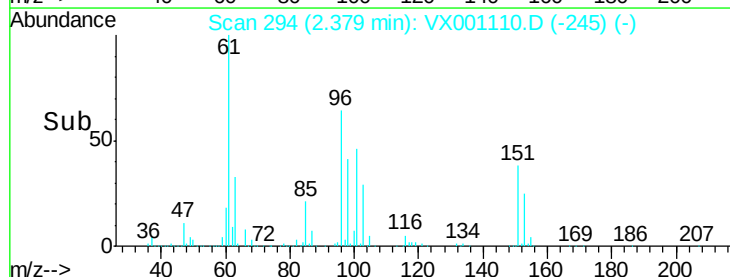
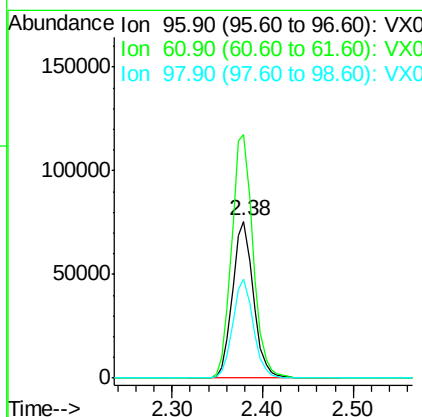
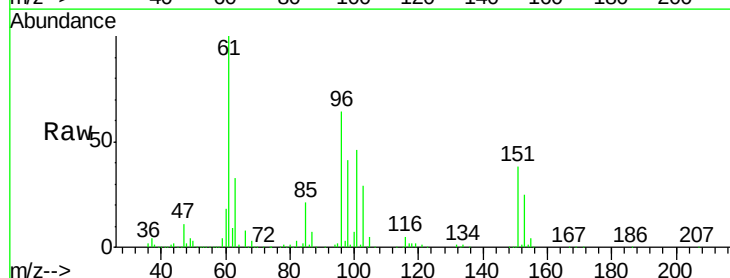
Manual Integrations
APPROVED

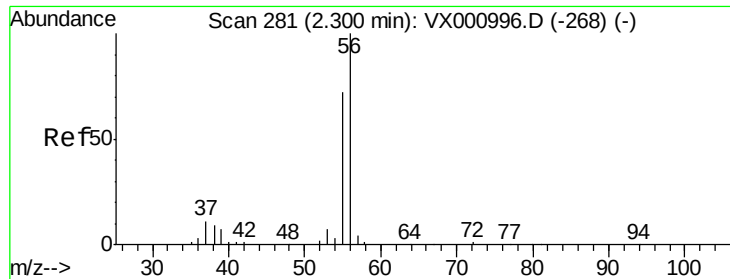
Sohil
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#12
1,1-Dichloroethene
Concen: 51.62 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 96 Resp: 121048
Ion Ratio Lower Upper
96 100
61 155.4 126.4 189.6
98 63.5 52.6 78.8





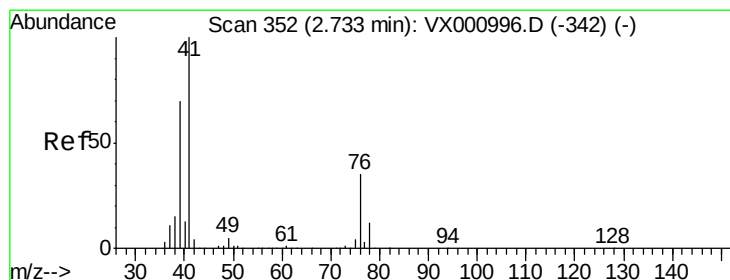
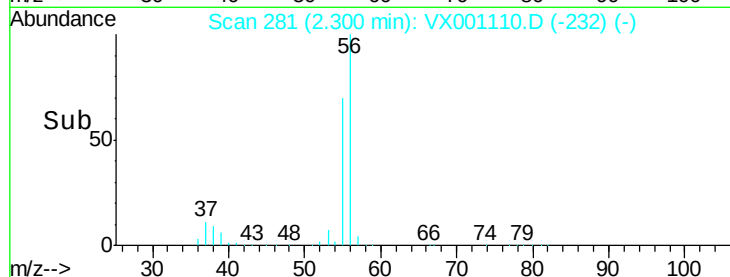
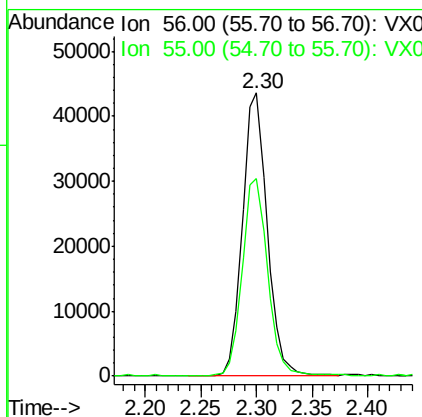
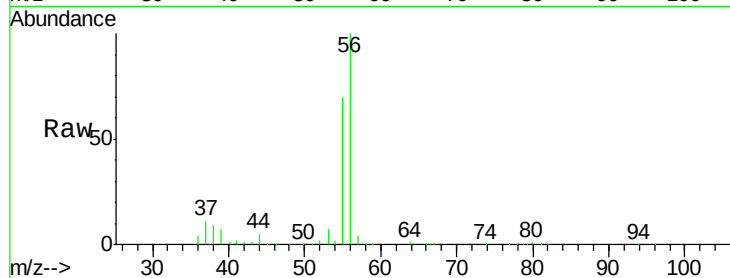
#13
Acrolein
Concen: 462.75 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion	56	Resp	67722
Ion Ratio	100	Lower	Upper
55	70.5	57.4	86.2

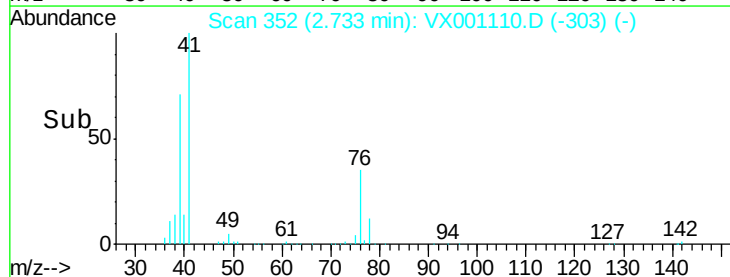
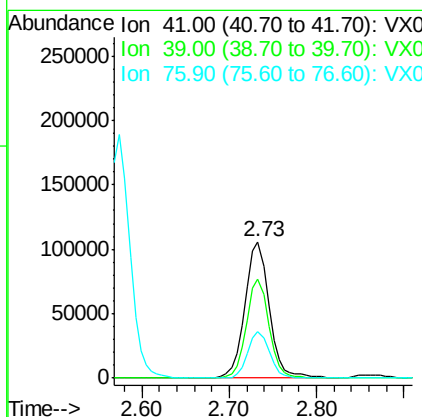
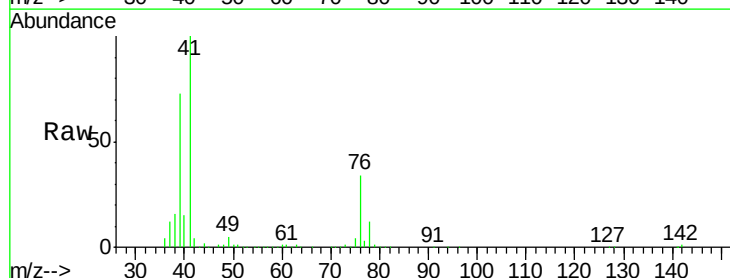
Manual Integrations
APPROVED

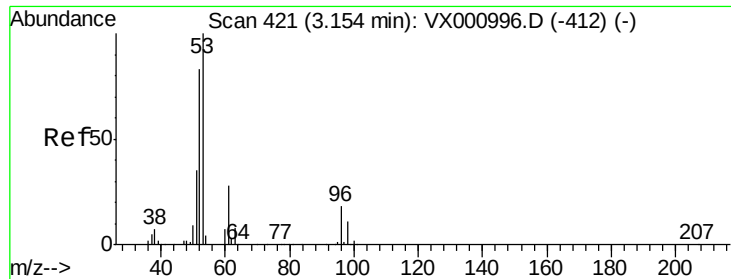
Sohil
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#14
Allyl chloride
Concen: 47.81 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion	41	Resp	202894
Ion Ratio	100	Lower	Upper
39	67.8	53.0	79.6
76	30.9	25.9	38.9





#15

Acrylonitrile

Concen: 282.12 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

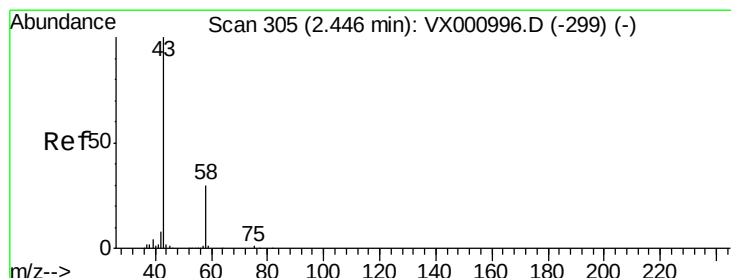
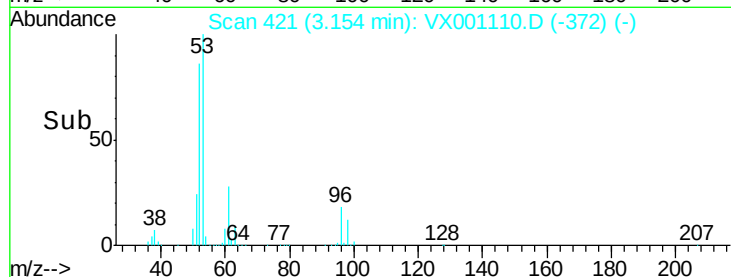
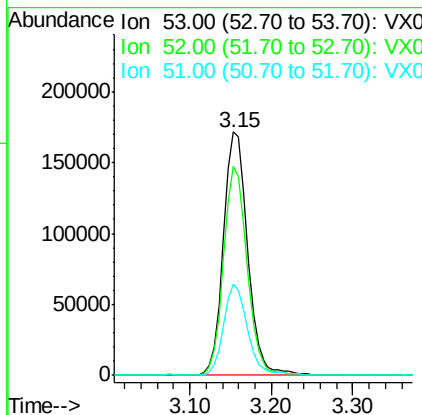
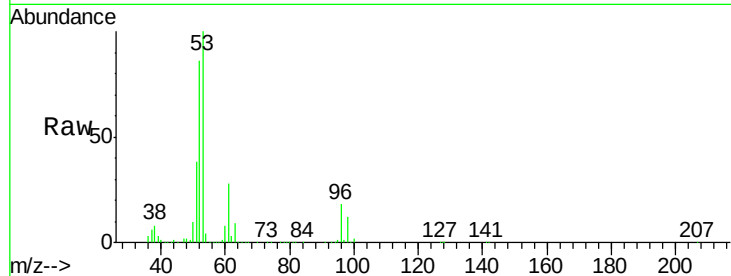
ClientSampleId :

LF015MW001-180416MSD

Tot Ion:	53	Resp:	351278
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.4	99.6
51	37.1	29.0	43.6

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#16

Acetone

Concen: 272.43 ug/l

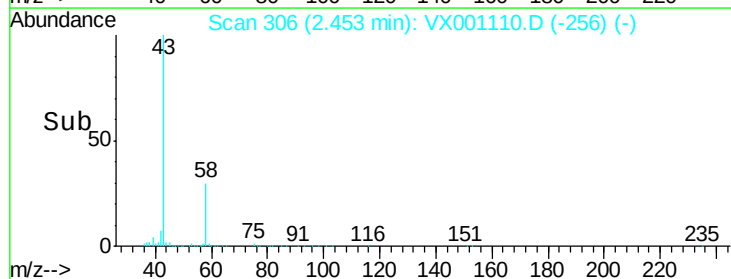
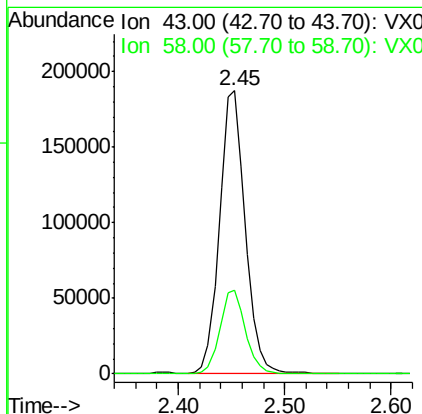
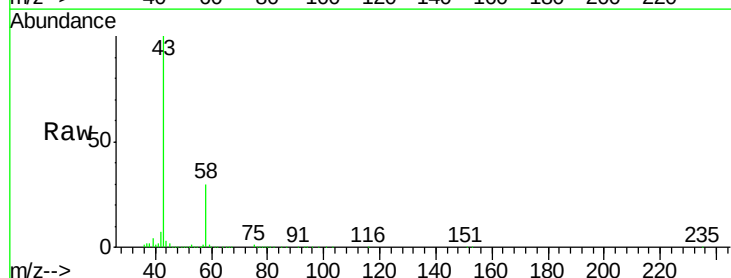
RT: 2.45 min Scan# 306

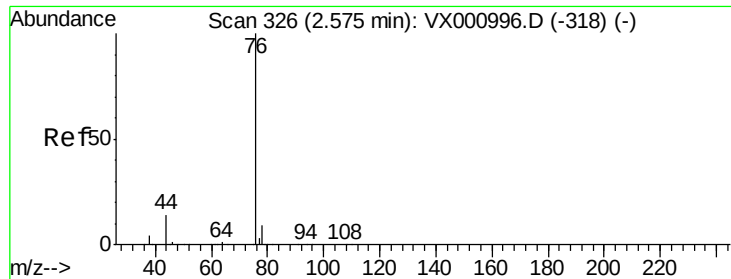
Delta R.T. 0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion:	43	Resp:	312958
Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.7	35.5





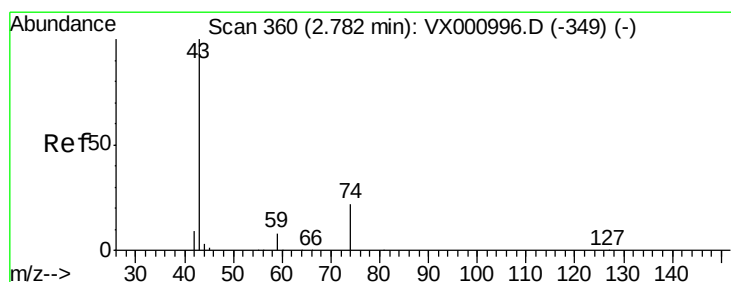
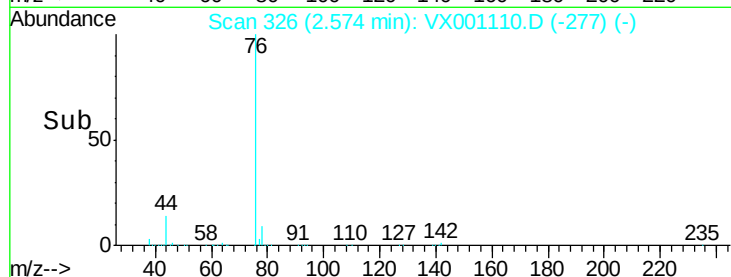
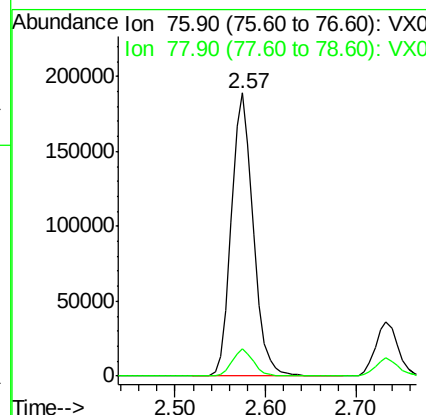
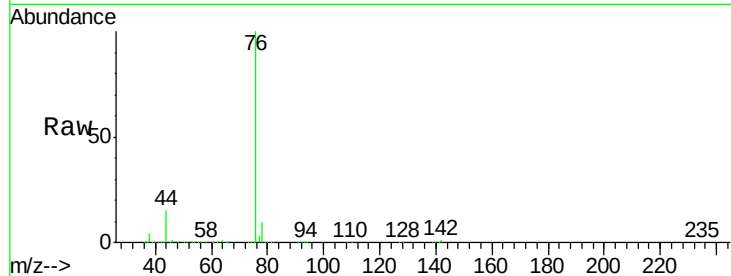
#17
Carbon Disulfide
Concen: 47.28 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

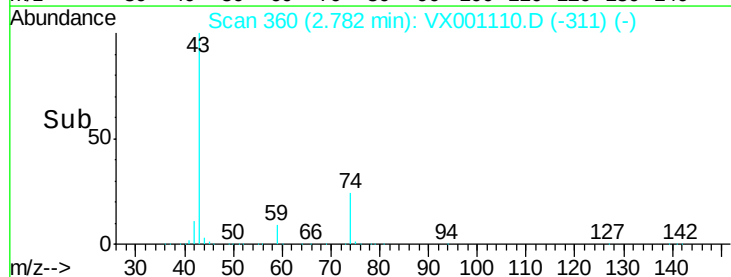
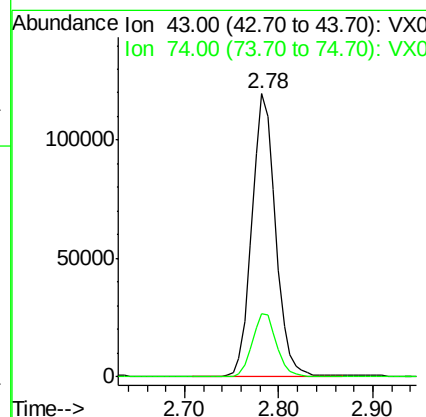
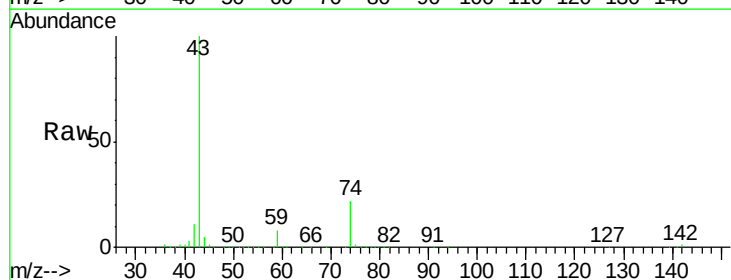
Manual Integrations
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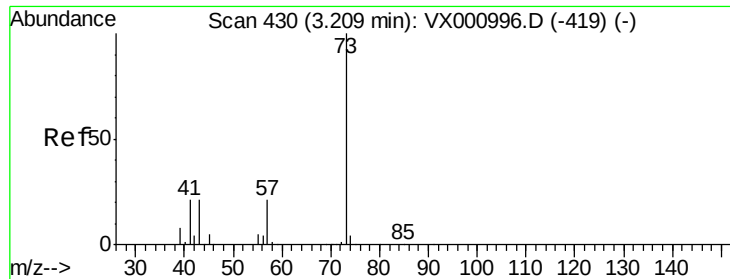
Sohil
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#18
Methyl Acetate
Concen: 60.73 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.3	27.5





#19

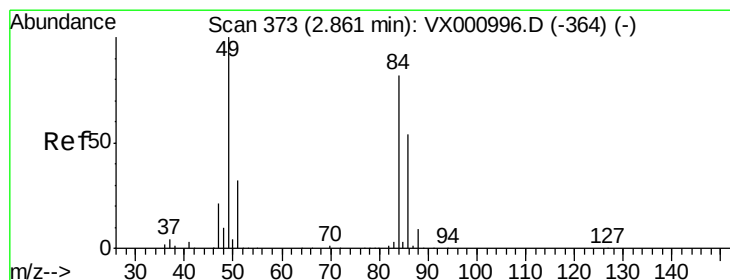
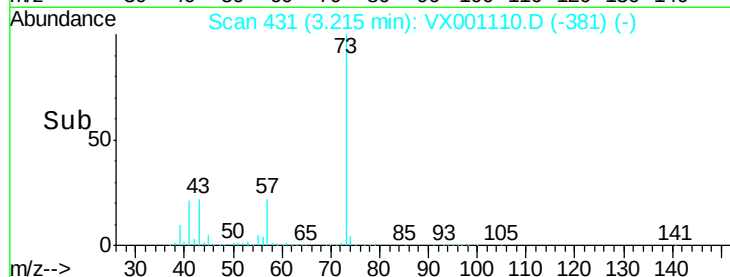
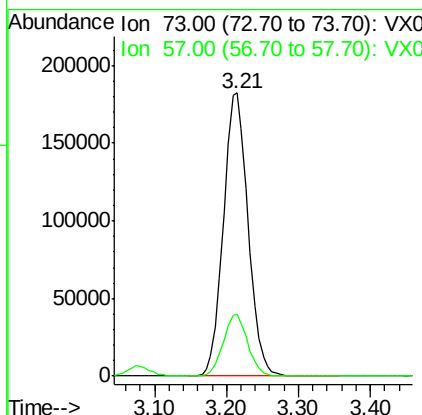
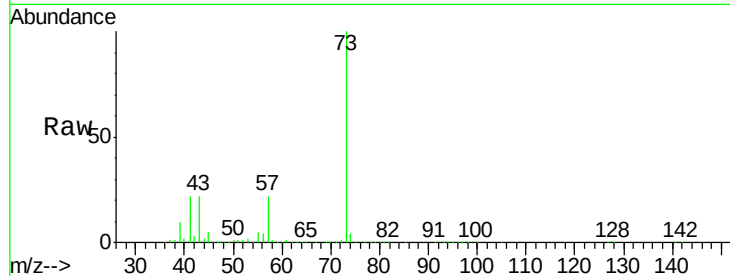
Methyl tert-butyl Ether
 Concen: 55.16 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.1	25.7

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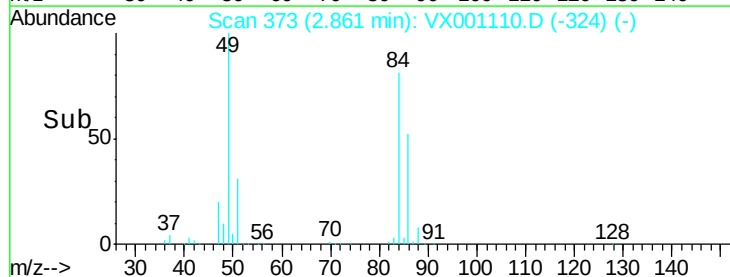
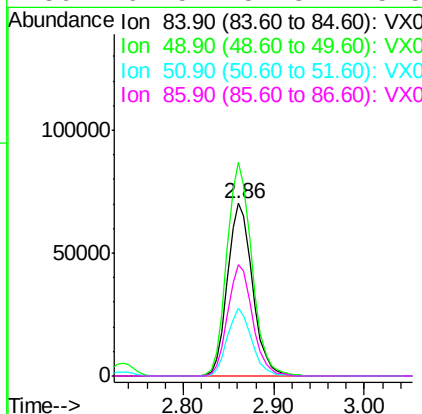
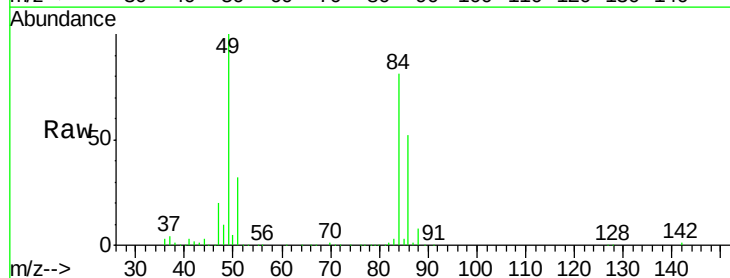
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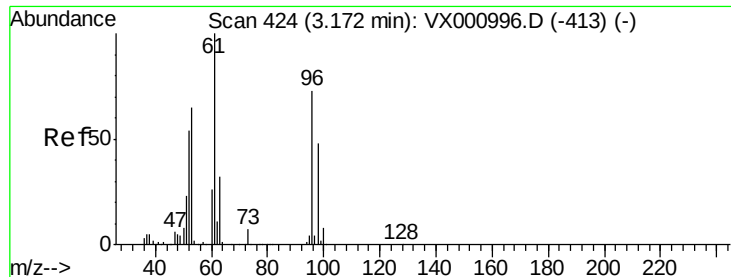


#20

Methylene Chloride
 Concen: 55.54 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	97.1	145.7
51	39.1	30.8	46.2
86	64.5	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 50.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

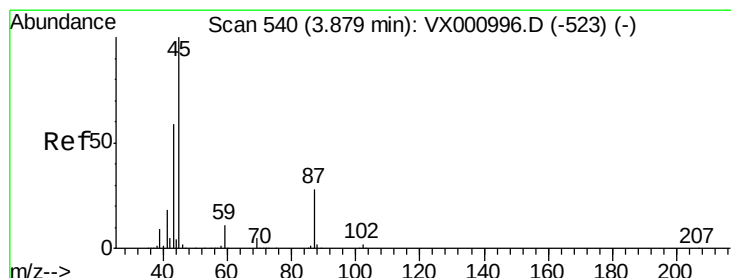
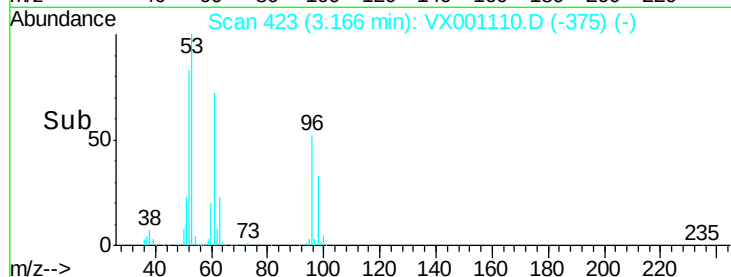
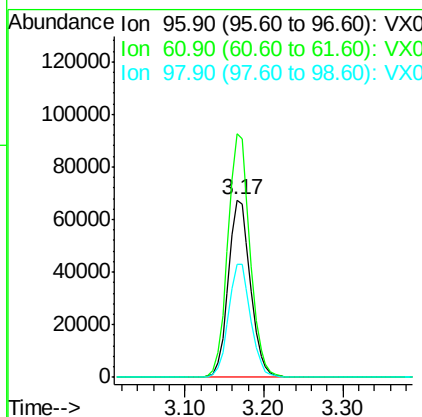
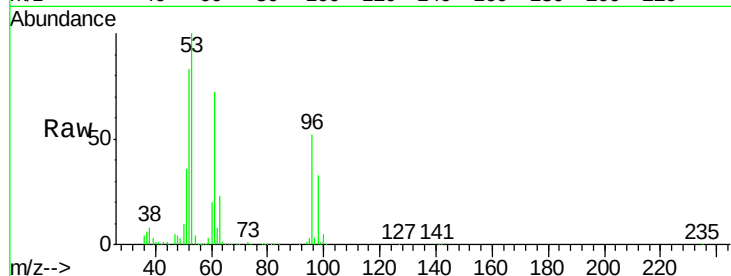
ClientSampleId :

LF015MW001-180416MSD

Tot Ion:	96	Resp:	131630
Ion	Ratio	Lower	Upper
96	100		
61	137.1	109.4	164.2
98	63.6	52.6	78.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.53 ug/l

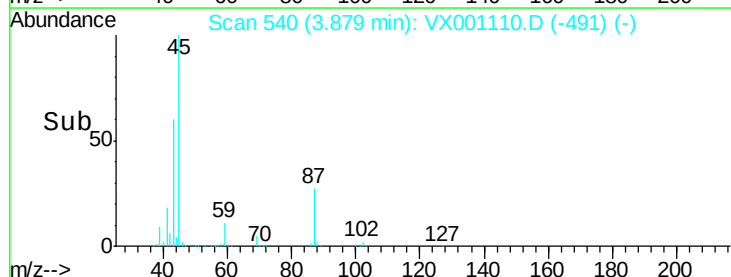
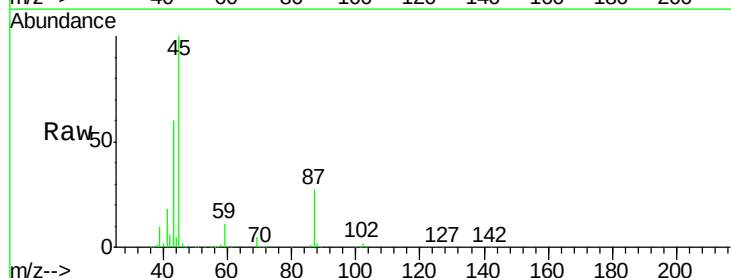
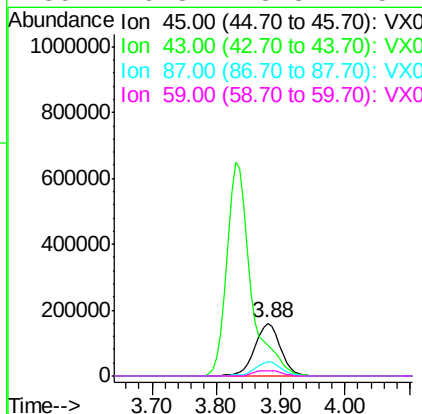
RT: 3.88 min Scan# 540

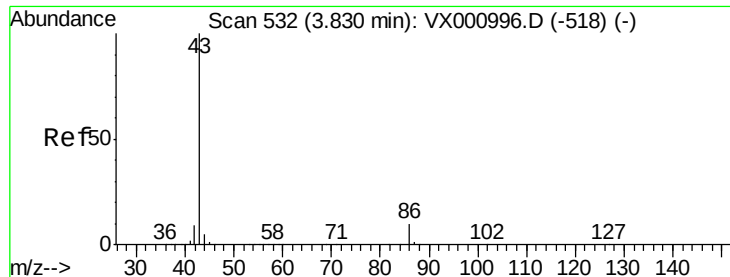
Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion:	45	Resp:	439730
Ion	Ratio	Lower	Upper
45	100		
43	59.5	47.0	70.4
87	26.5	22.5	33.7
59	10.8	8.8	13.2





#23

Vinyl Acetate

Concen: 249.51 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tot Ion: 43 Resp: 1696842

Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1

Instrument :

MSVOA_X

ClientSampleId :

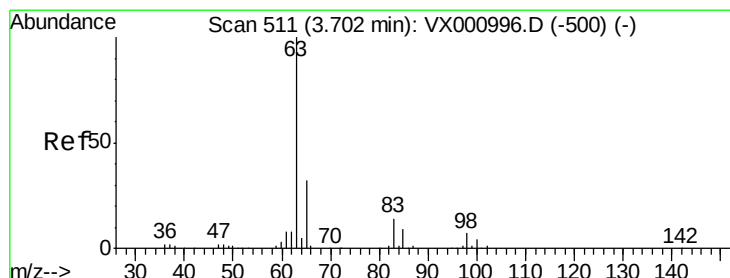
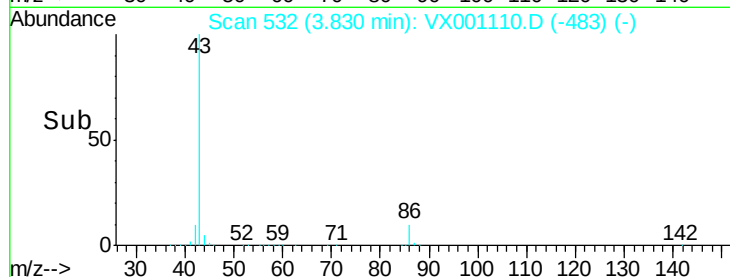
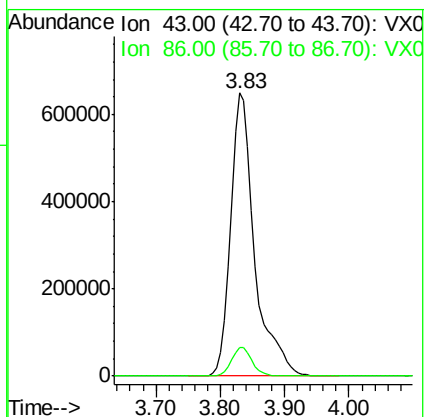
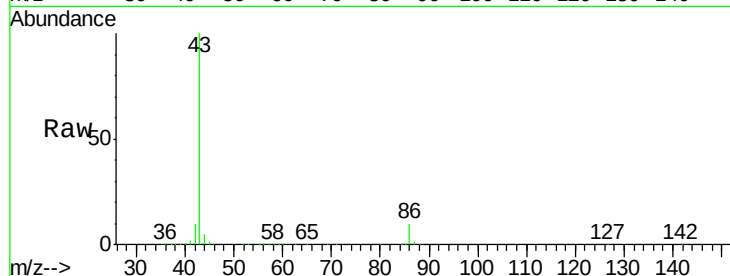
LF015MW001-180416MSD

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.25 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

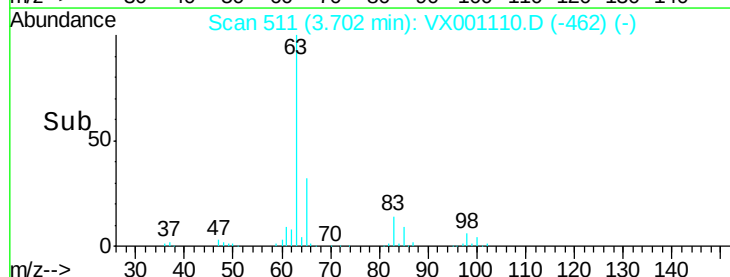
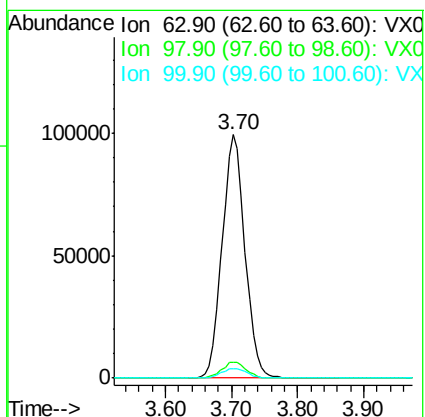
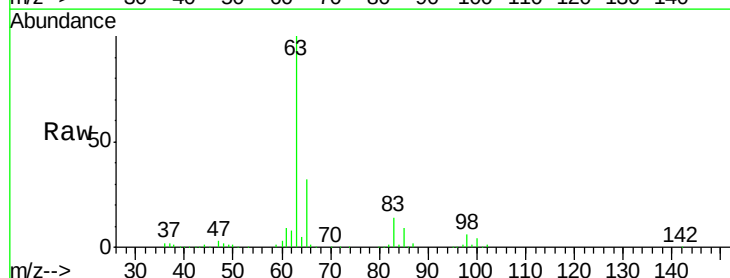
Tgt Ion: 63 Resp: 236116

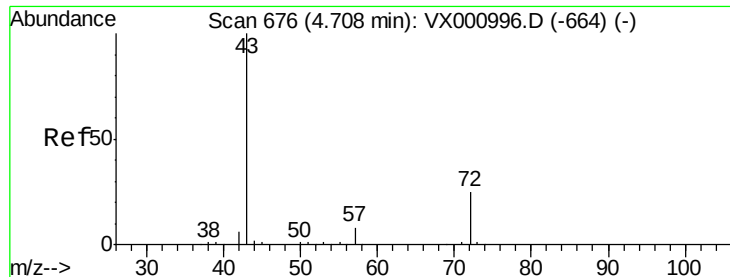
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 276.93 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

Tot Ion: 43 Resp: 496607

Ion Ratio Lower Upper

43 100

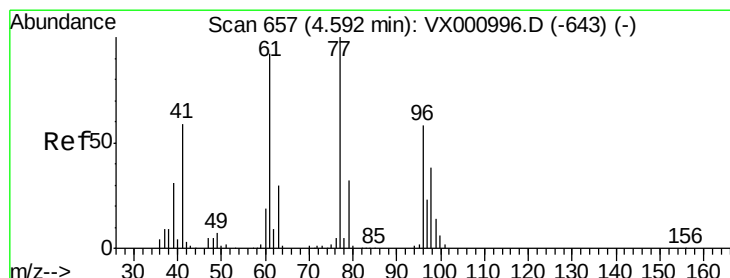
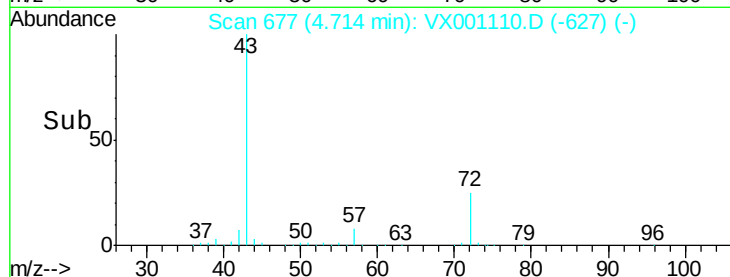
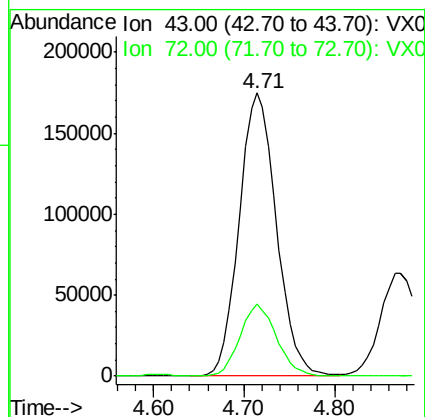
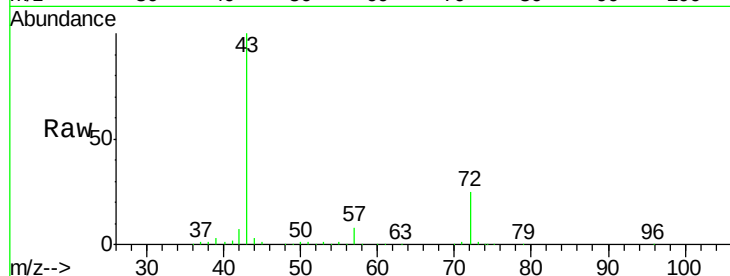
72 25.3 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.60 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001110.D

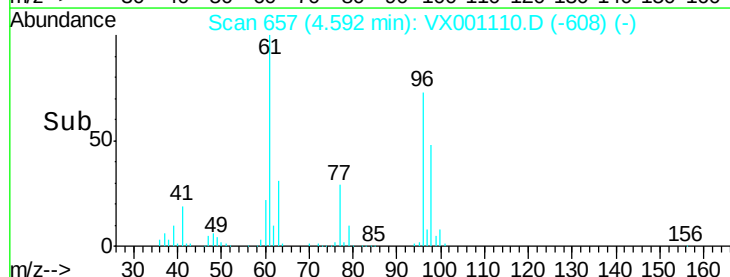
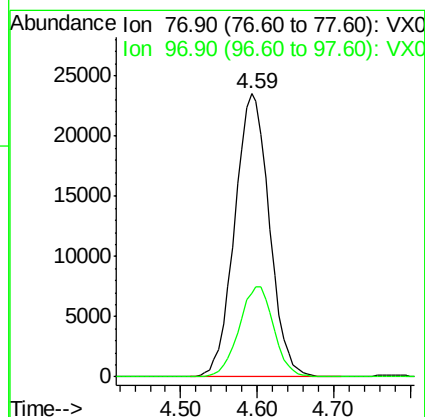
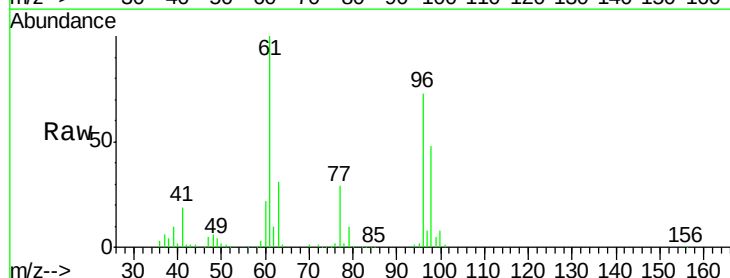
Acq: 25 Apr 2018 06:23

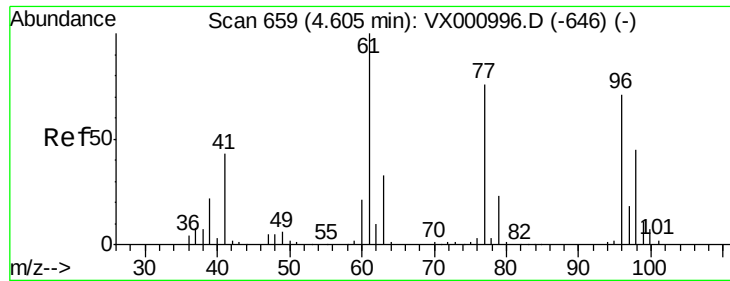
Tgt Ion: 77 Resp: 73713

Ion Ratio Lower Upper

77 100

97 32.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 78.17 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001110.D

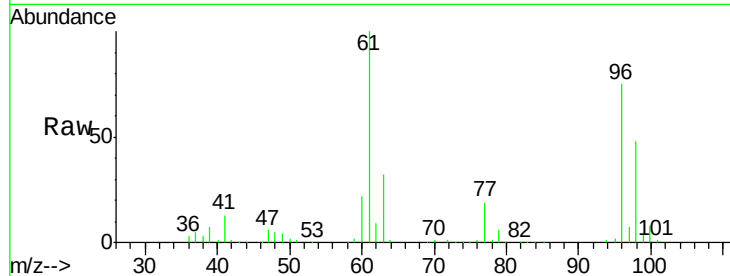
Acq: 25 Apr 2018 06:23

Tot Ion:	96	Resp:	227283
Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	297.0
98	64.6	0.0	130.0

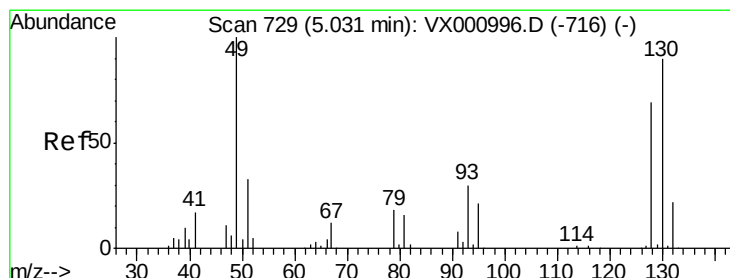
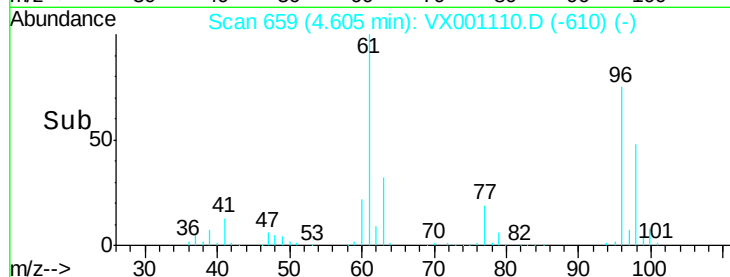
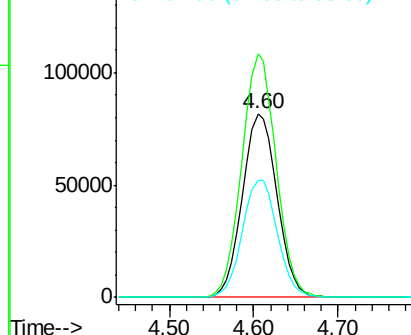
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

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



#28

Bromochloromethane

Concen: 55.49 ug/l

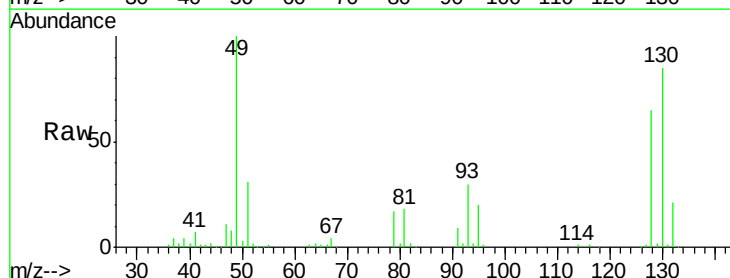
RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

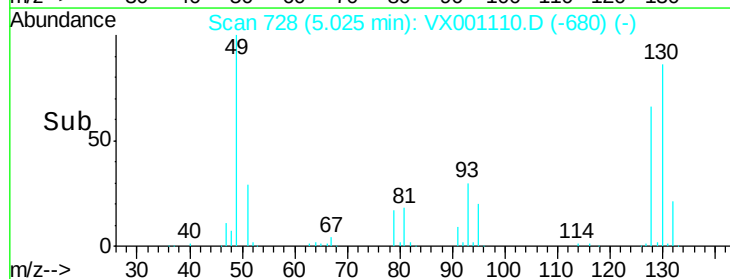
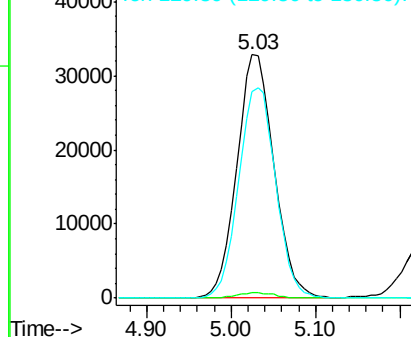
Lab File: VX001110.D

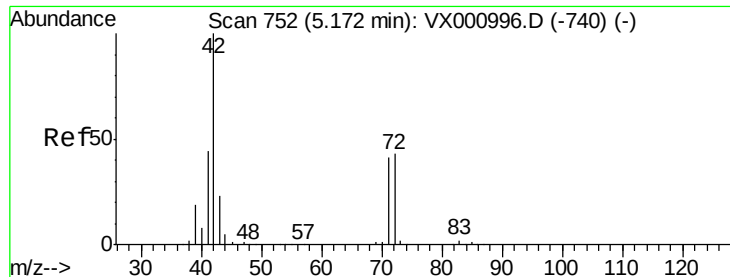
Acq: 25 Apr 2018 06:23

Tgt Ion:	49	Resp:	98316
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	86.2	70.6	105.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





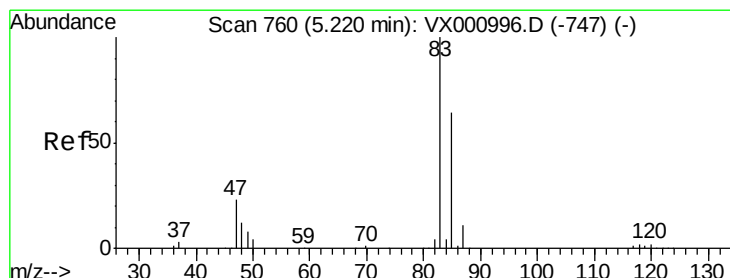
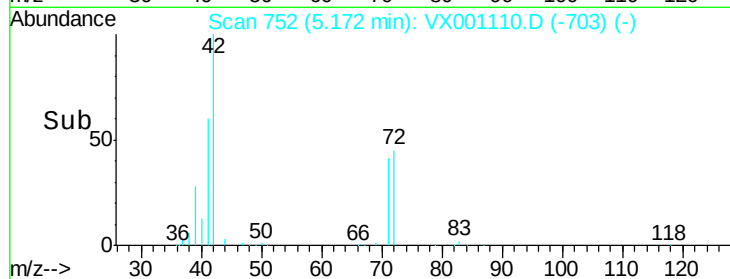
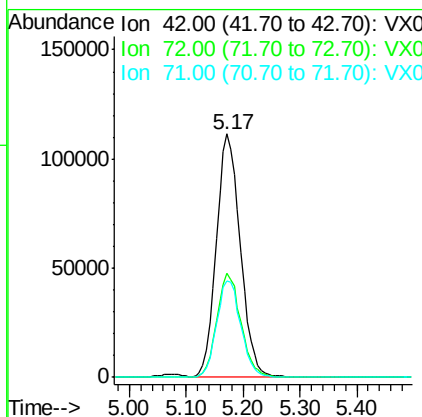
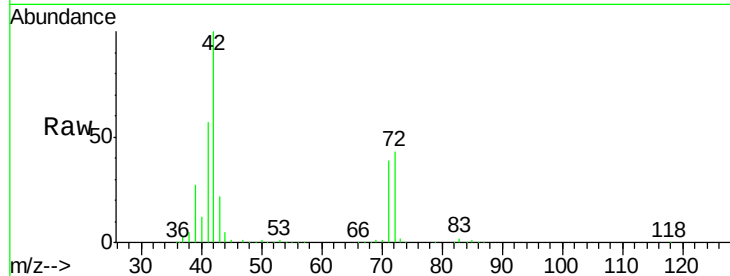
#29
Tetrahydrofuran
Concen: 286.87 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	52.0
71	40.2	32.6	49.0

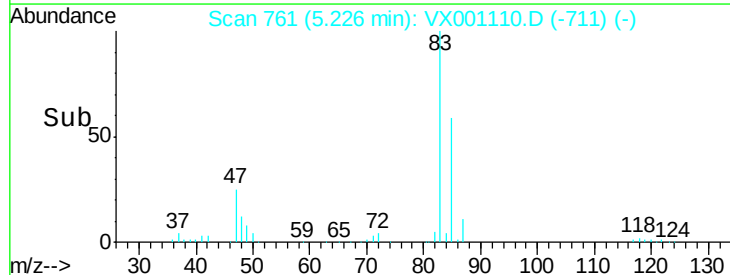
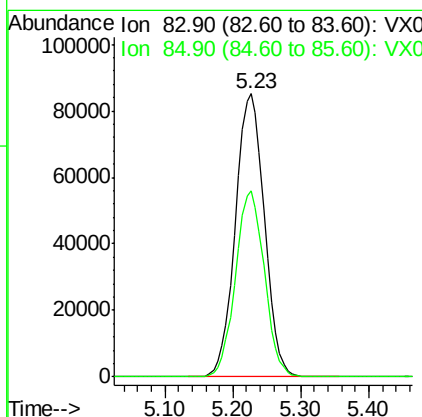
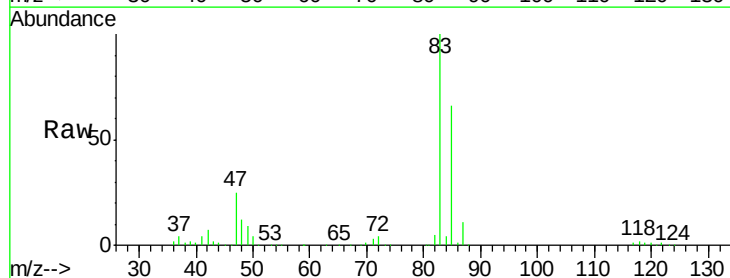
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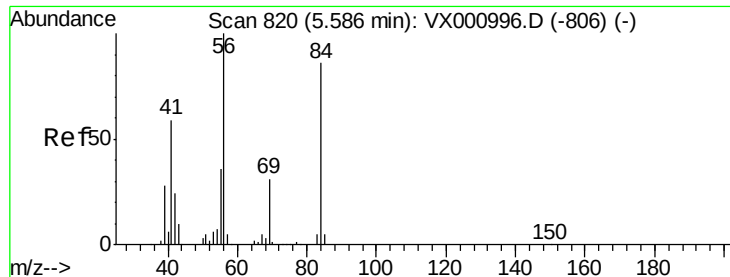
Sohil
4/26/2018 4:06:36 AM



#30
Chloroform
Concen: 52.84 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.3	76.9





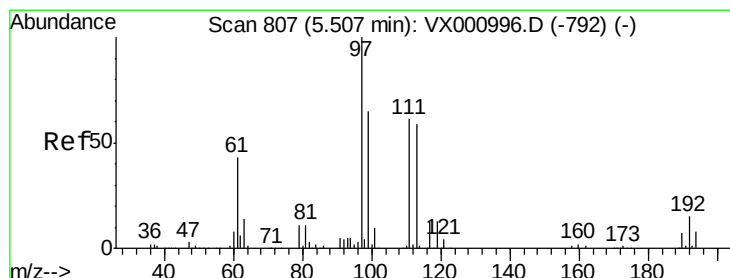
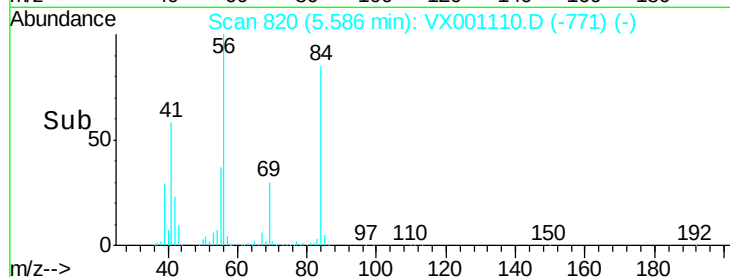
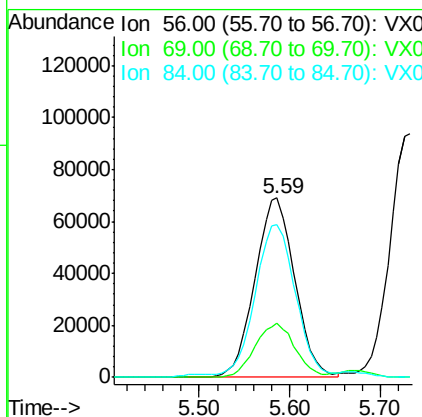
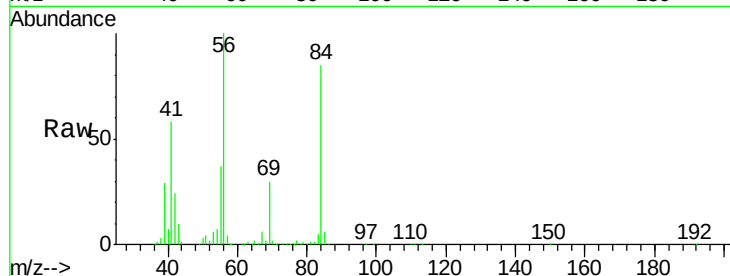
#31
Cyclohexane
Concen: 48.83 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.6	36.8
84	83.8	69.0	103.6

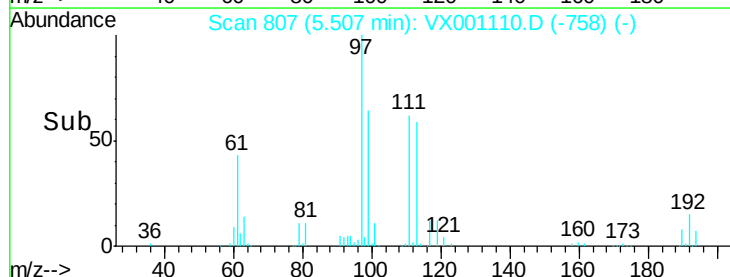
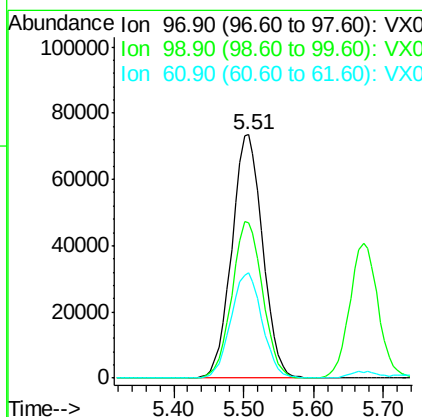
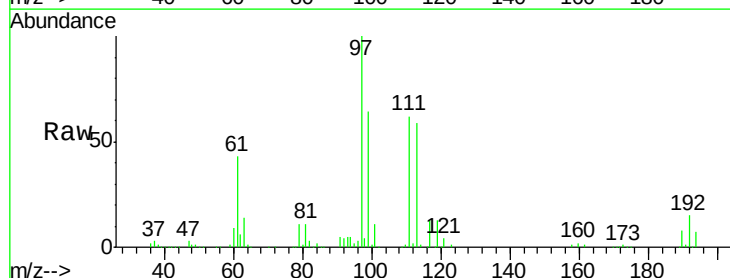
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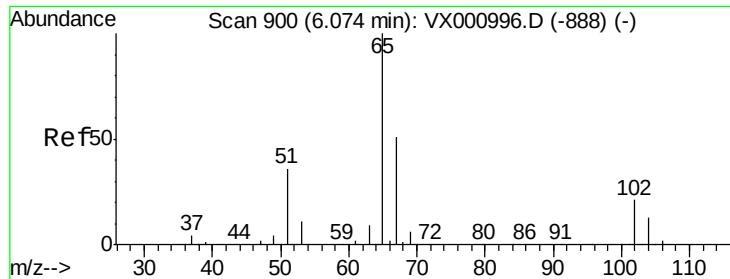
Sohil
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#32
1,1,1-Trichloroethane
Concen: 52.58 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.1	76.7
61	43.9	34.4	51.6





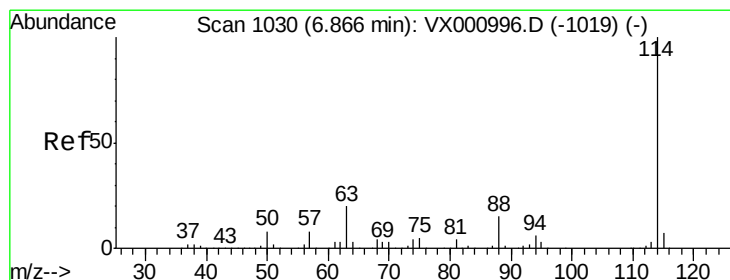
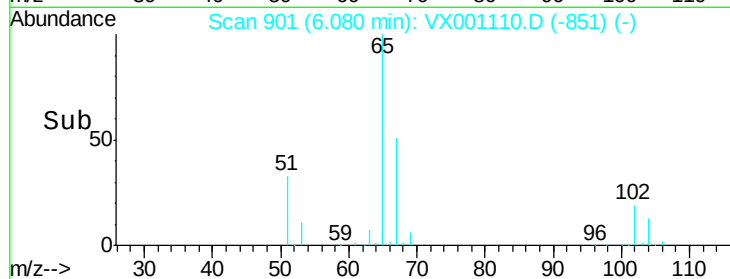
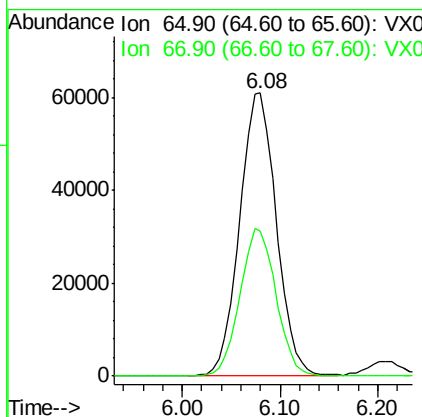
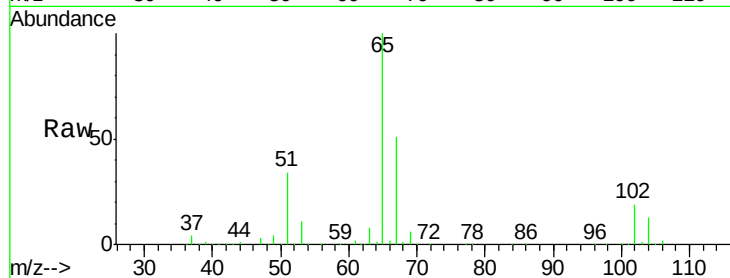
#33
 1,2-Dichloroethane-d4
 Concen: 52.07 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158844		
67	51.2	0.0	102.6	

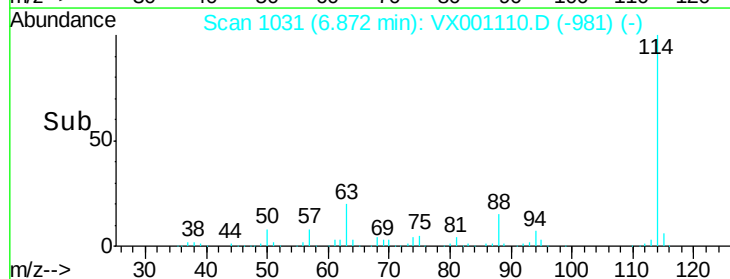
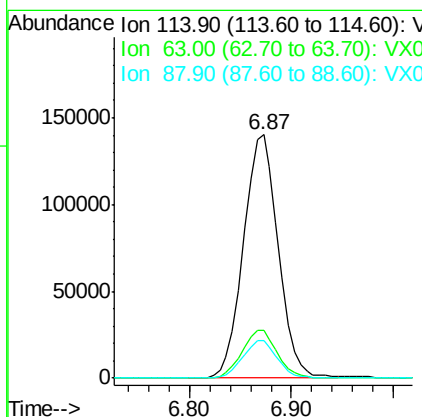
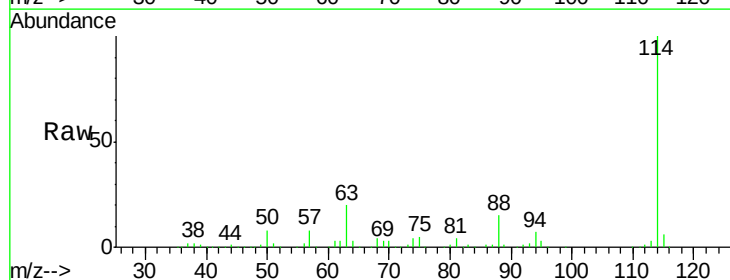
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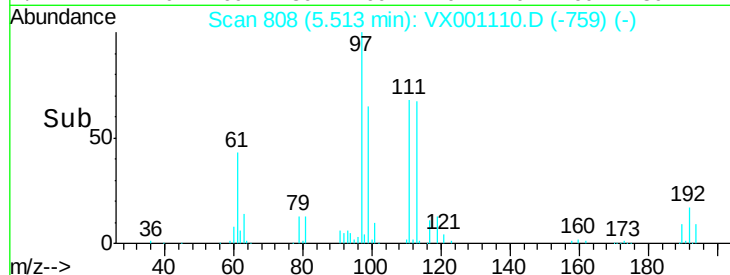
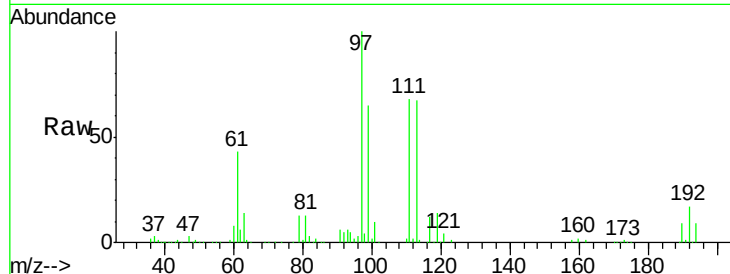
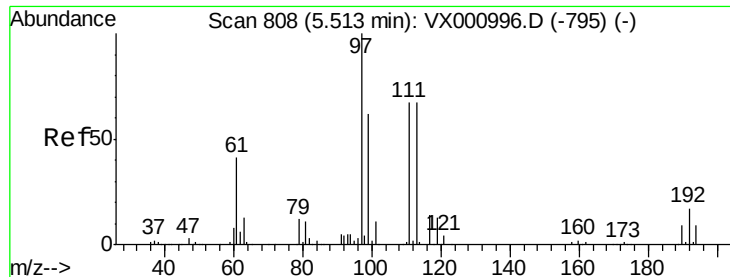
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	332234		
63	19.6	0.0	39.4	
88	15.4	0.0	29.8	





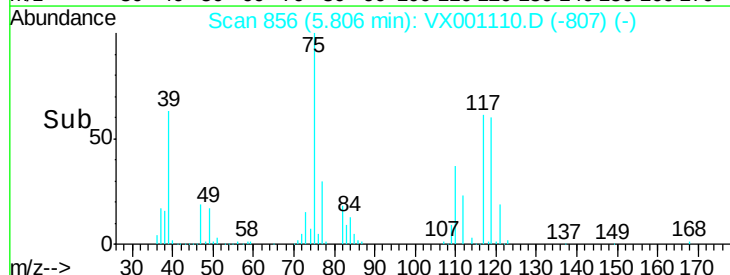
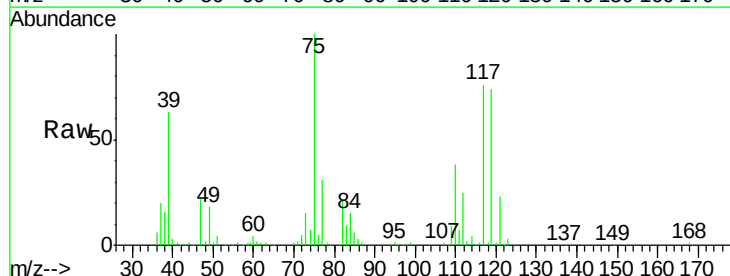
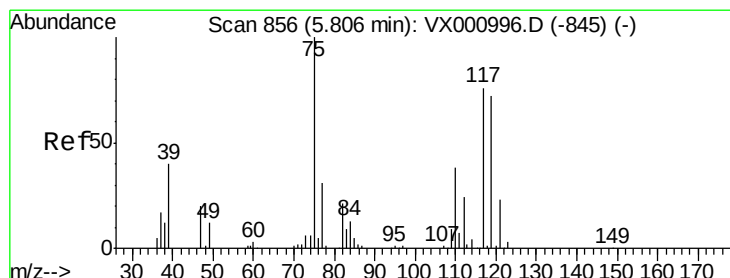
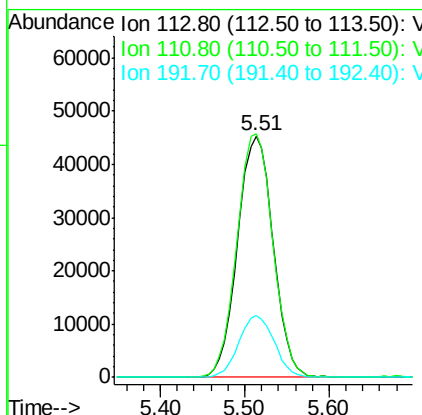
#35
Dibromofluoromethane
Concen: 51.29 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129928		
111	101.9	81.4	122.2	
192	25.4	20.4	30.6	

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

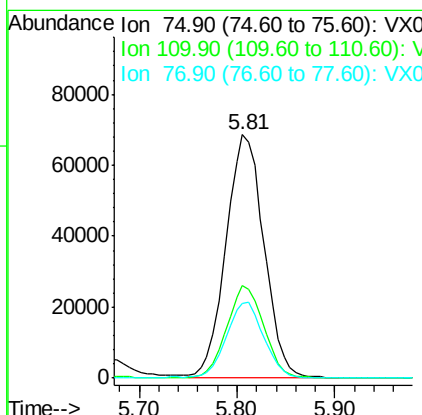
Manual Integrations
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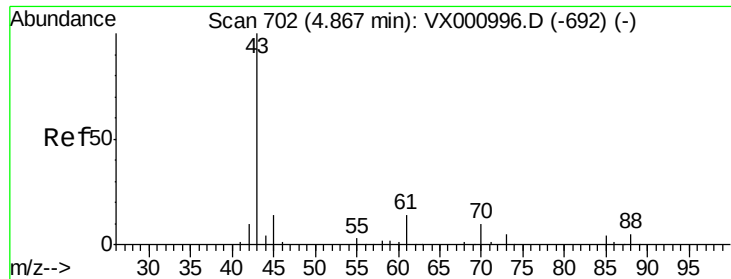
Sohil
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#36
1,1-Dichloropropene
Concen: 47.03 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	183598		
110	37.5	18.7	56.1	
77	30.9	25.0	37.4	





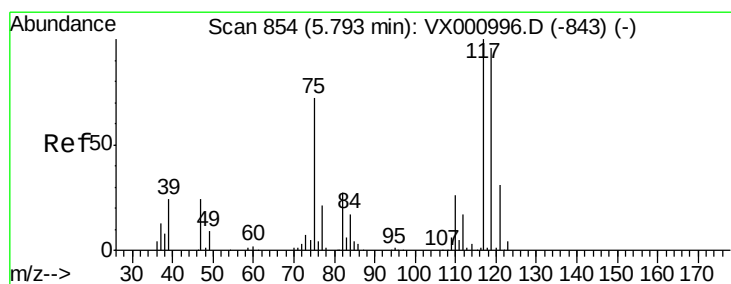
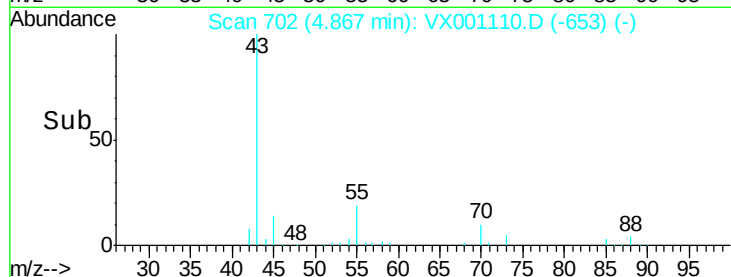
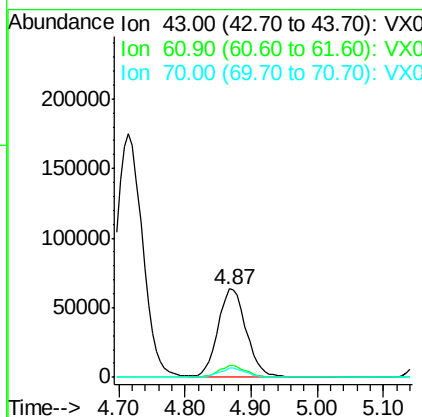
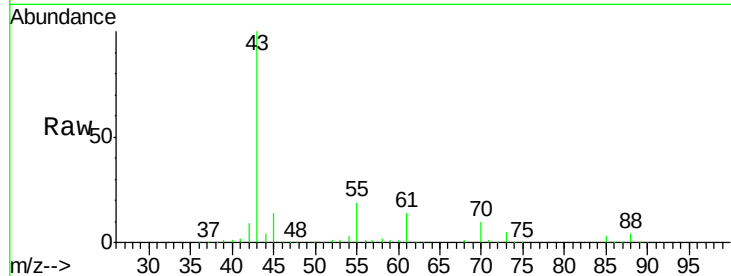
#37
Ethyl Acetate
Concen: 52.48 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion:	43	Resp:	187933
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	10.1	8.3	12.5

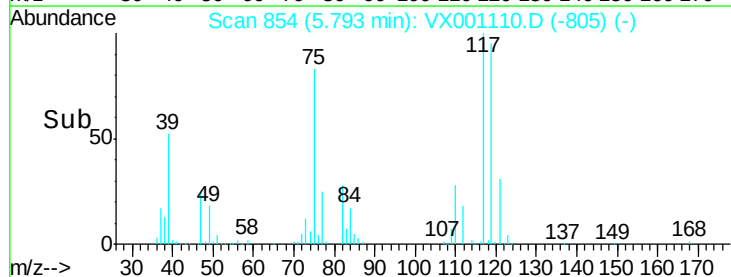
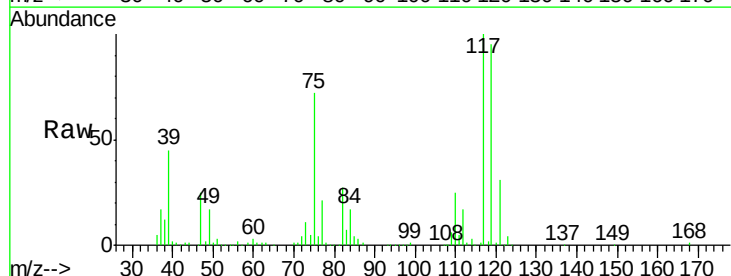
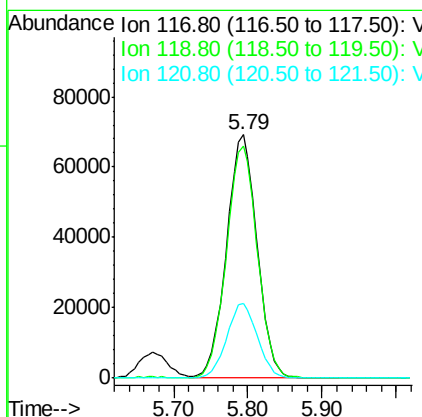
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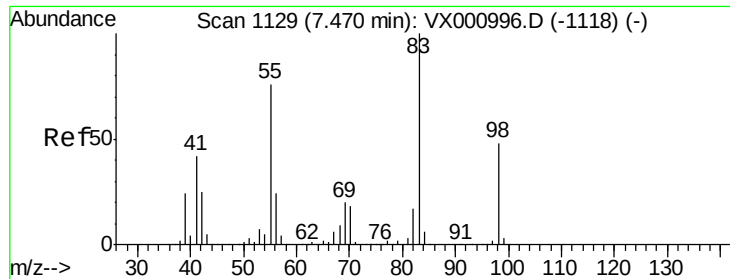
Sohil
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#38
Carbon Tetrachloride
Concen: 50.27 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion:	117	Resp:	198729
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
121	30.7	24.5	36.7





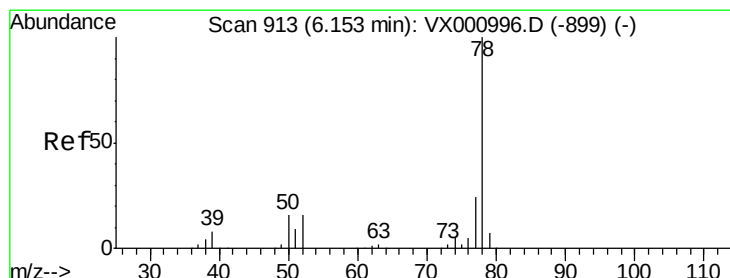
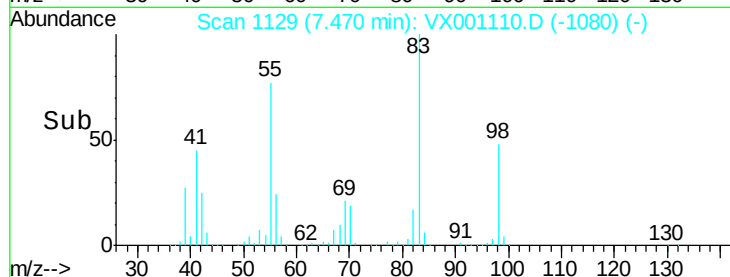
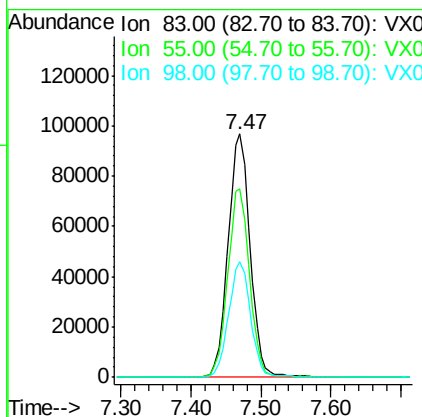
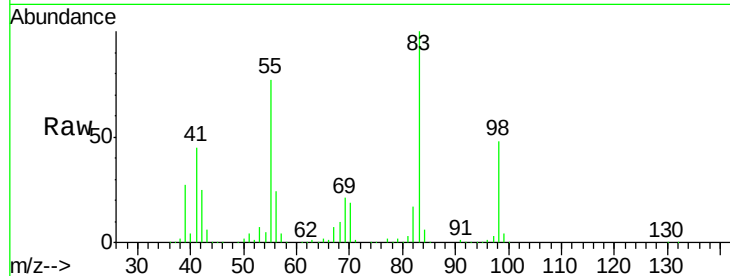
#39
Methylvlcyclohexane
Concen: 46.57 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion	83	Resp	211628
Ion Ratio	100	Lower	Upper
83	100		
55	77.5	60.6	91.0
98	47.6	38.2	57.4

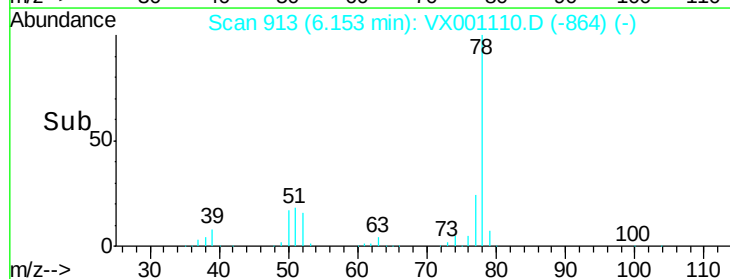
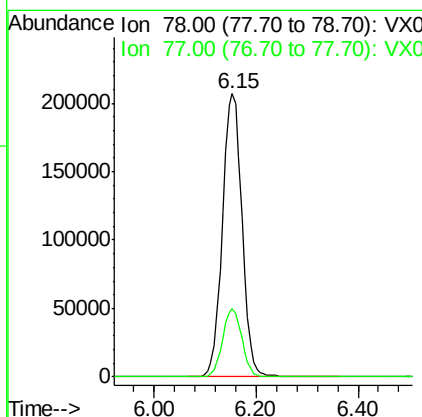
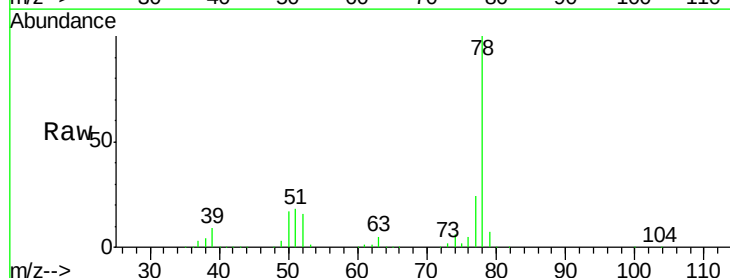
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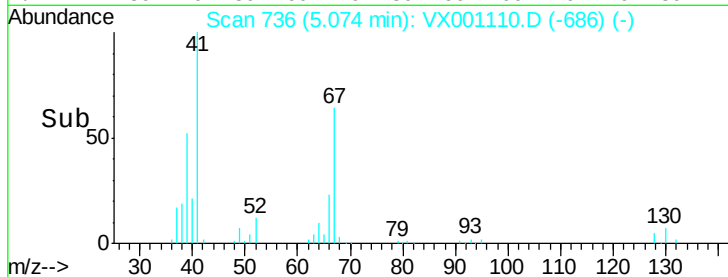
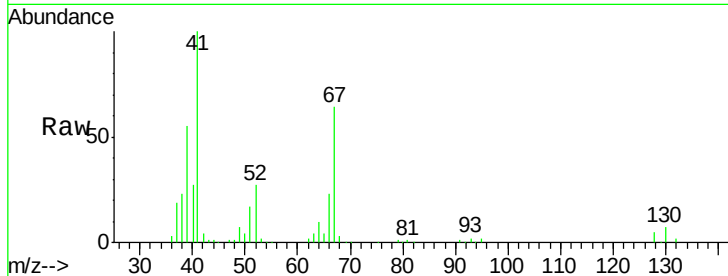
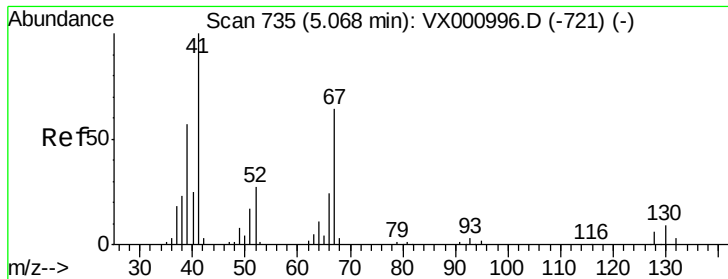
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#40
Benzene
Concen: 50.66 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion	78	Resp	549845
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	18.9	28.3





#41

Methacrylonitrile

Concen: 52.44 ug/l

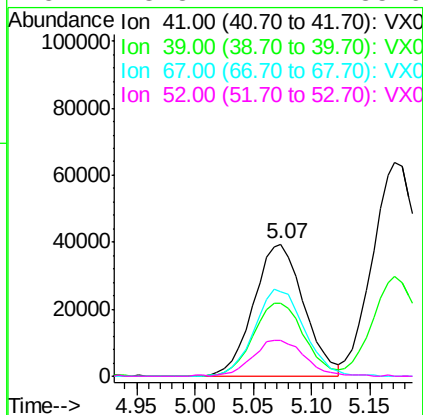
RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

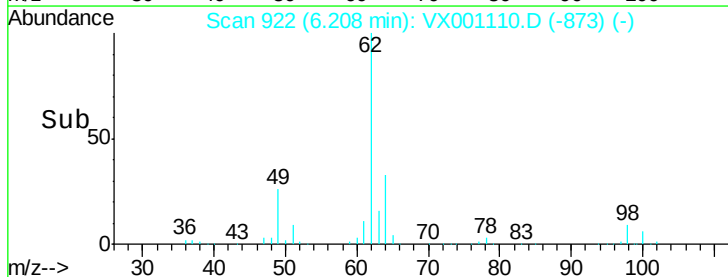
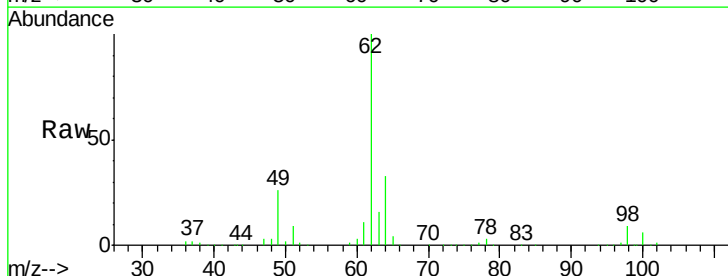
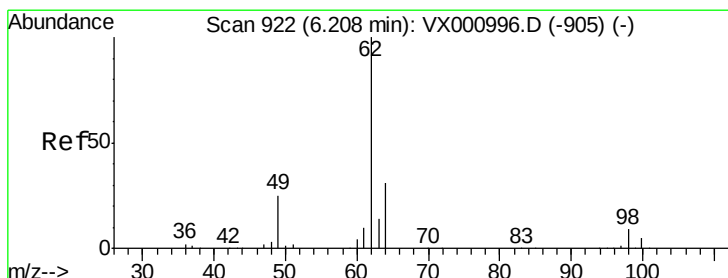
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.4	45.2	67.8	
67	65.8	53.8	80.8	
52	28.8	22.4	33.6	



Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

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#42

1,2-Dichloroethane

Concen: 51.49 ug/l

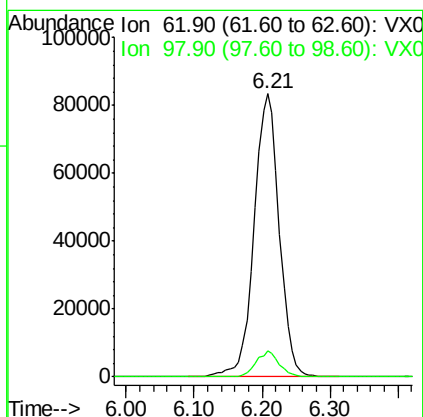
RT: 6.21 min Scan# 922

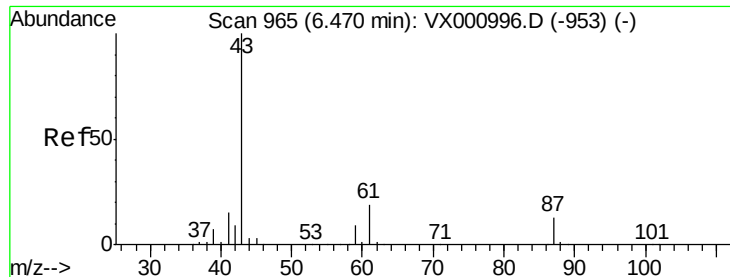
Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.6	





#43

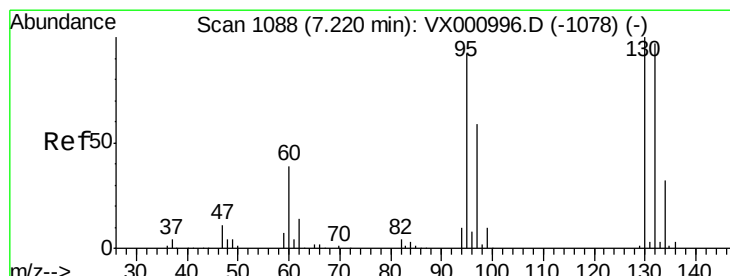
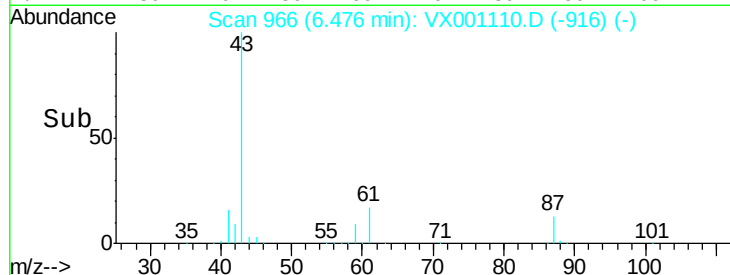
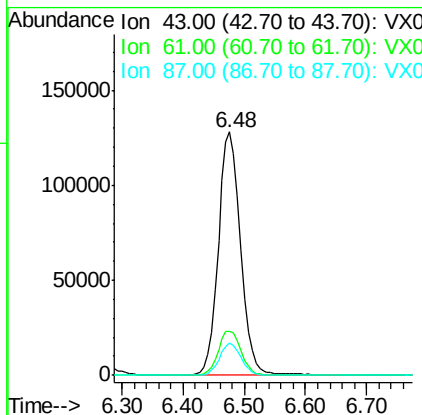
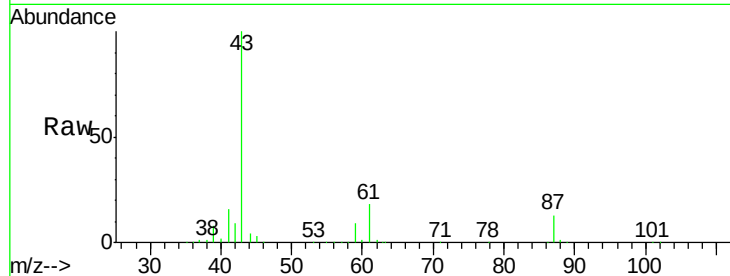
Isopropyl Acetate
 Concen: 52.48 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.2
87	12.9	10.6	15.8

Manual Integrations
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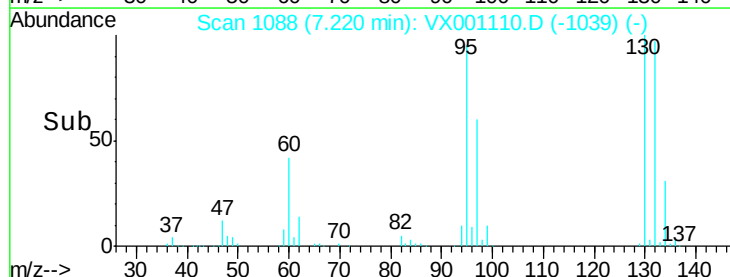
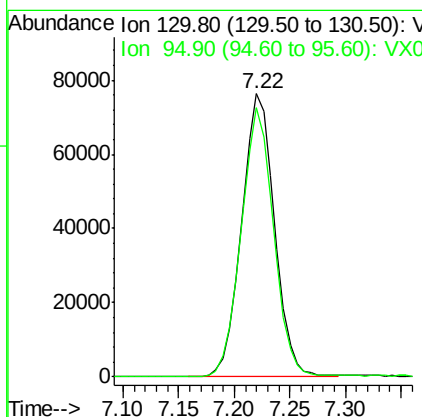
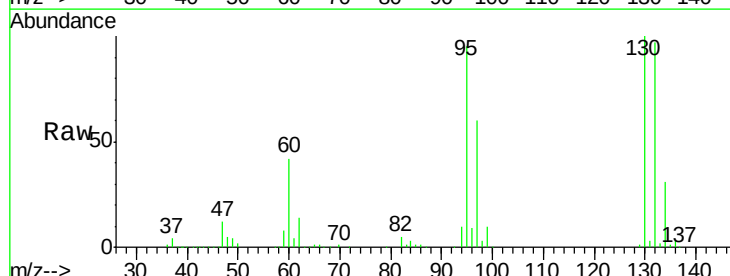
Sohil
 4/26/2018 4:06:36 AM

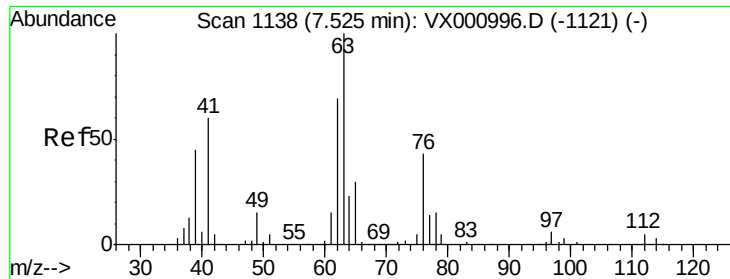


#44

Trichloroethene
 Concen: 47.36 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	184.2





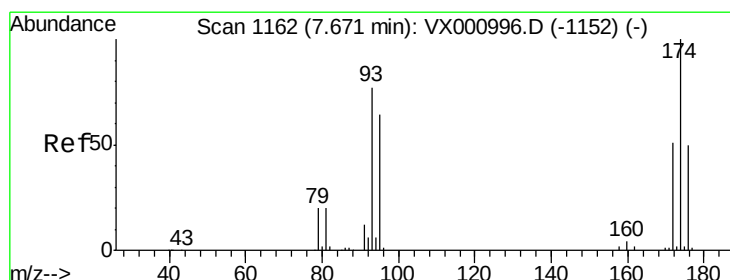
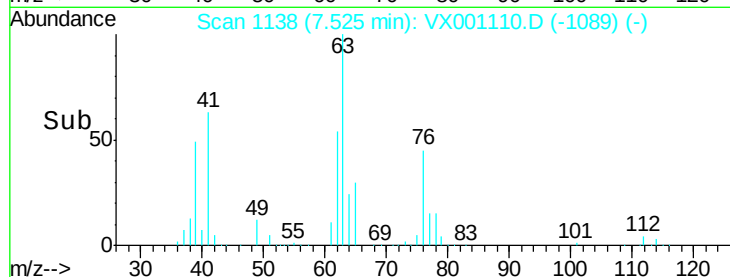
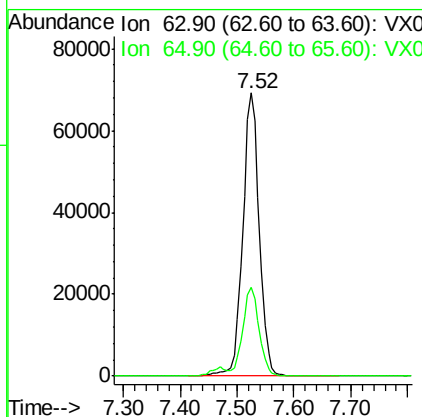
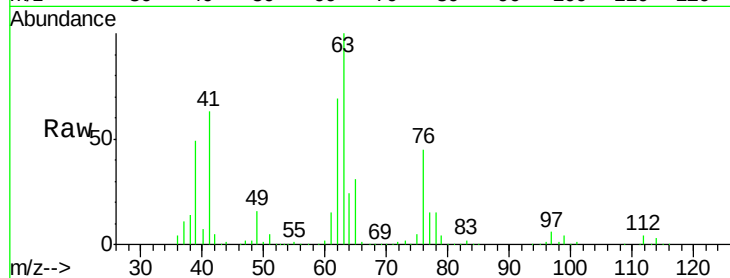
#45
 1,2-Dichloropropane
 Concen: 51.50 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.4	36.6

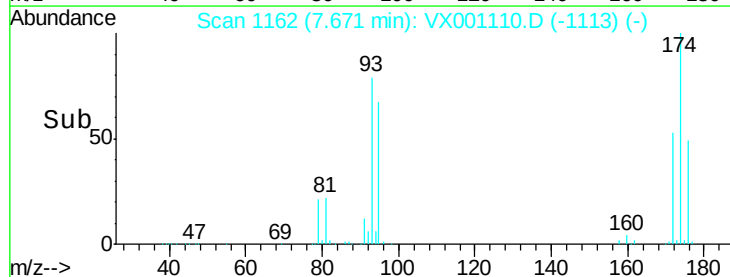
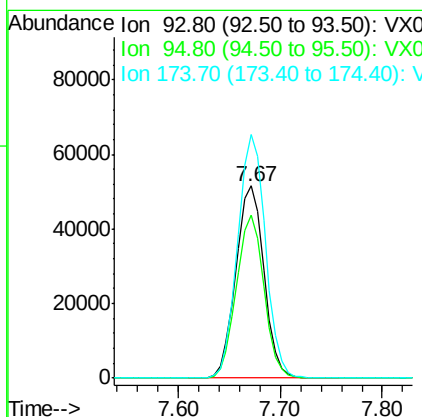
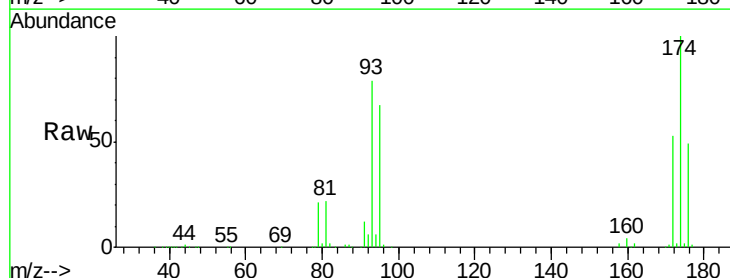
Manual Integrations
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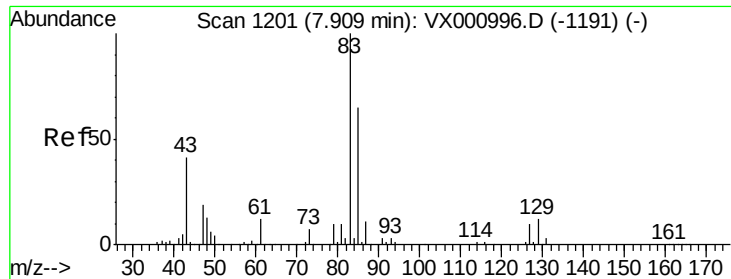
Sohil
 4/26/2018 4:06:36 AM



#46
 Dibromomethane
 Concen: 51.43 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	66.7	100.1
174	125.7	101.8	152.6





#47

Bromodichloromethane

Concen: 53.18 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

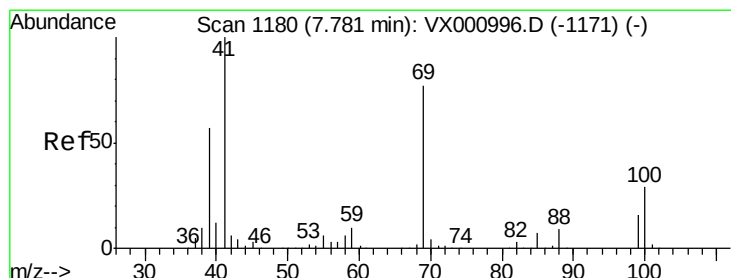
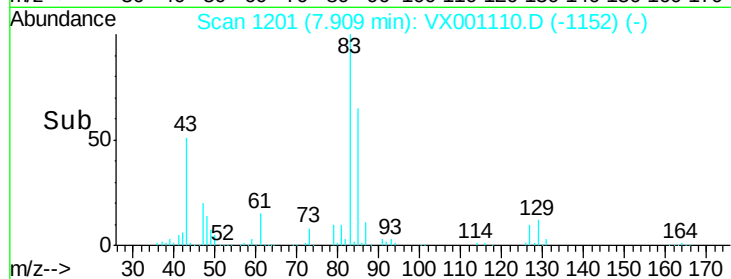
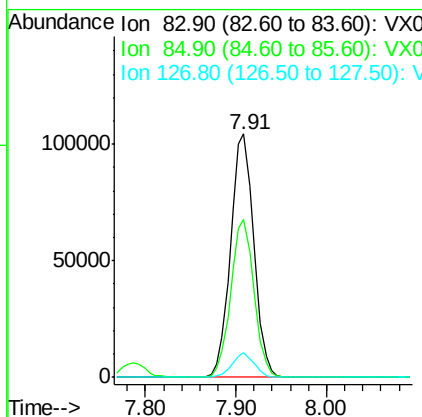
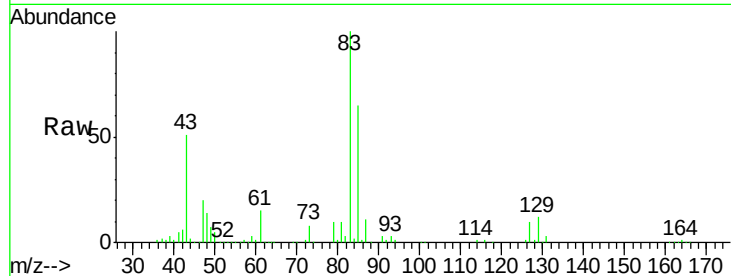
ClientSampleId :

LF015MW001-180416MSD

Tot Ion:	83	Resp:	187868
Ion Ratio	Lower	Upper	
83	100		
85	65.1	52.3	78.5
127	9.9	7.8	11.6

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#48

Methyl methacrylate

Concen: 53.39 ug/l

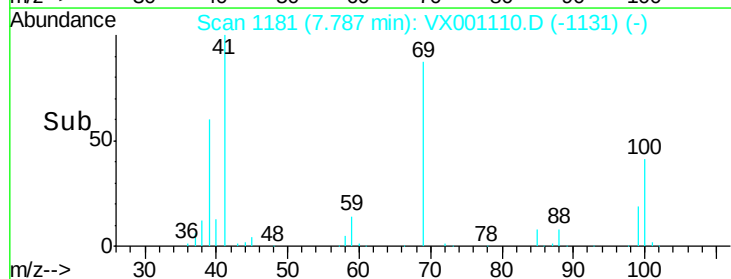
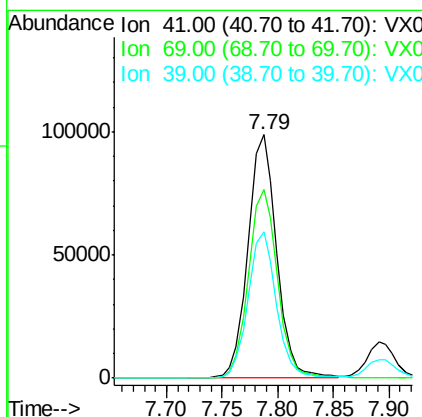
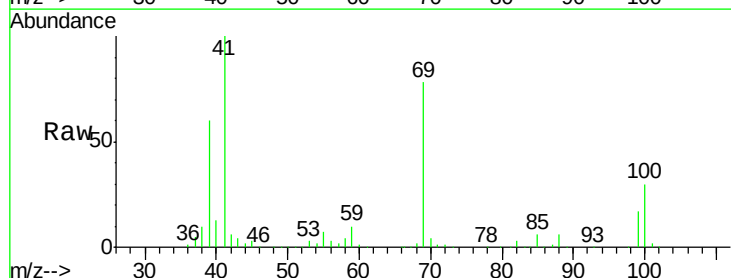
RT: 7.79 min Scan# 1181

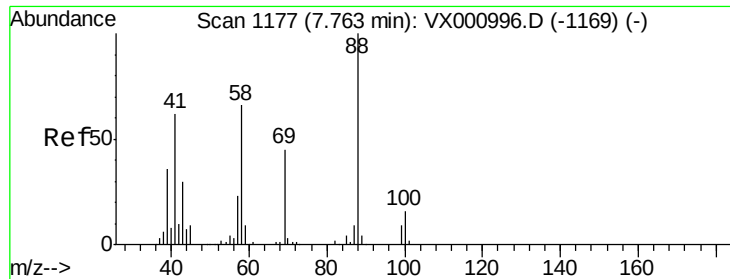
Delta R.T. 0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion:	41	Resp:	176623
Ion Ratio	Lower	Upper	
41	100		
69	79.2	62.6	94.0
39	59.7	45.3	67.9





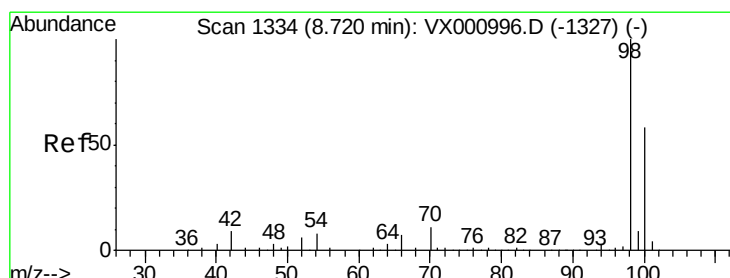
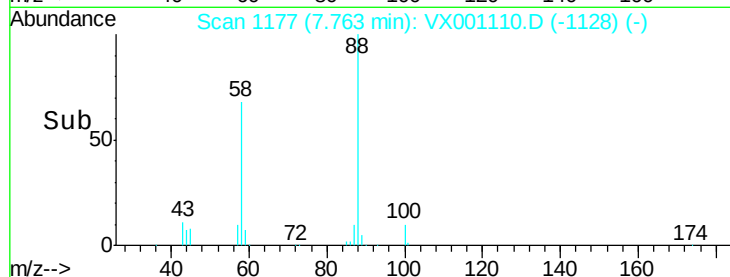
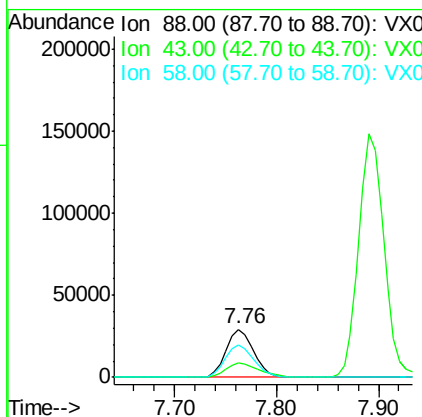
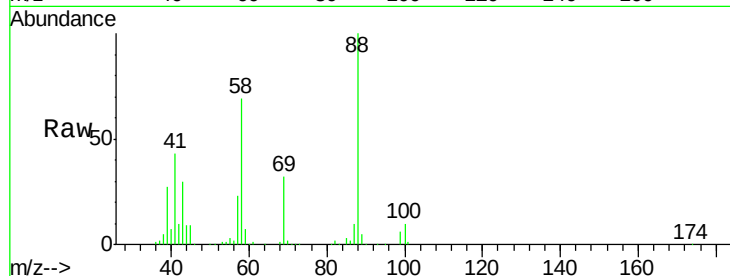
#49
1,4-Dioxane
Concen: 1126.18 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	29.2	43.8
58	70.6	55.0	82.6

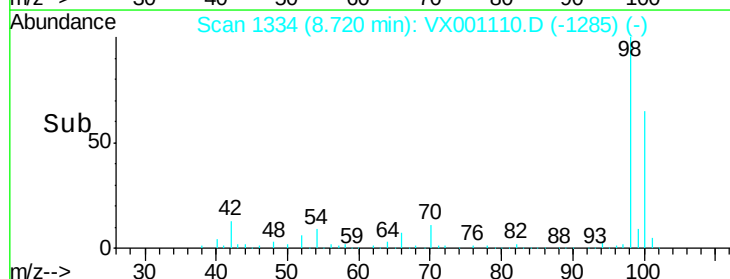
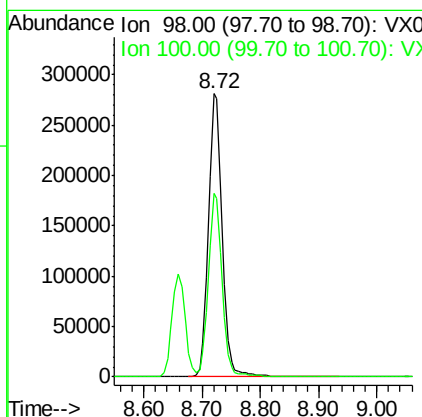
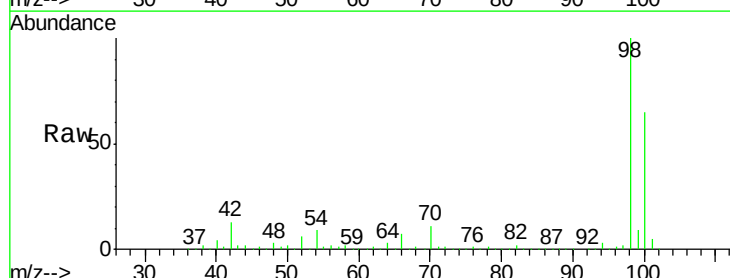
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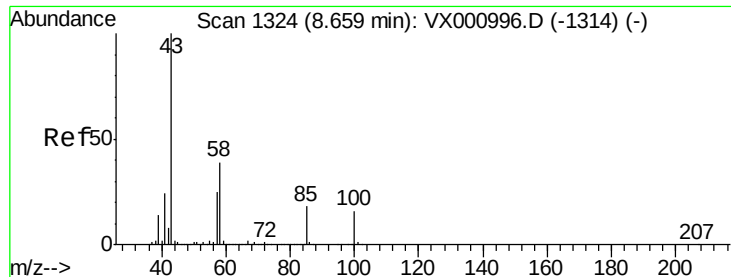
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#50
Toluene-d8
Concen: 49.50 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 289.53 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

Tot Ion: 43 Resp: 1080127

Ion Ratio Lower Upper

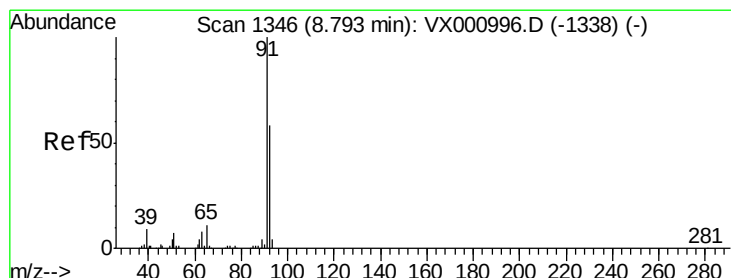
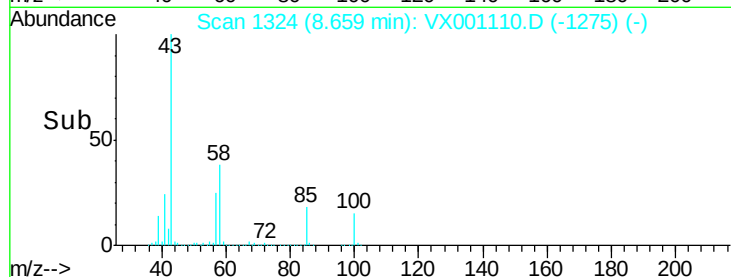
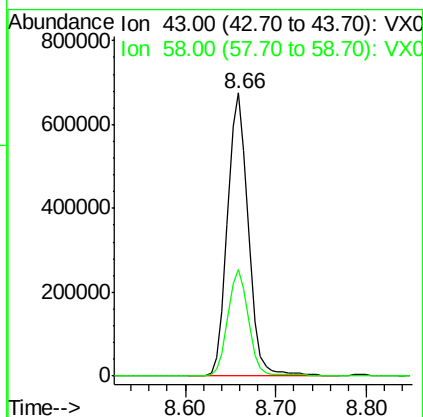
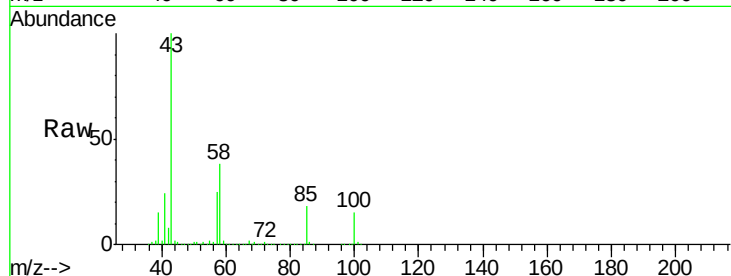
43 100

58 37.0 30.2 45.4

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#52

Toluene

Concen: 50.87 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001110.D

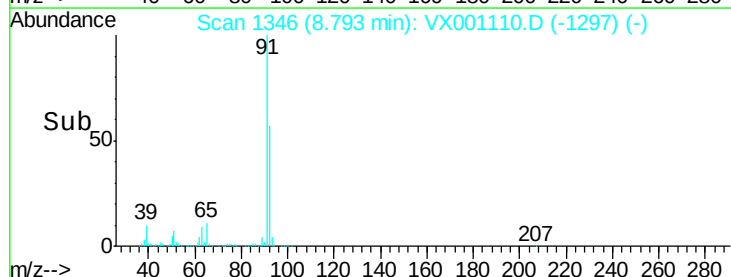
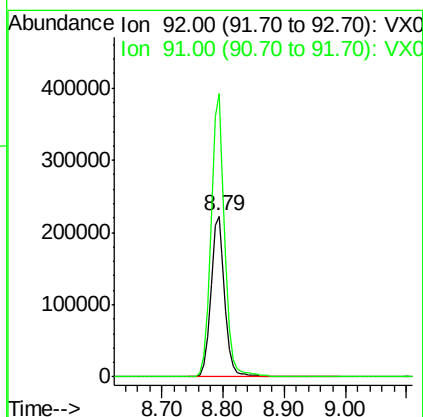
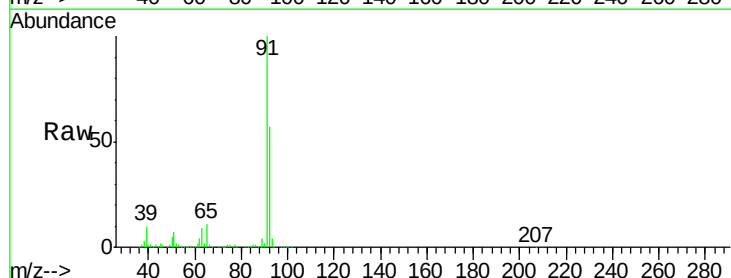
Acq: 25 Apr 2018 06:23

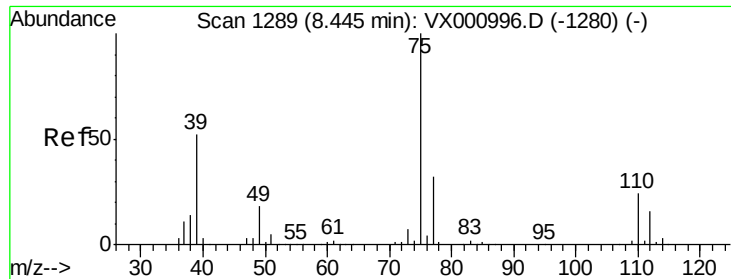
Tgt Ion: 92 Resp: 360404

Ion Ratio Lower Upper

92 100

91 173.5 138.2 207.4





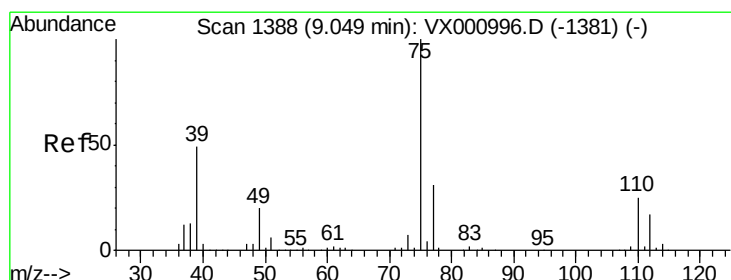
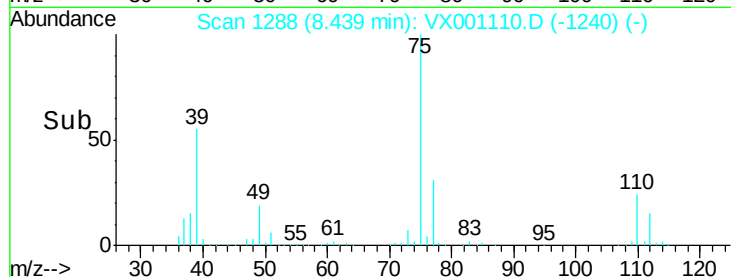
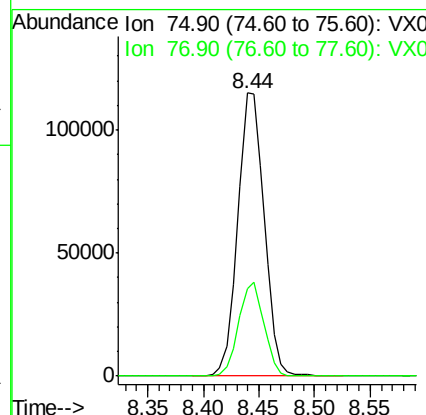
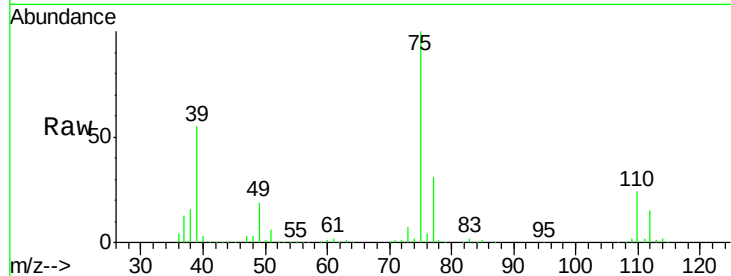
#53
t-1,3-Dichloropropene
Concen: 44.77 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion: 75 Resp: 189159
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6

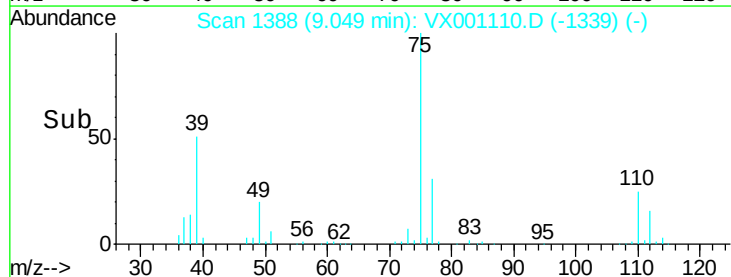
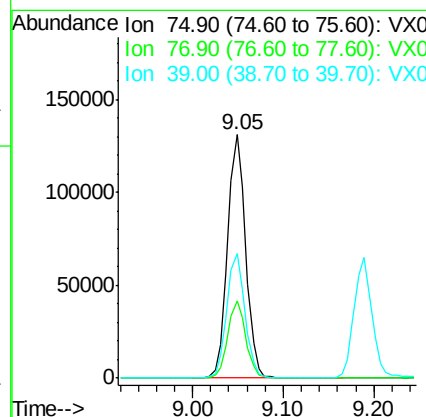
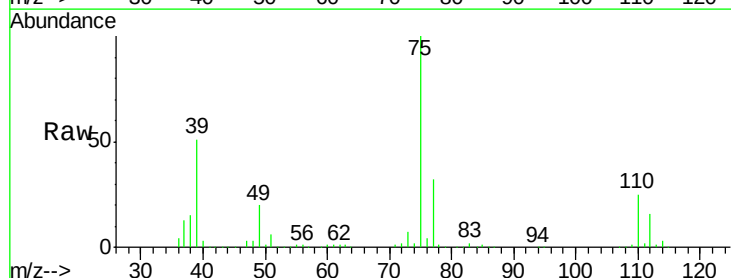
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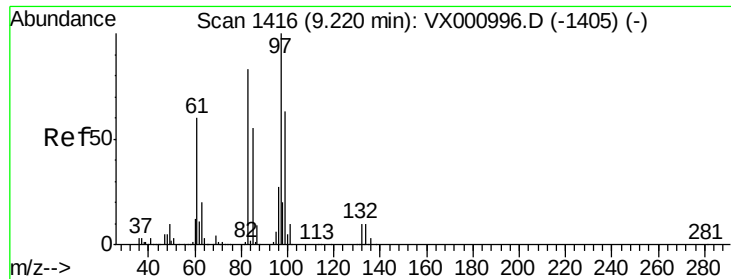
Sohil
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#54
cis-1,3-Dichloropropene
Concen: 45.69 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 75 Resp: 182031
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6
39 50.9 39.2 58.8





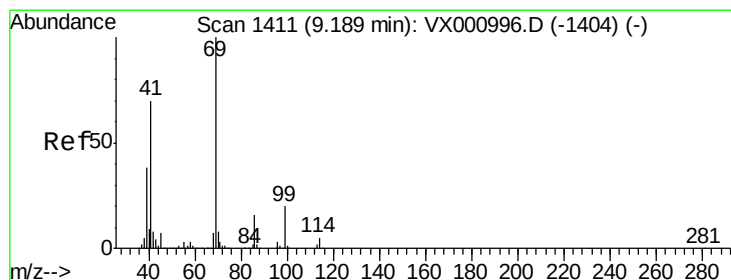
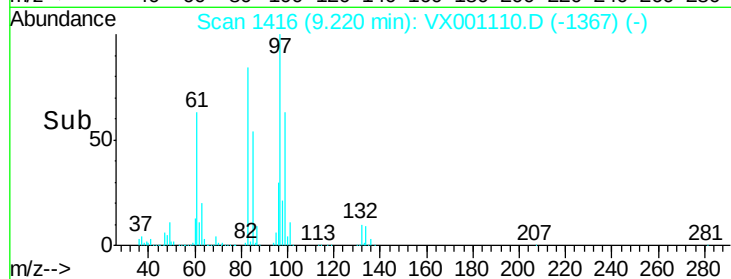
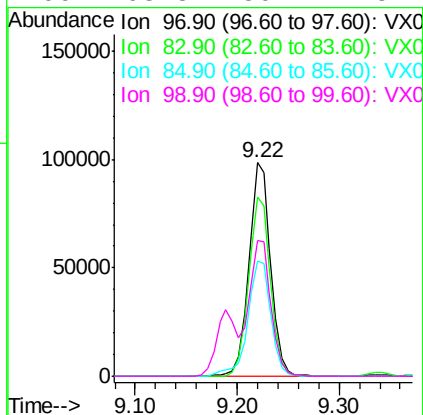
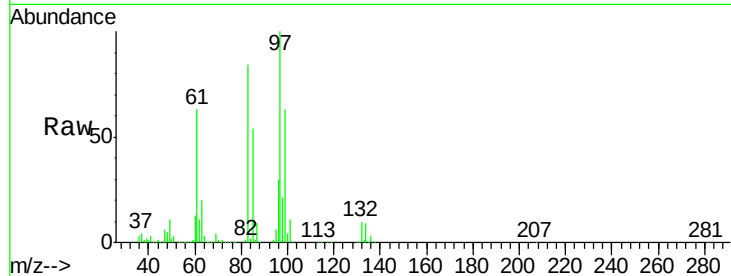
#55
 1,1,2-Trichloroethane
 Concen: 51.73 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tot Ion:	97	Resp:	145659
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.2	99.4
85	54.2	44.2	66.4
99	63.3	50.2	75.4

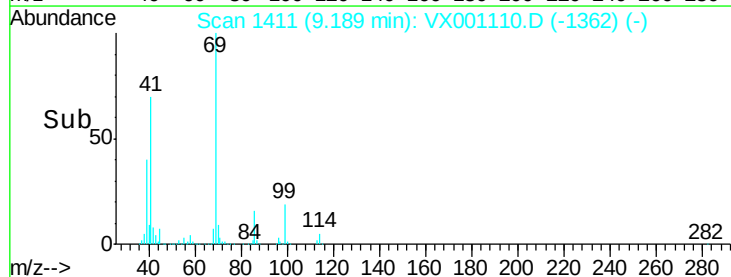
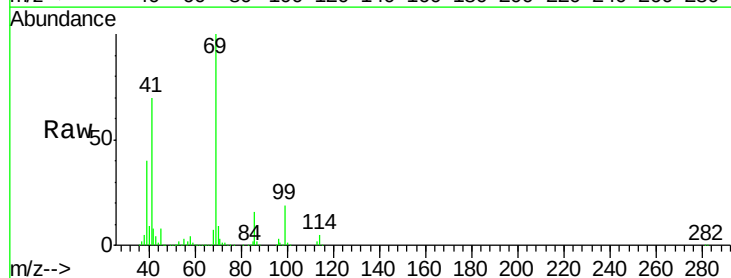
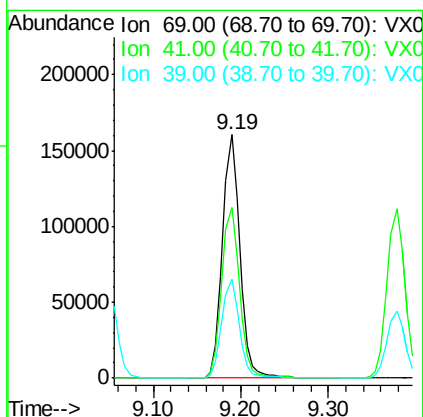
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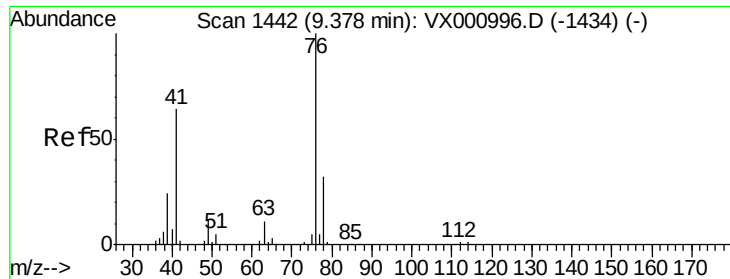
Sohil
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#56
 Ethyl methacrylate
 Concen: 53.77 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion:	69	Resp:	222371
Ion	Ratio	Lower	Upper
69	100		
41	71.6	56.3	84.5
39	40.6	30.4	45.6





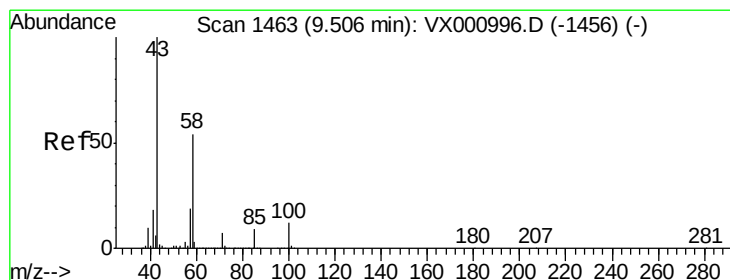
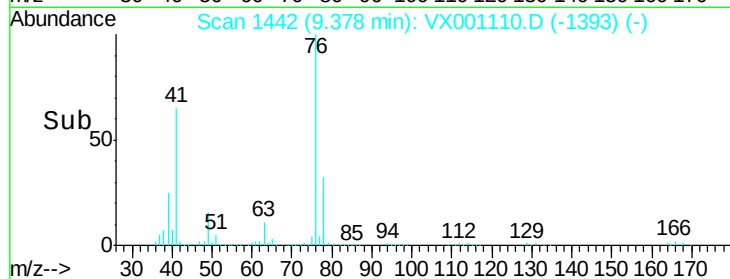
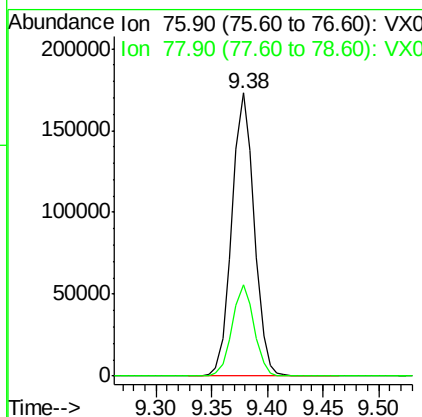
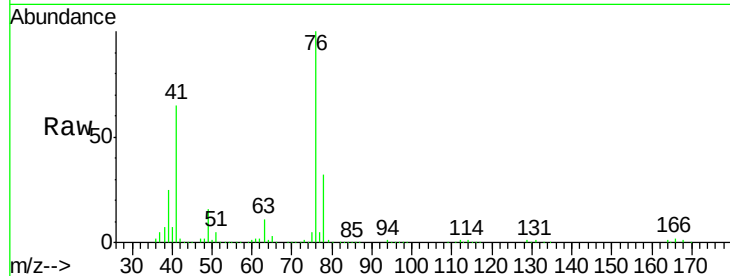
#57
 1,3-Dichloropropane
 Concen: 51.64 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

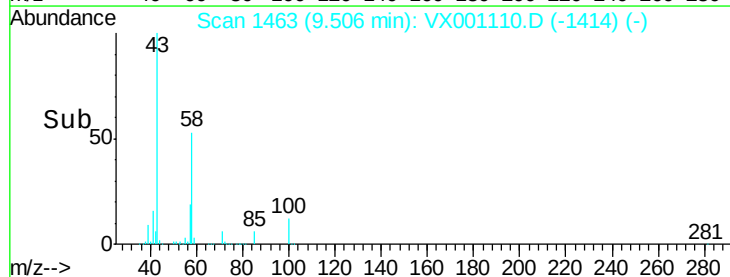
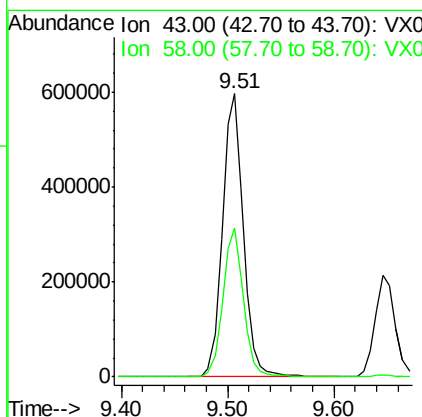
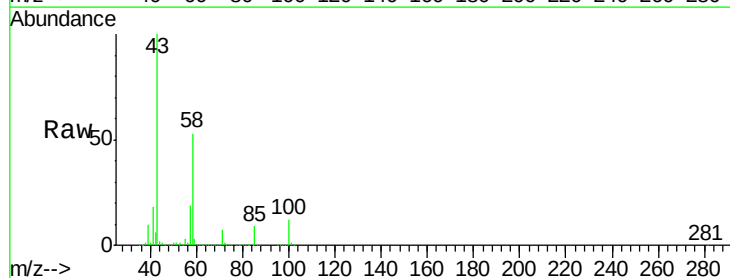
Manual Integrations
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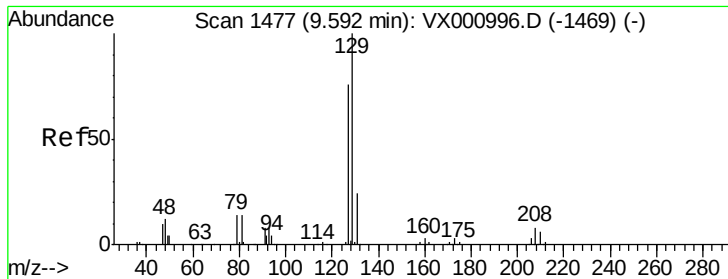
Sohil
 4/26/2018 4:06:36 AM



#59
 2-Hexanone
 Concen: 285.52 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.8	26.3	78.9





#60

Dibromochloromethane

Concen: 54.34 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

Tot Ion:129 Resp: 160718

Ion Ratio Lower Upper

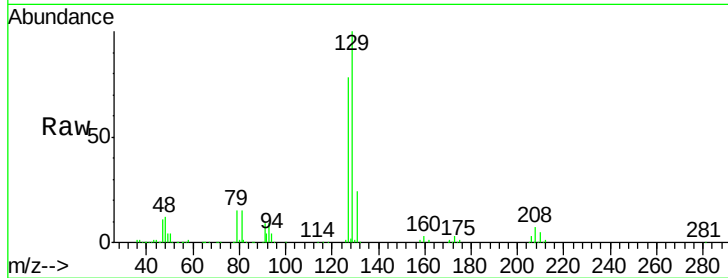
129 100

127 77.7 38.6 115.8

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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

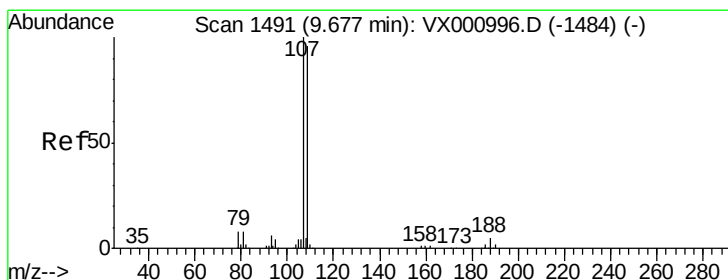
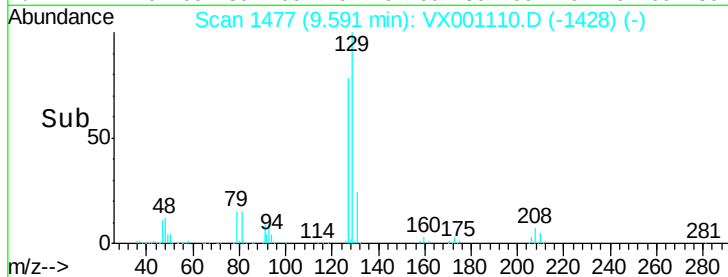
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 52.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001110.D

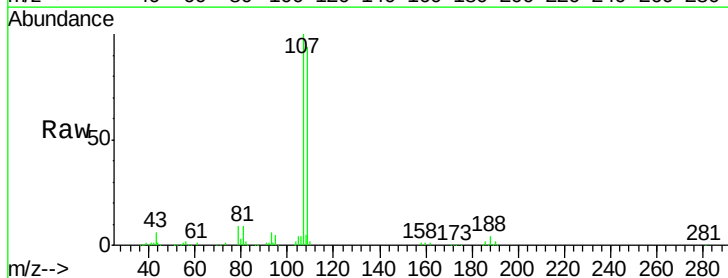
Acq: 25 Apr 2018 06:23

Tgt Ion:107 Resp: 157201

Ion Ratio Lower Upper

107 100

109 95.2 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

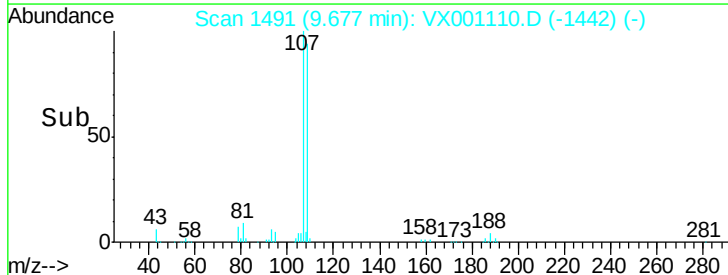
60000

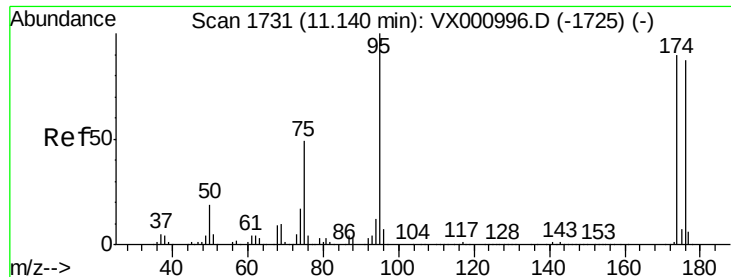
40000

20000

0

Time--> 9.60 9.65 9.70 9.75 9.80





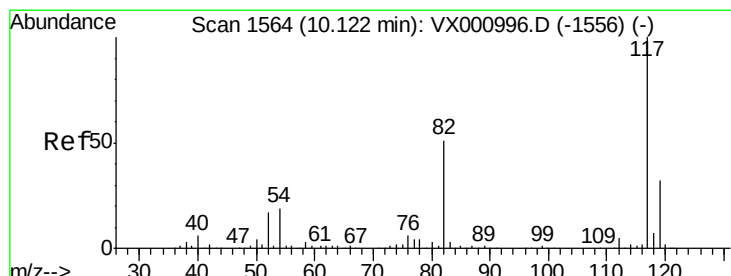
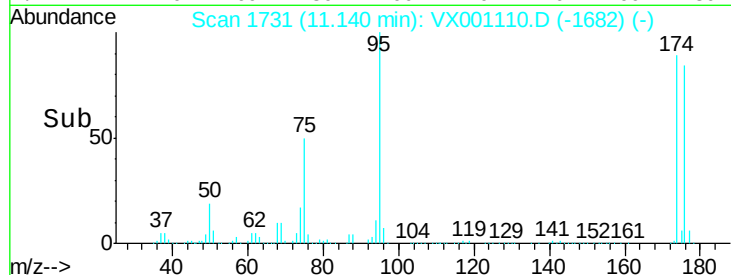
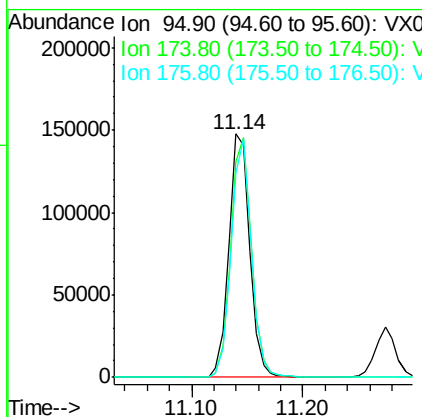
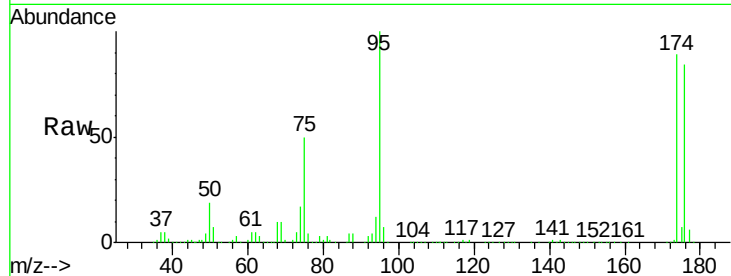
#62
4-Bromofluorobenzene
Concen: 48.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	191493		
174	97.5	0.0	198.4	
176	94.7	0.0	192.0	

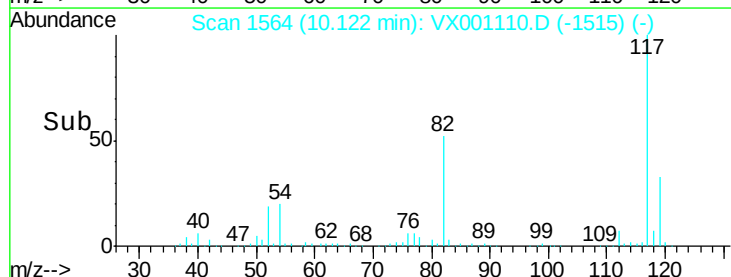
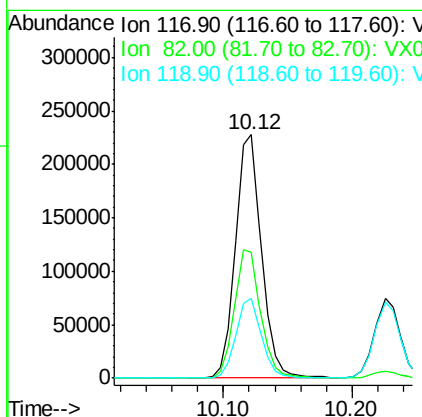
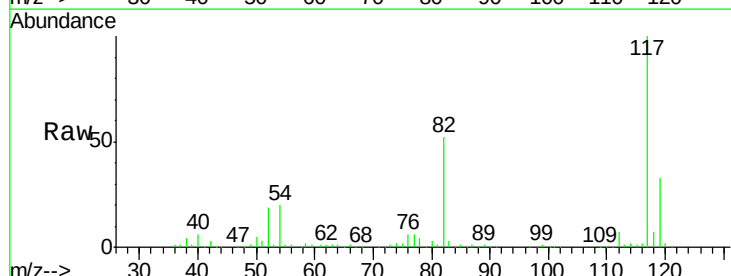
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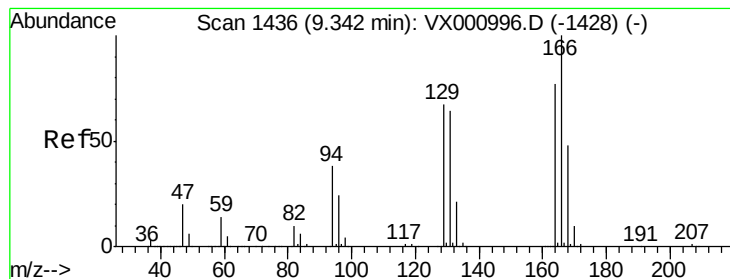
Sohil
4/26/2018 4:06:36 AM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	320627		
82	51.9	40.6	60.8	
119	32.7	26.0	39.0	





#64

Tetrachloroethene

Concen: 45.56 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

Tot Ion:164 Resp: 155119

Ion Ratio Lower Upper

164 100

166 128.3 103.5 155.3

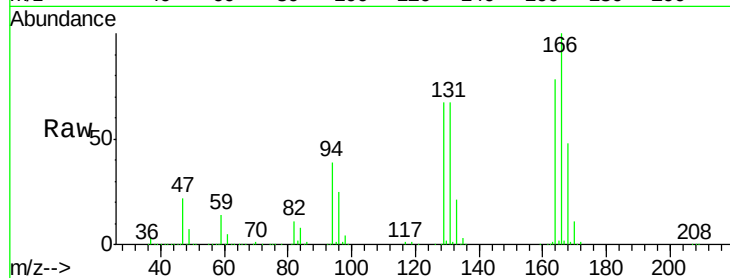
129 86.2 69.6 104.4

131 85.5 65.8 98.8

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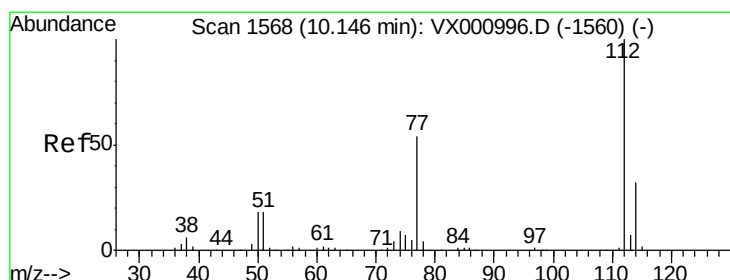
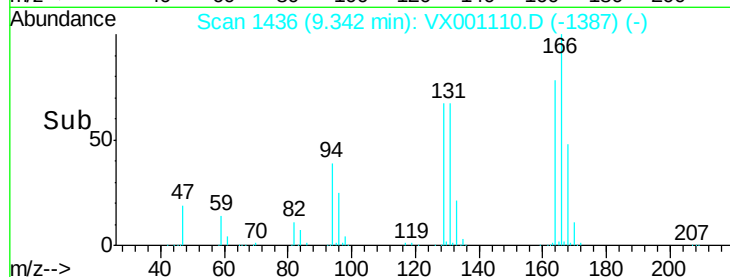
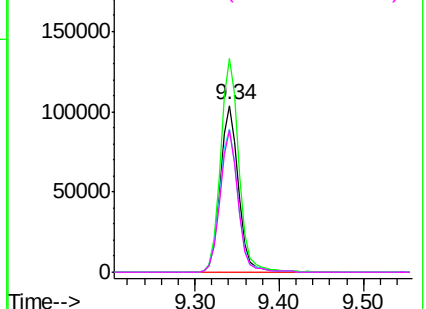


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 67.48 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001110.D

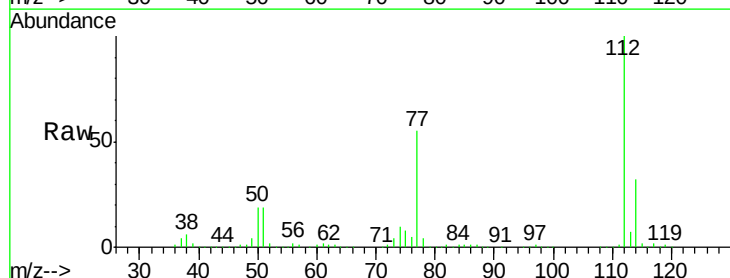
Acq: 25 Apr 2018 06:23

Tgt Ion:112 Resp: 576108

Ion Ratio Lower Upper

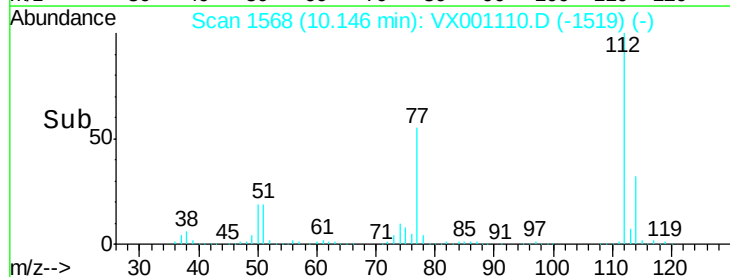
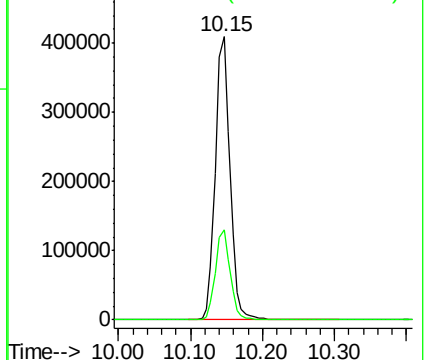
112 100

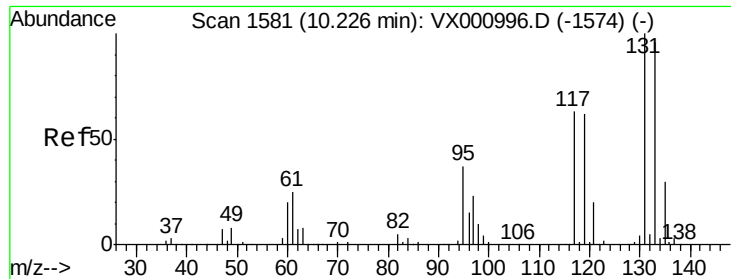
114 32.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.98 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

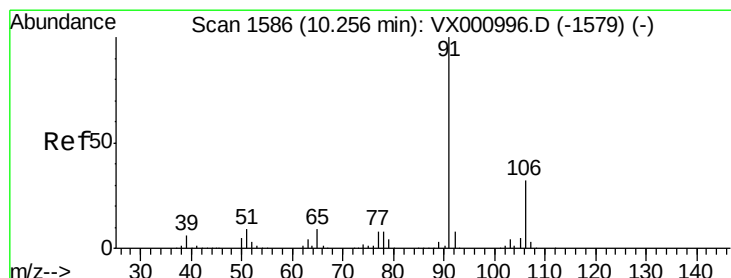
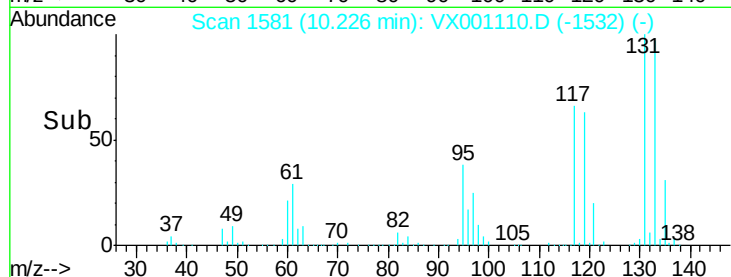
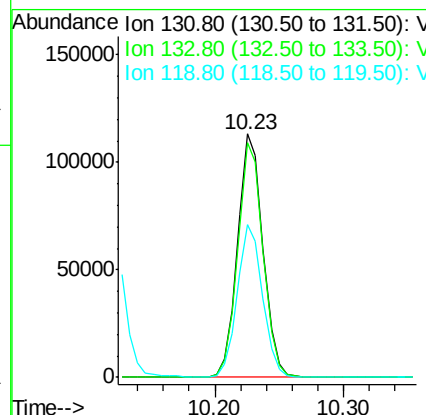
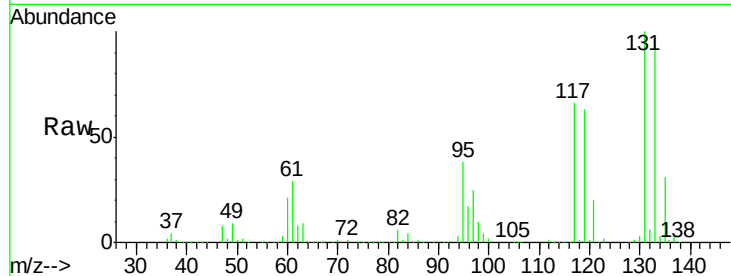
ClientSampleId :

LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.6	142.8
119	62.7	31.1	93.2

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#67

Ethyl Benzene

Concen: 49.57 ug/l

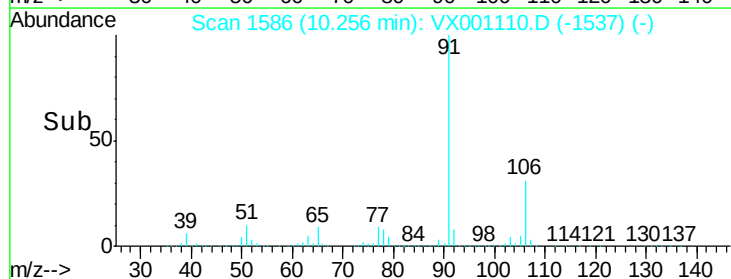
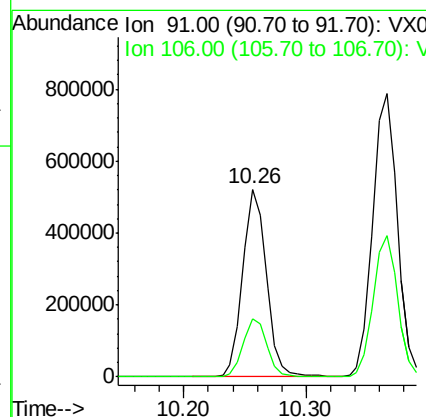
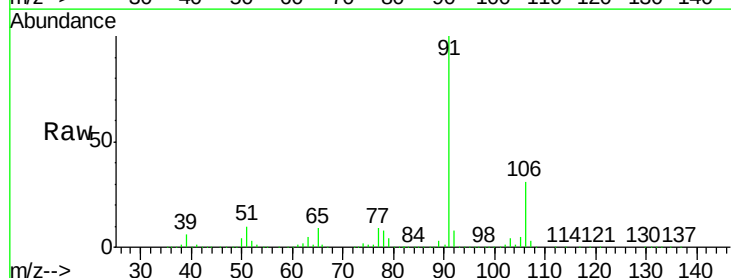
RT: 10.26 min Scan# 1586

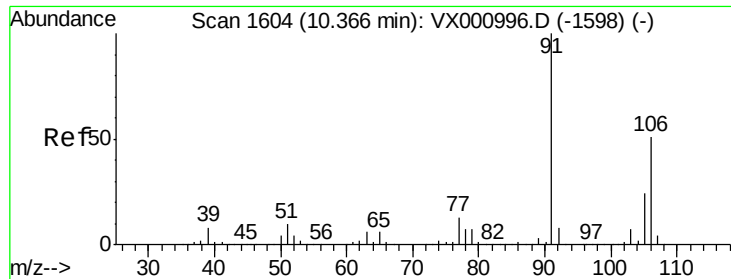
Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.7	38.5





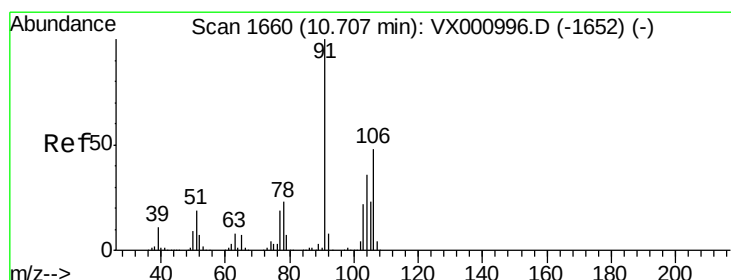
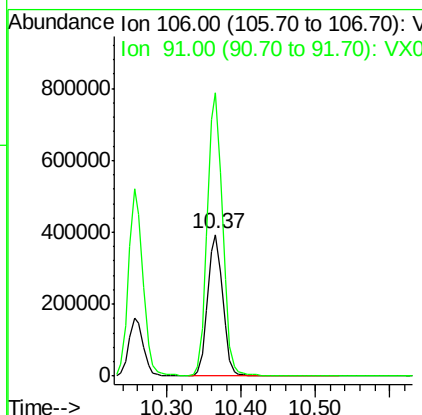
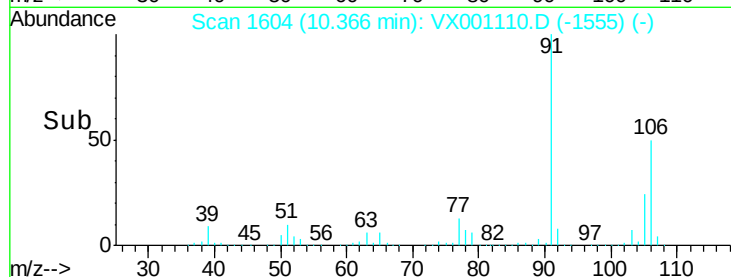
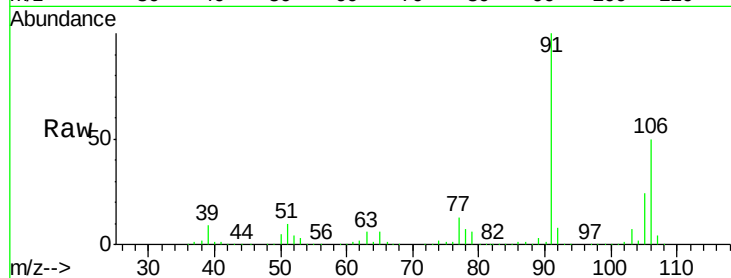
#68
m/p-Xylenes
Concen: 99.25 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion:106 Resp: 554574
Ion Ratio Lower Upper
106 100
91 201.2 159.3 238.9

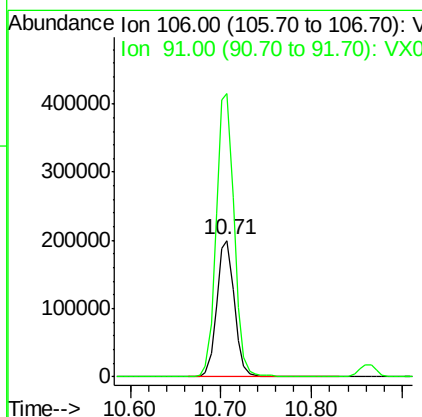
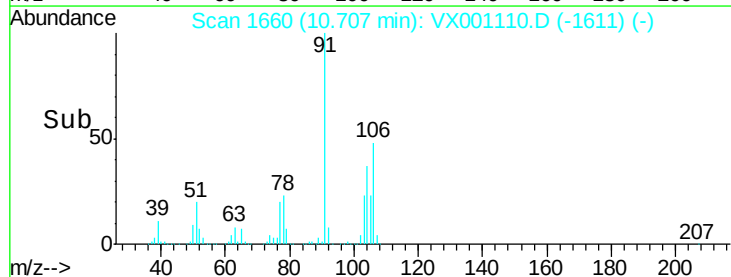
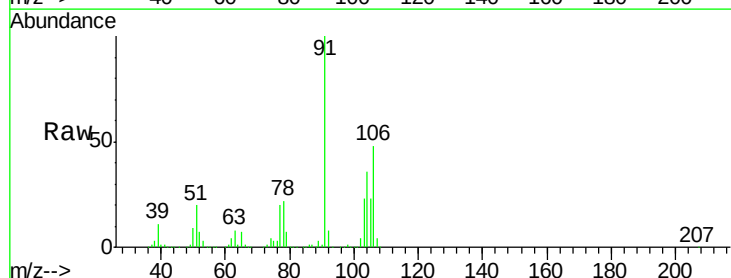
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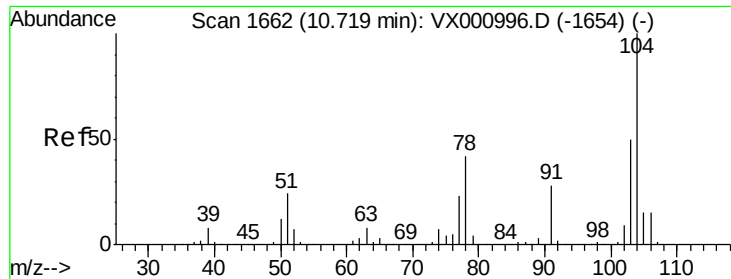
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#69
o-Xylene
Concen: 50.64 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion:106 Resp: 272803
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.1





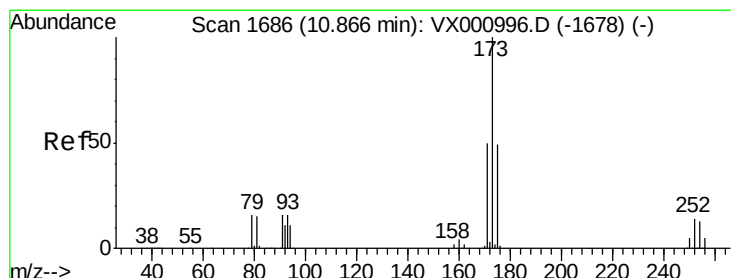
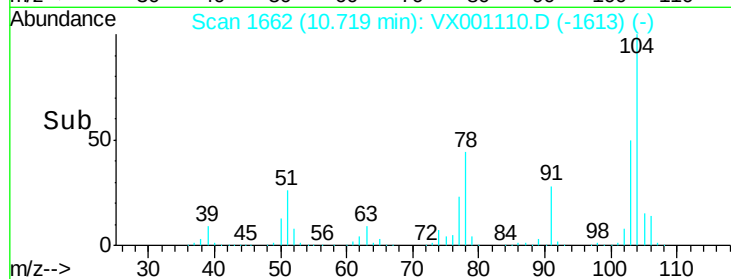
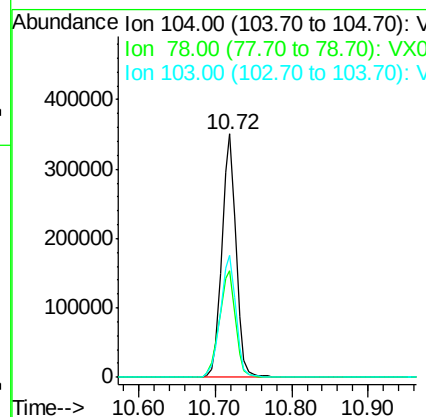
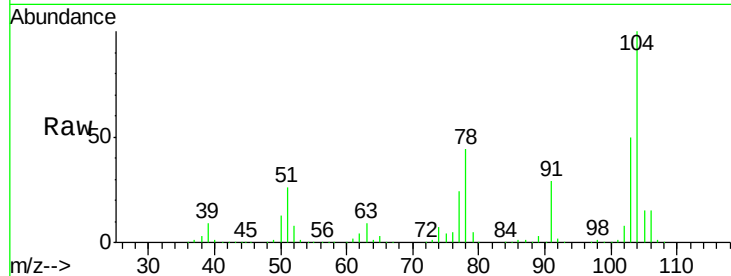
#70
Stvrene
Concen: 50.78 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.1	39.4	59.2
103	55.2	44.2	66.2

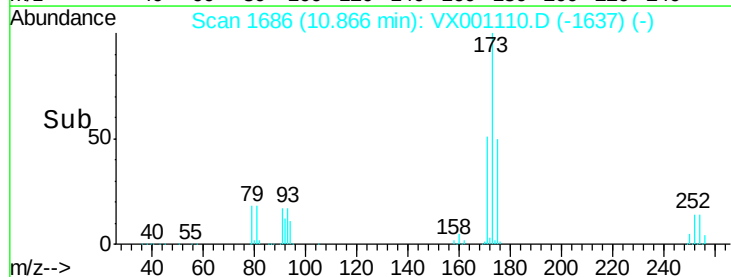
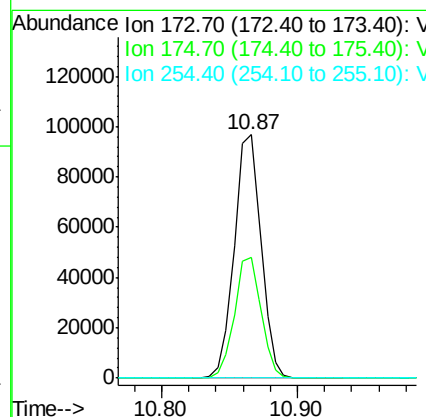
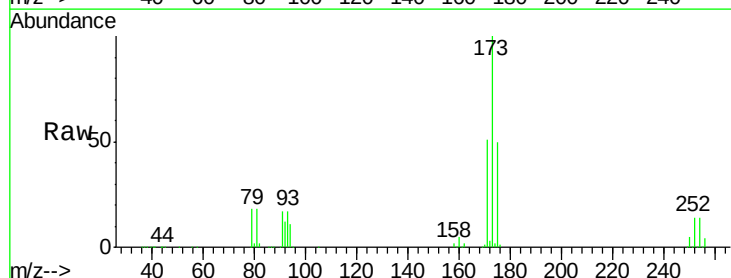
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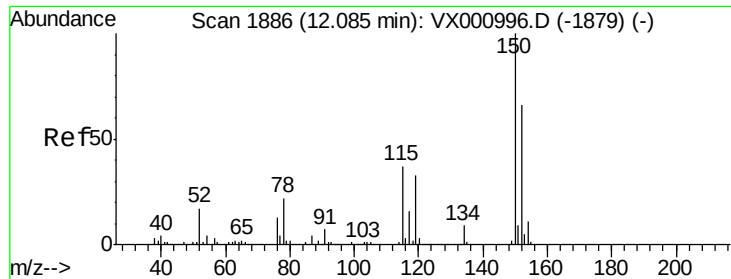
Sohil
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#71
Bromoform
Concen: 48.69 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.8	74.3
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

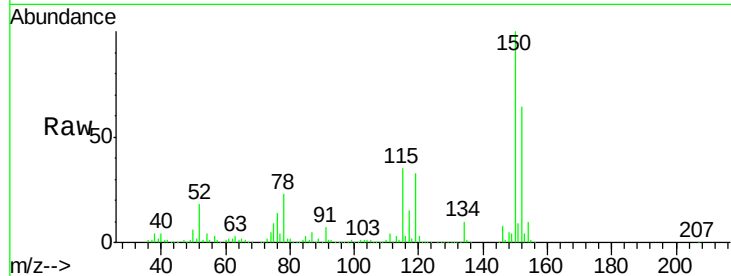
ClientSampleId :

LF015MW001-180416MSD

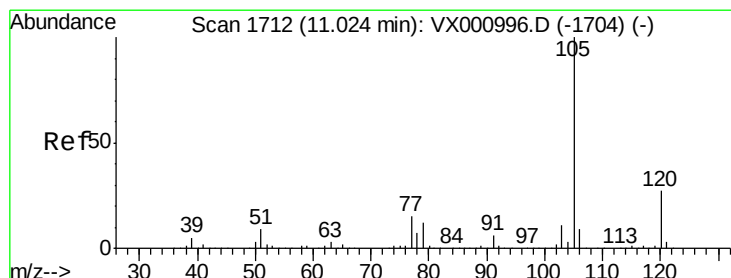
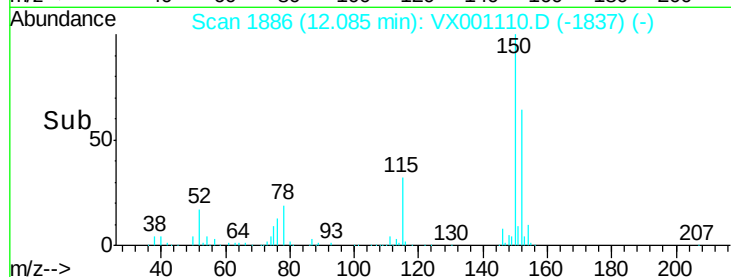
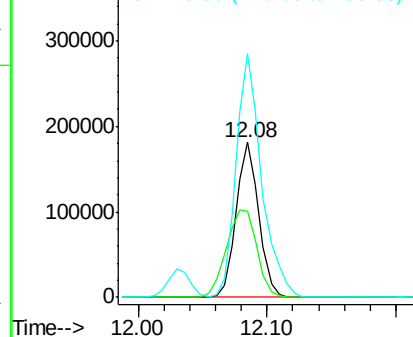
Tot Ion:	152	Resp:	222055
Ion Ratio	Lower	Upper	
152	100		
115	76.8	38.2	114.6
150	177.7	0.0	350.4

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



#73

Isopropylbenzene

Concen: 50.25 ug/l

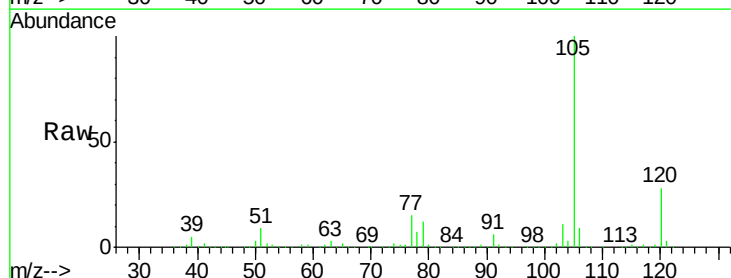
RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

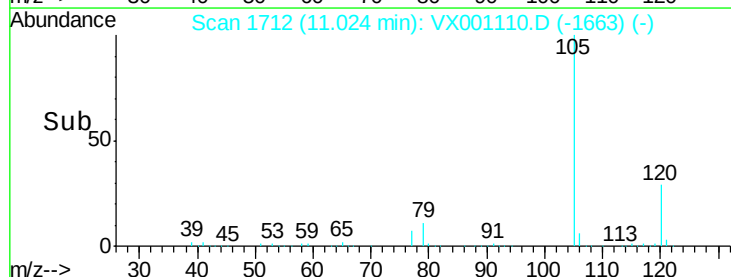
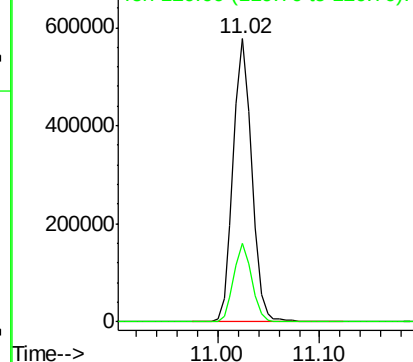
Lab File: VX001110.D

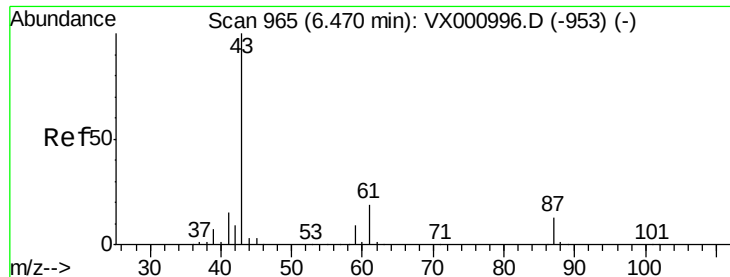
Acq: 25 Apr 2018 06:23

Tgt Ion:	105	Resp:	729421
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.4	40.2



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





#74

N-amvl acetate

Concen: 51.93 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

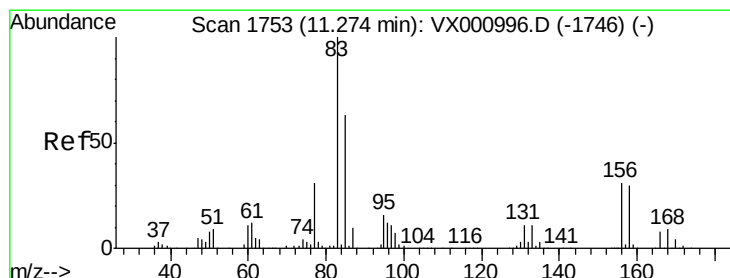
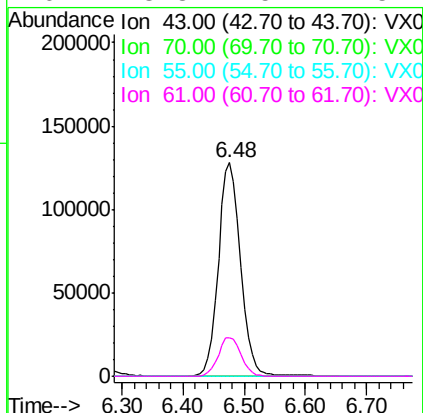
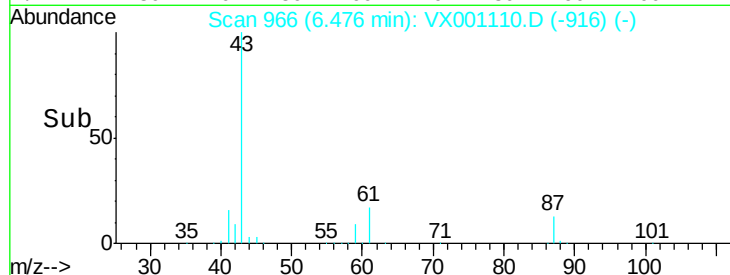
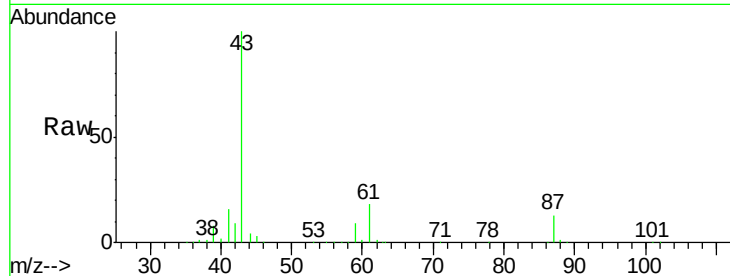
ClientSampleId :

LF015MW001-180416MSD

Tot Ion	43	Resp	322456
Ion Ratio	Lower	Upper	
43	100		
70	0.0	0.0	0.0
55	0.1	0.1	0.1#
61	18.8	15.4	23.2

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#75

1,1,2,2-Tetrachloroethane

Concen: 55.49 ug/l

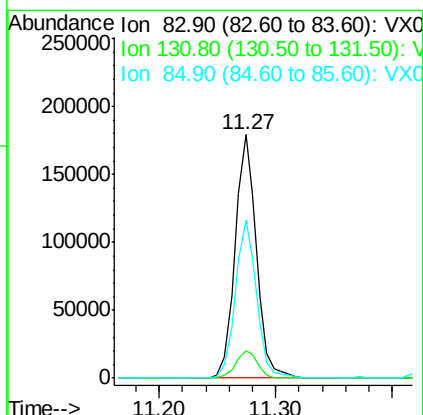
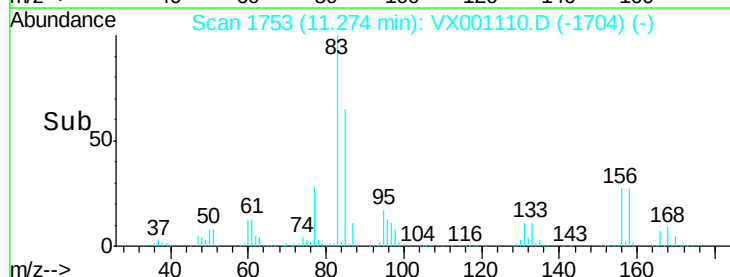
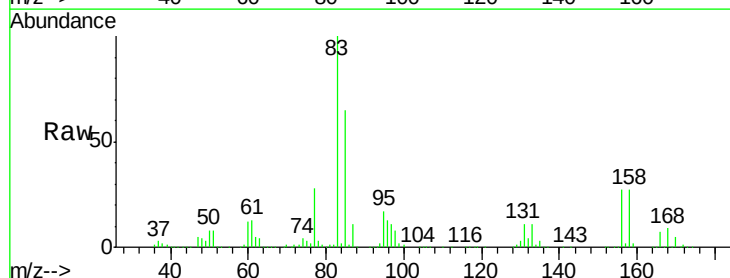
RT: 11.27 min Scan# 1753

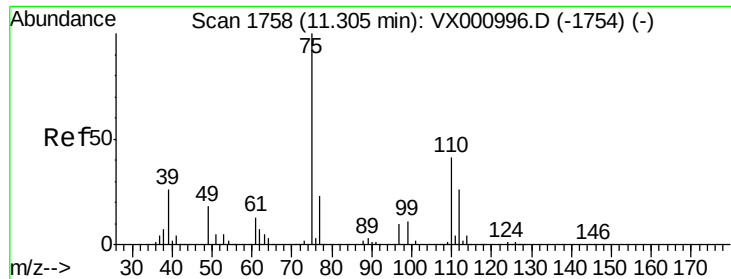
Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion	83	Resp	228038
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.4
85	64.9	32.0	96.2





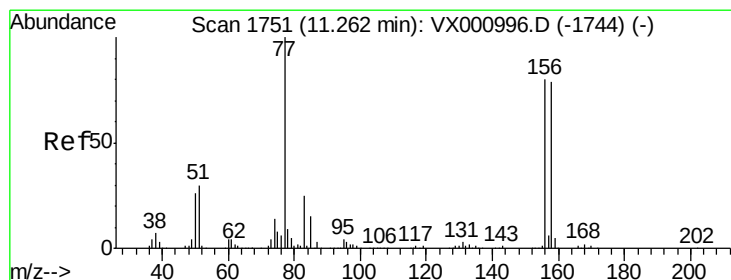
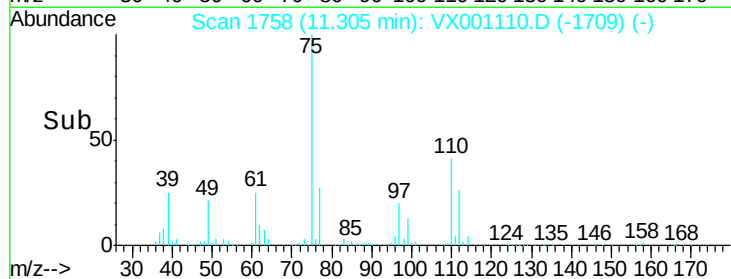
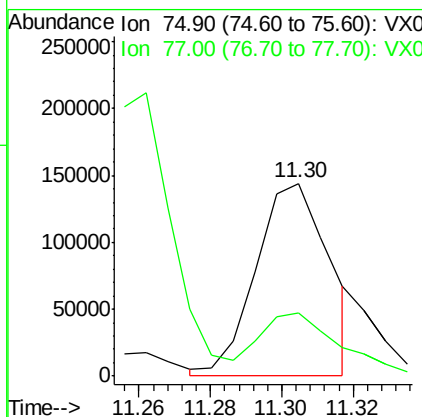
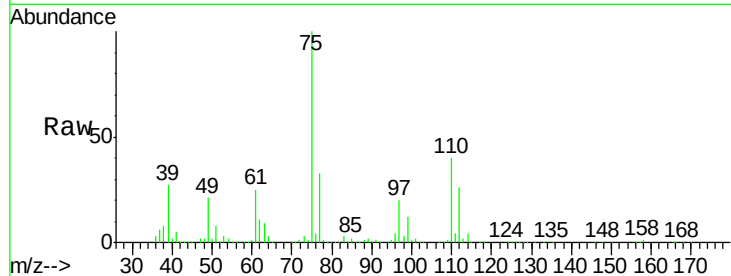
#76
 1,2,3-Trichloropropane
 Concen: 53.33 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tot Ion: 75 Resp: 205473
 Ion Ratio Lower Upper
 75 100
 77 35.9 19.6 58.7

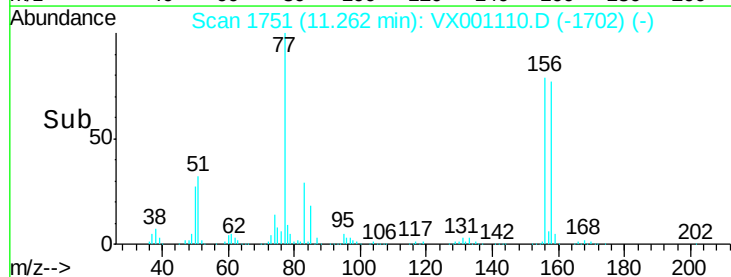
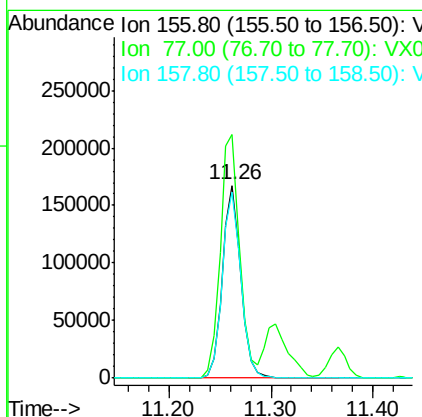
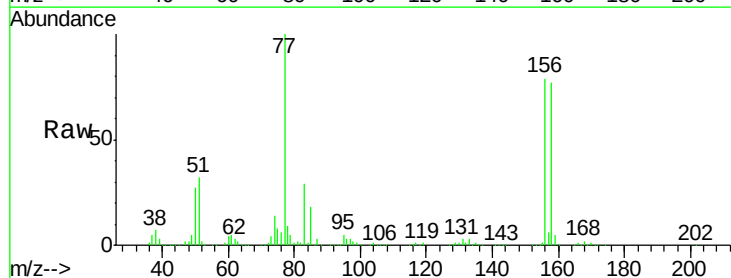
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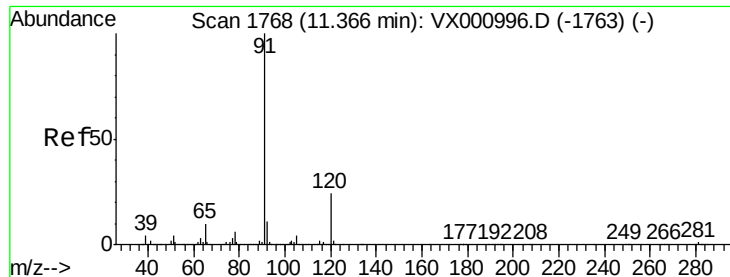
Sohil
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#77
 Bromobenzene
 Concen: 49.72 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion: 156 Resp: 209523
 Ion Ratio Lower Upper
 156 100
 77 134.5 66.3 199.0
 158 98.5 48.9 146.6





#78

n-propylbenzene

Concen: 49.20 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

Tot Ion: 91 Resp: 819998

Ion Ratio Lower Upper

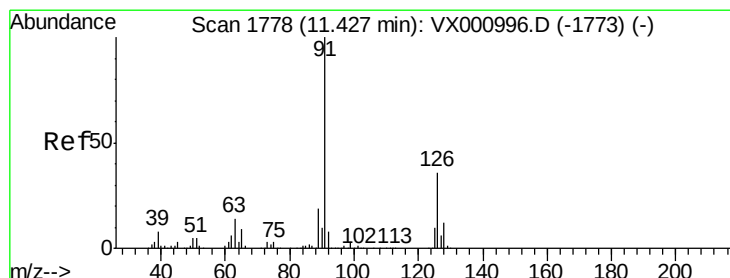
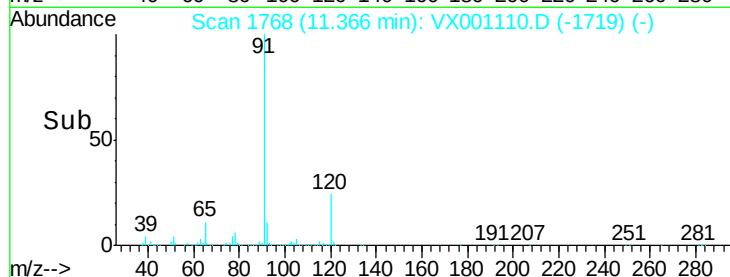
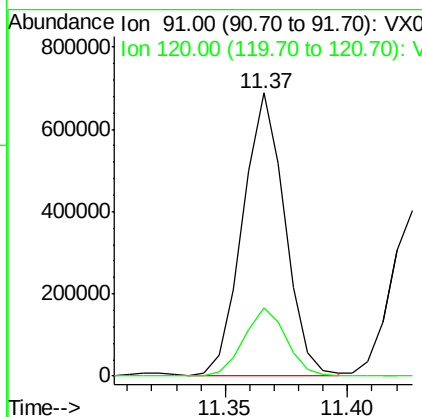
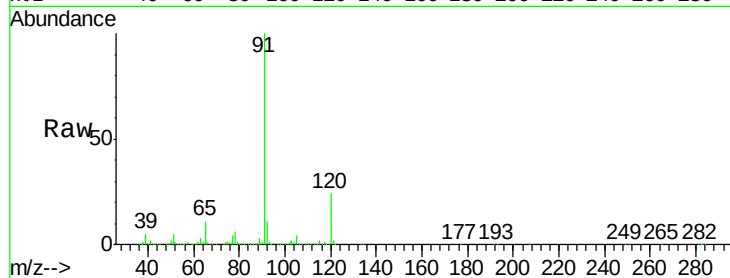
91 100

120 24.6 12.4 37.0

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#79

2-Chlorotoluene

Concen: 50.38 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001110.D

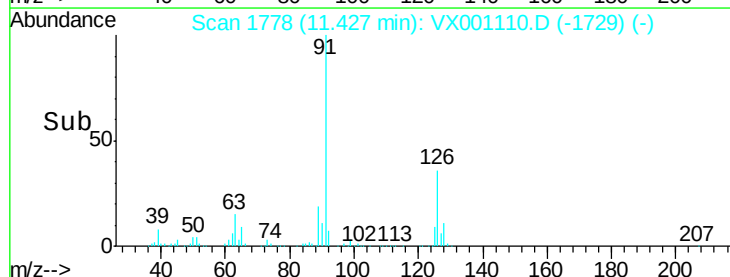
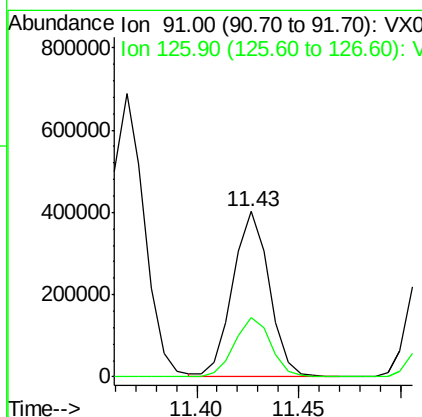
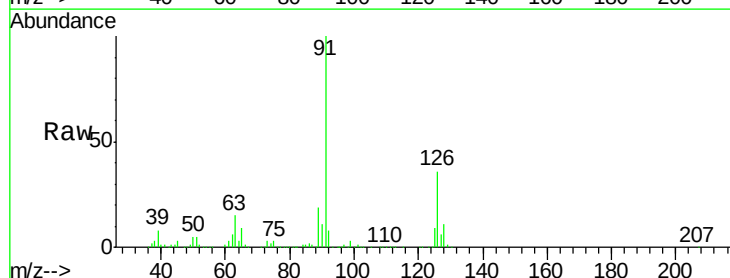
Acq: 25 Apr 2018 06:23

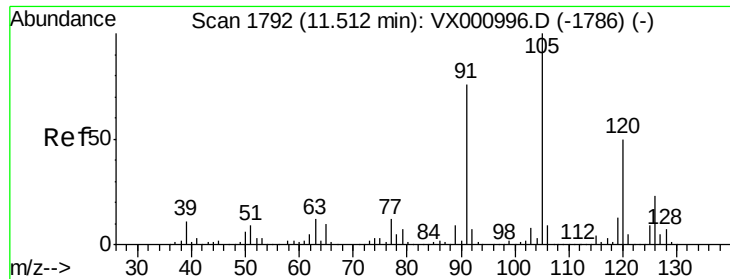
Tgt Ion: 91 Resp: 496120

Ion Ratio Lower Upper

91 100

126 36.1 18.3 54.9





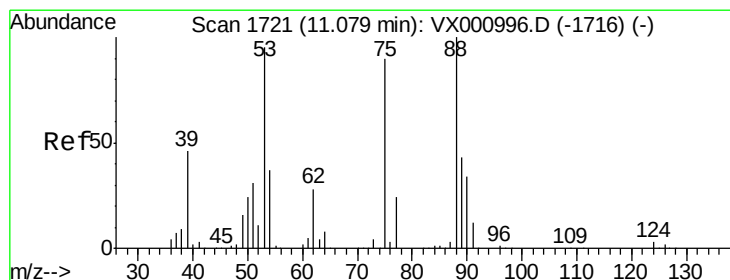
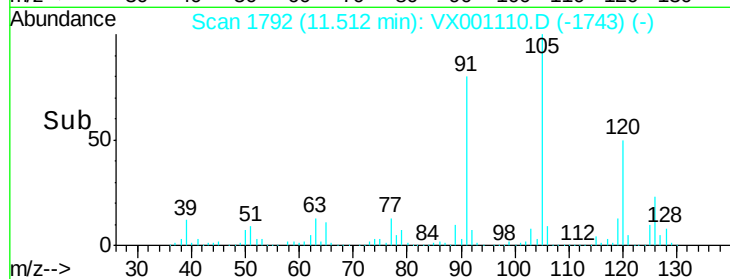
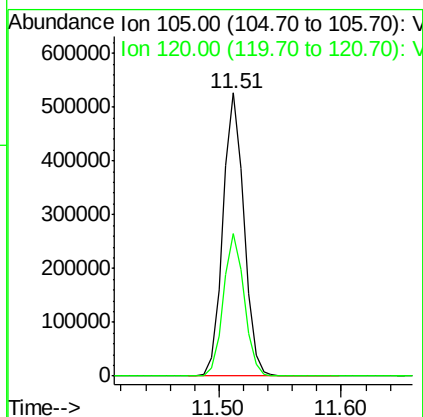
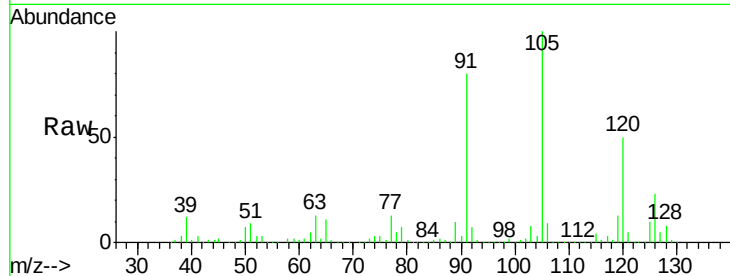
#80
 1,3,5-Trimethylbenzene
 Concen: 50.73 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tot Ion:105 Resp: 624298
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.0 75.0

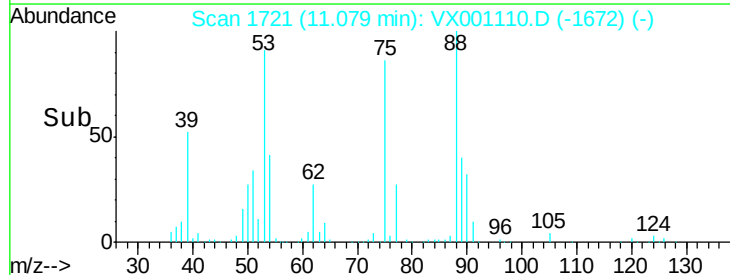
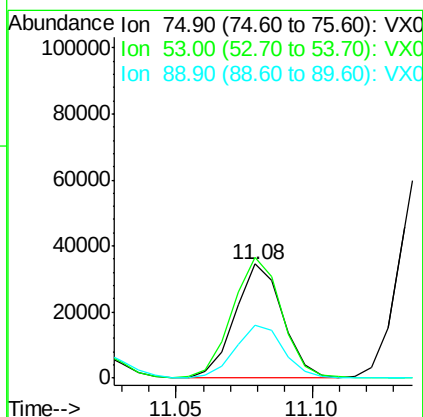
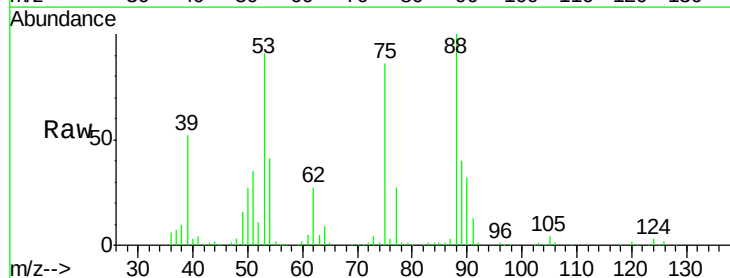
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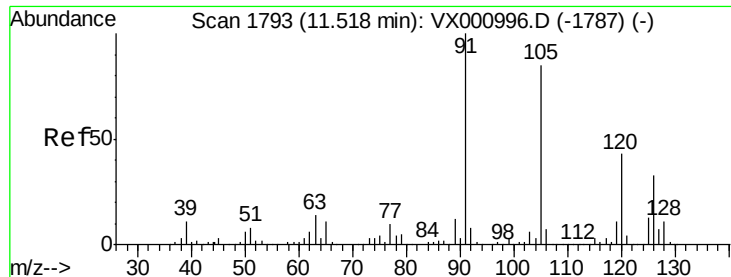
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 34.09 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion: 75 Resp: 41412
 Ion Ratio Lower Upper
 75 100
 53 110.1 83.4 125.2
 89 47.7 39.7 59.5





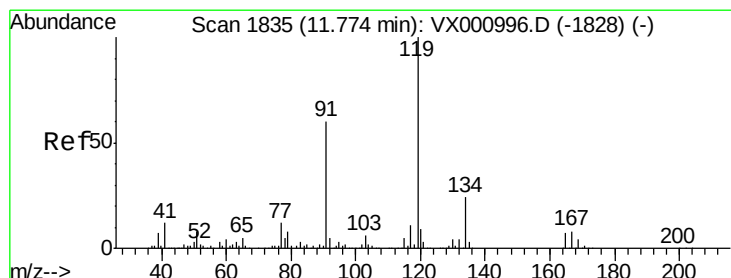
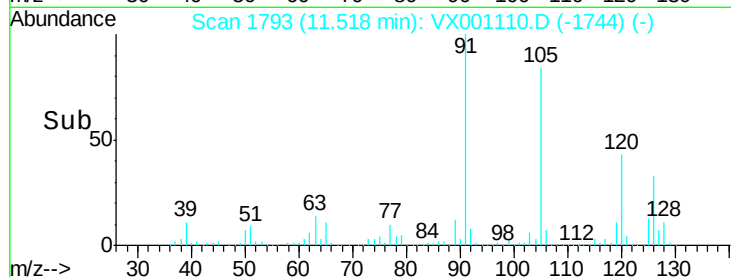
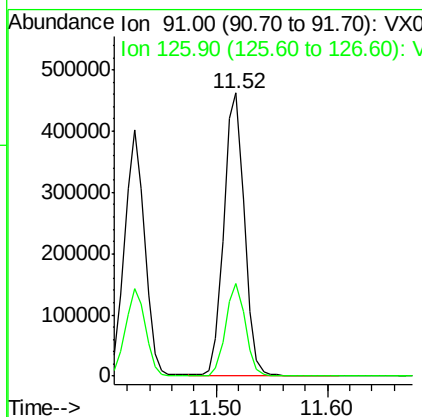
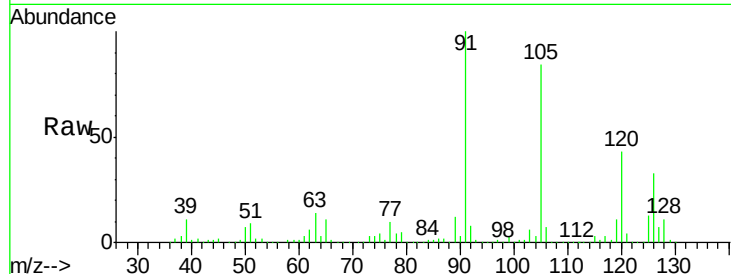
#82
4-Chlorotoluene
Concen: 49.60 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion: 91 Resp: 590168
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.5

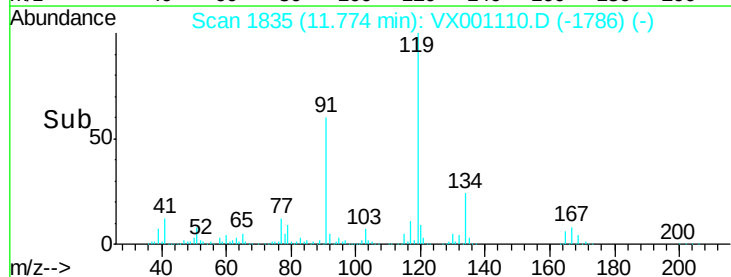
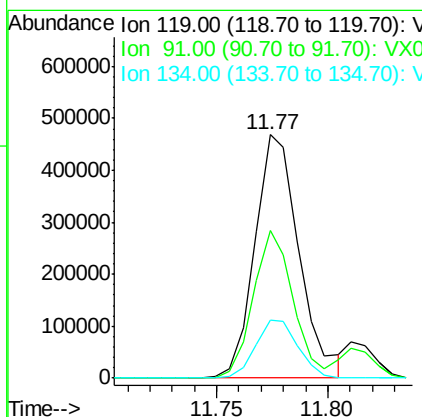
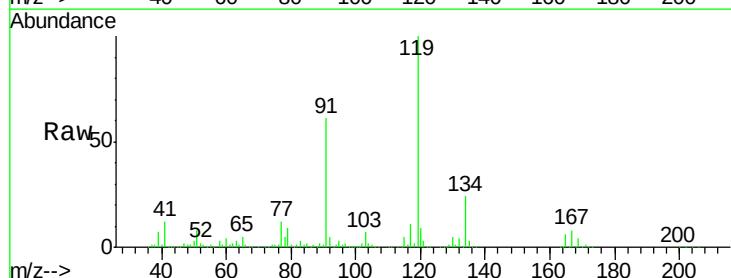
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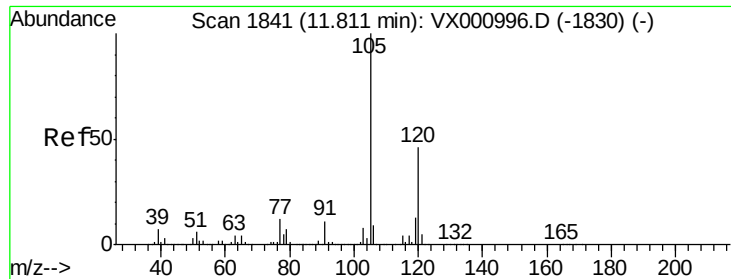
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#83
tert-Butylbenzene
Concen: 52.21 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 119 Resp: 648117
Ion Ratio Lower Upper
119 100
91 54.7 27.0 81.0
134 23.0 11.6 34.7





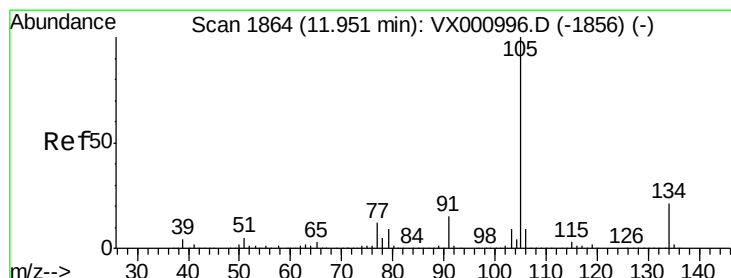
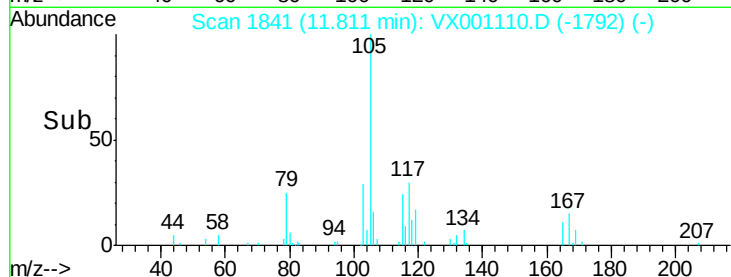
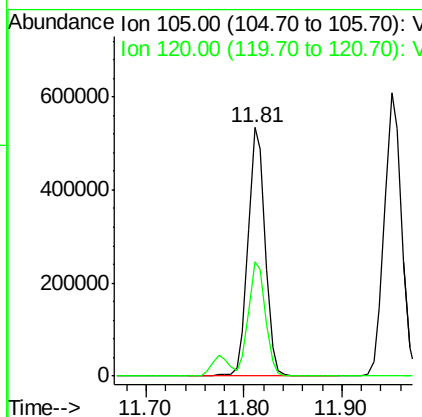
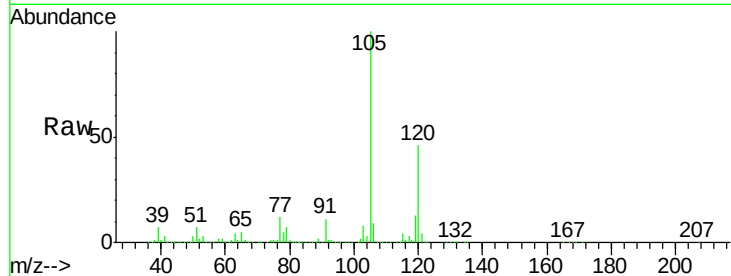
#84
 1,2,4-Trimethylbenzene
 Concen: 51.10 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.0	69.0

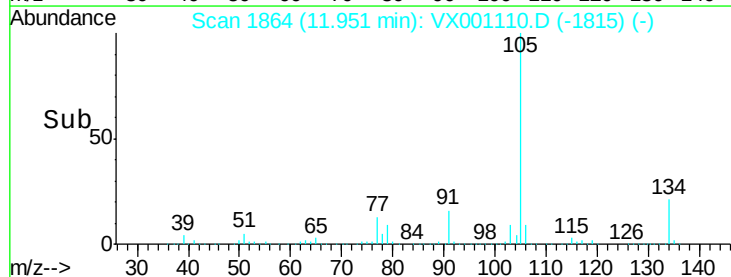
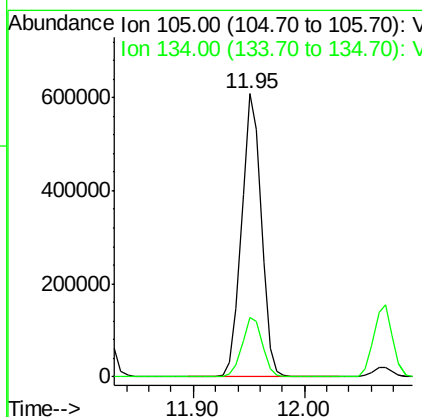
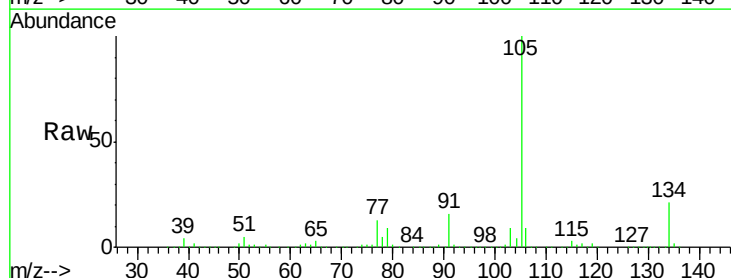
Manual Integrations
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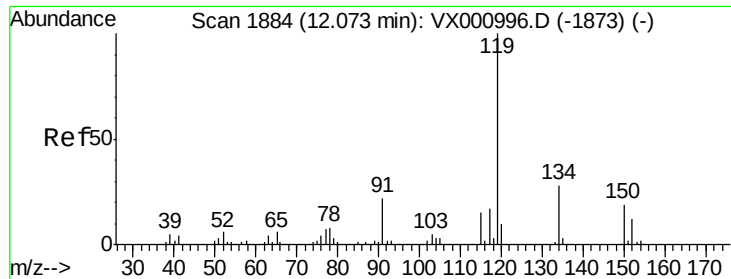
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#85
 sec-Butylbenzene
 Concen: 50.47 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.5	31.6





#86

p-Isopropyltoluene

Concen: 49.47 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

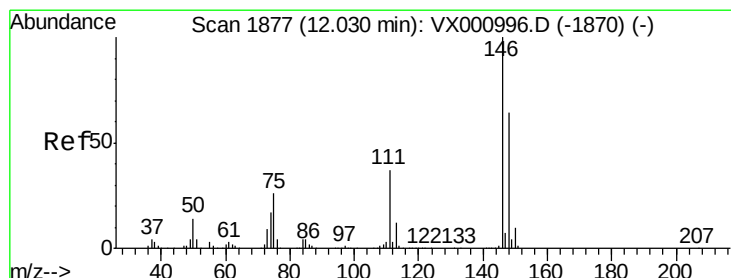
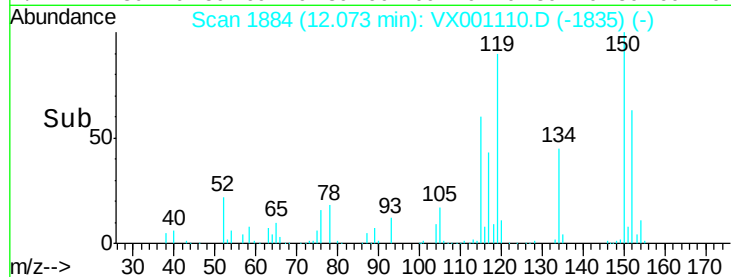
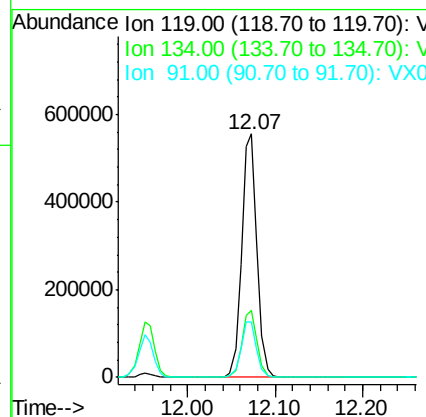
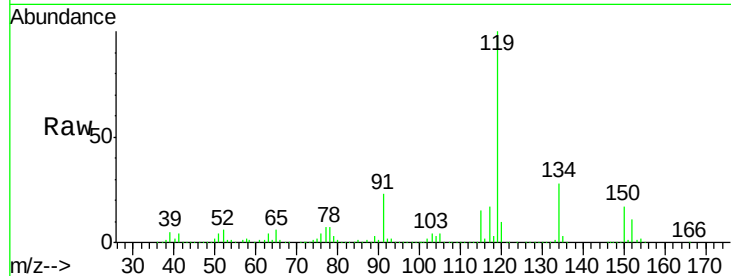
ClientSampleId :

LF015MW001-180416MSD

Tot Ion:	119	Resp:	678075
Ion Ratio	Lower	Upper	
119	100		
134	27.2	13.5	40.5
91	23.2	11.4	34.1

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#87

1,3-Dichlorobenzene

Concen: 49.22 ug/l

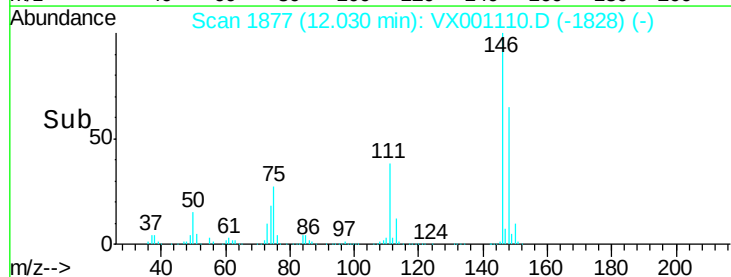
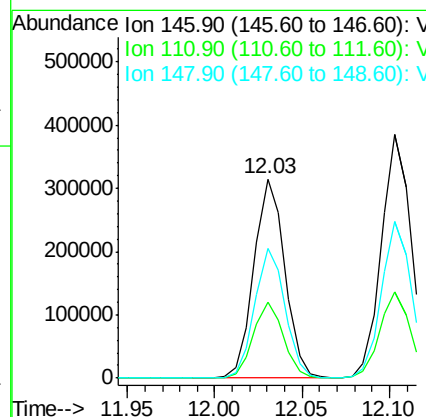
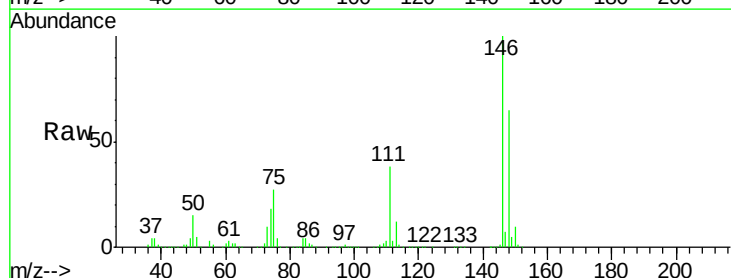
RT: 12.03 min Scan# 1877

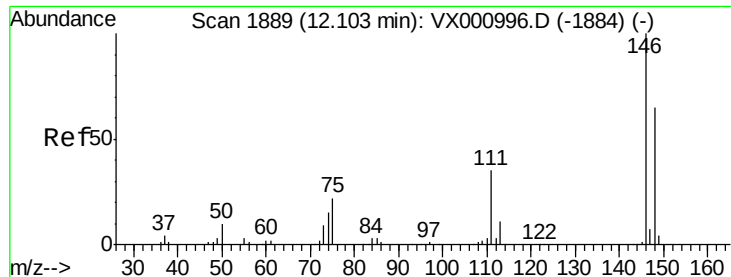
Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion:	146	Resp:	388298
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.3	54.8
148	64.2	32.2	96.6





#88

1,4-Dichlorobenzene

Concen: 56.47 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

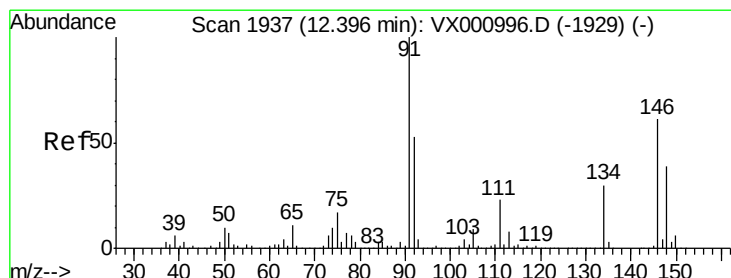
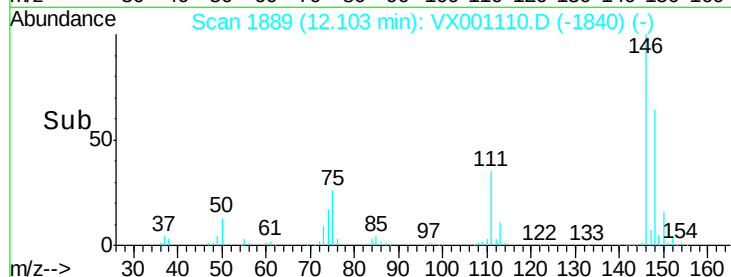
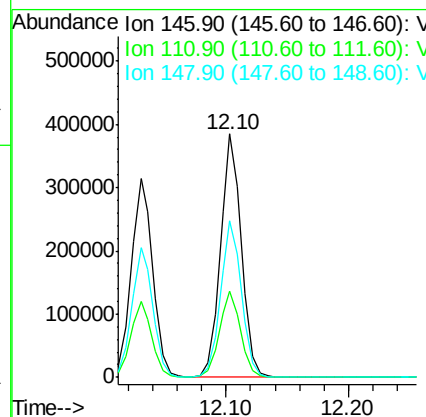
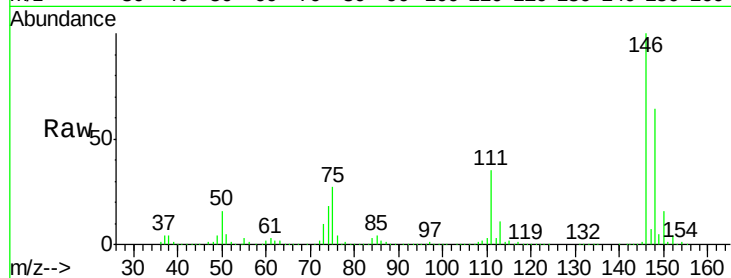
ClientSampleId :

LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.0	54.0
148	64.6	32.4	97.0

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#89

n-Butylbenzene

Concen: 47.16 ug/l

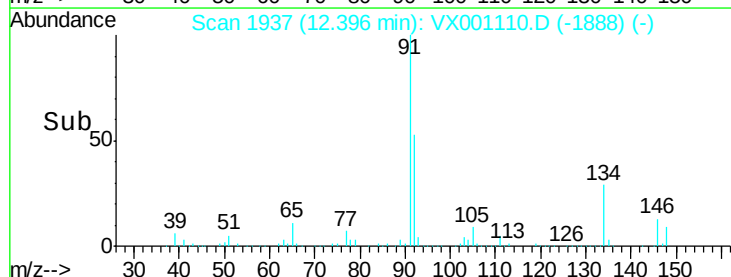
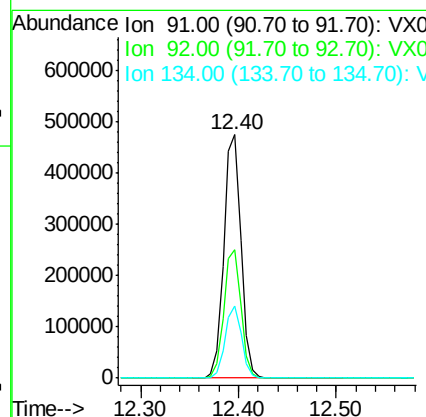
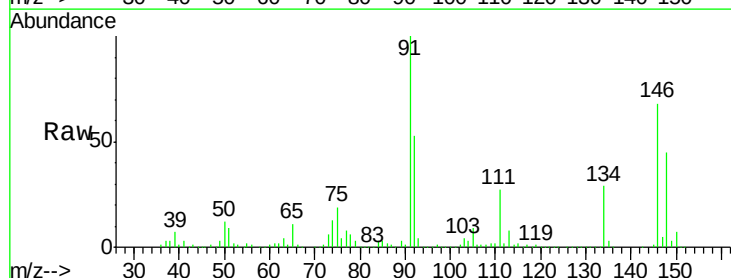
RT: 12.40 min Scan# 1937

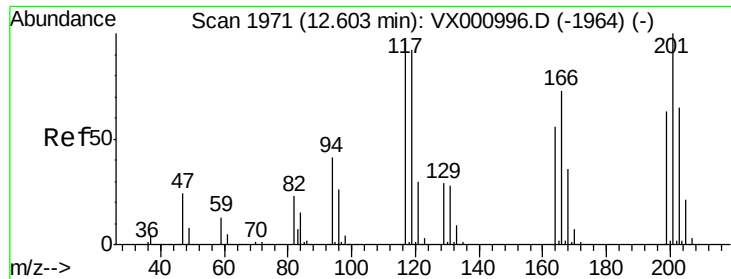
Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.3	78.9
134	28.4	14.4	43.0





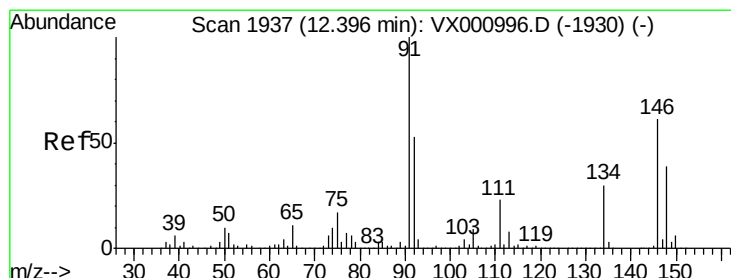
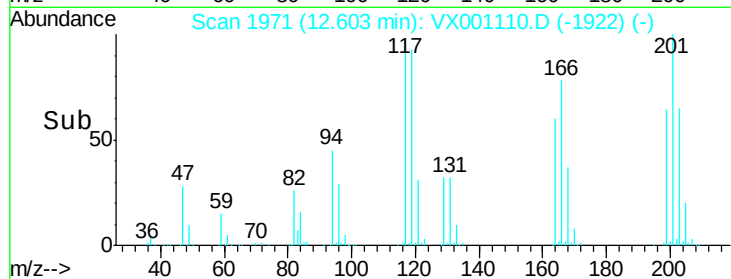
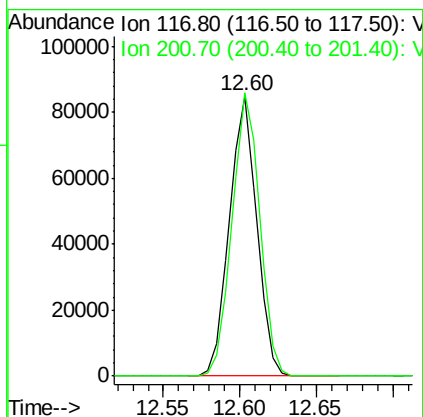
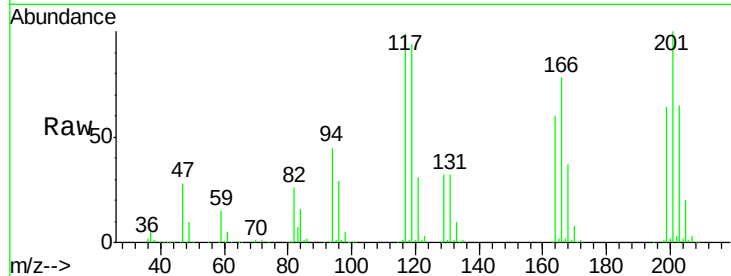
#90
Hexachloroethane
Concen: 54.23 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tot Ion:117 Resp: 105333
Ion Ratio Lower Upper
117 100
201 102.2 52.3 157.1

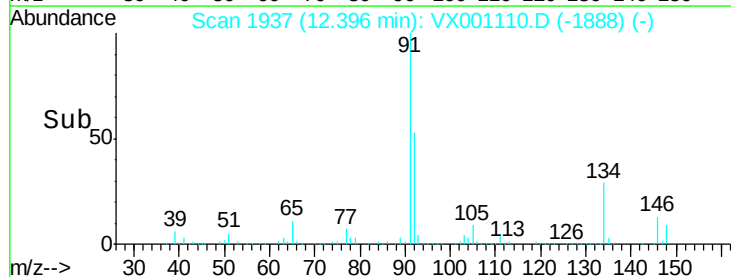
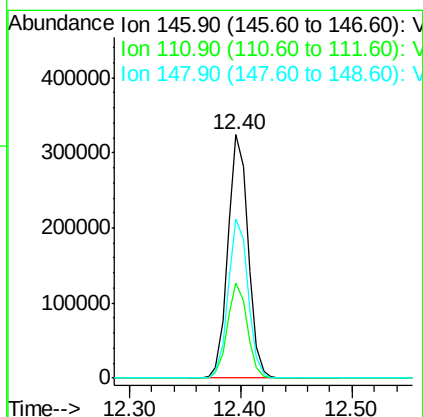
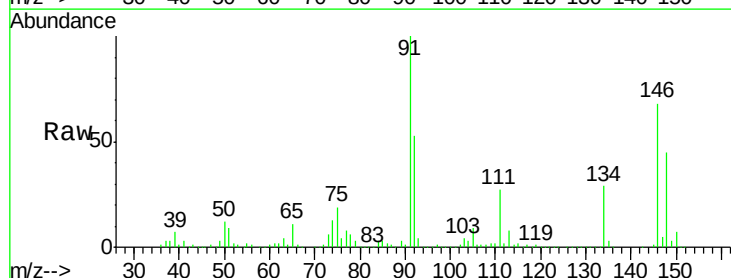
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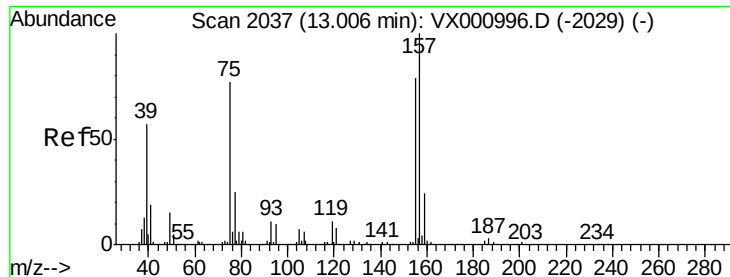
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#91
1,2-Dichlorobenzene
Concen: 52.94 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion:146 Resp: 404297
Ion Ratio Lower Upper
146 100
111 38.4 18.6 56.0
148 64.7 32.3 96.8





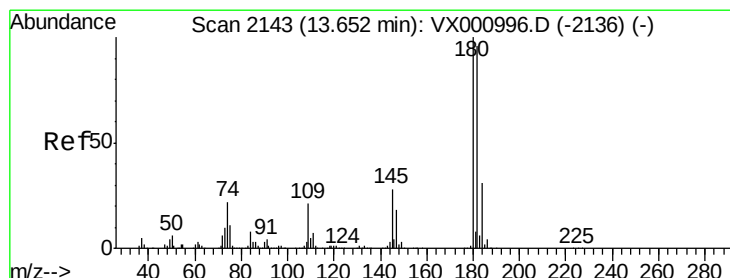
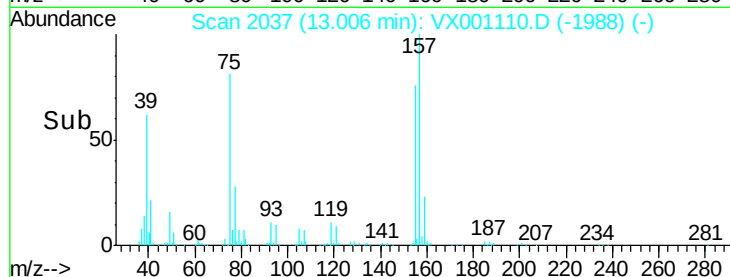
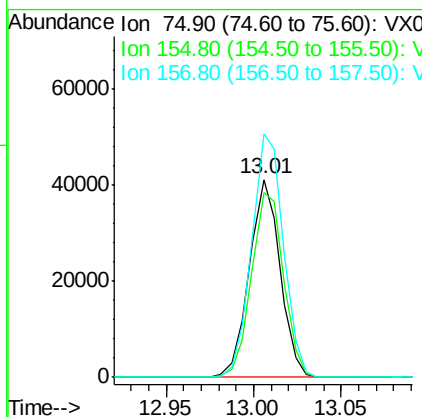
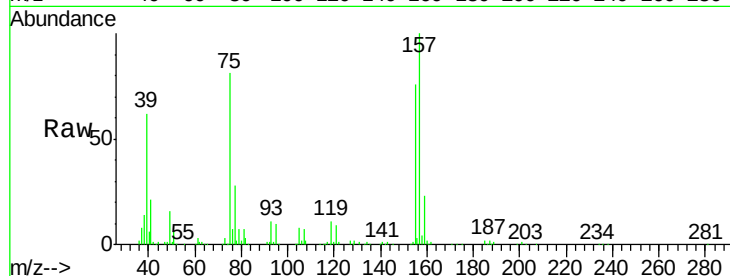
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.48 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	97.3	51.0	153.0
157	127.0	64.9	194.7

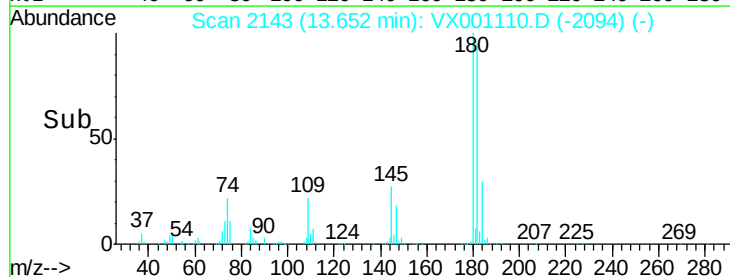
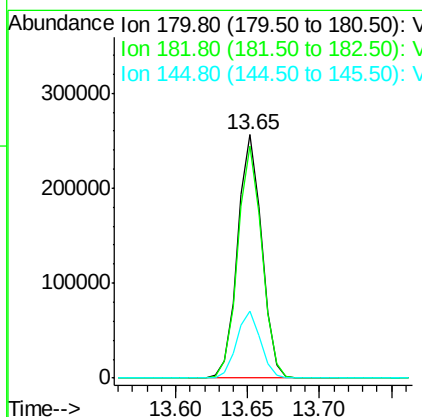
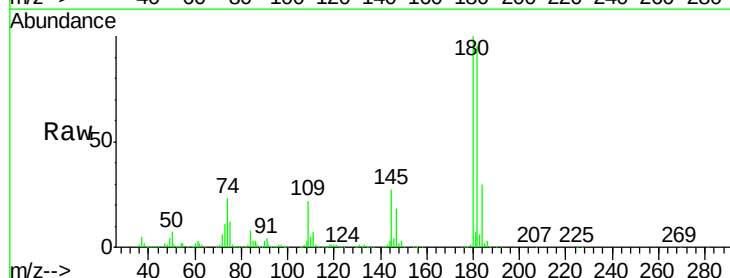
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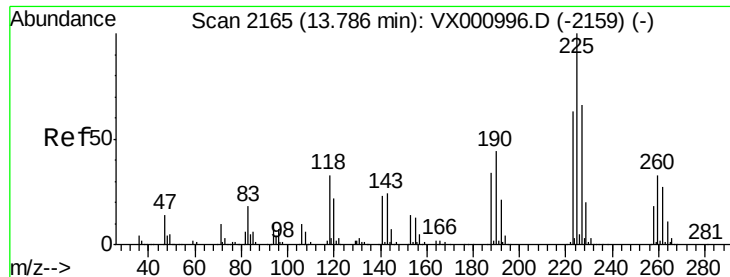
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#93
 1,2,4-Trichlorobenzene
 Concen: 46.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.0
145	27.4	13.9	41.7





#94

Hexachlorobutadiene

Concen: 49.48 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

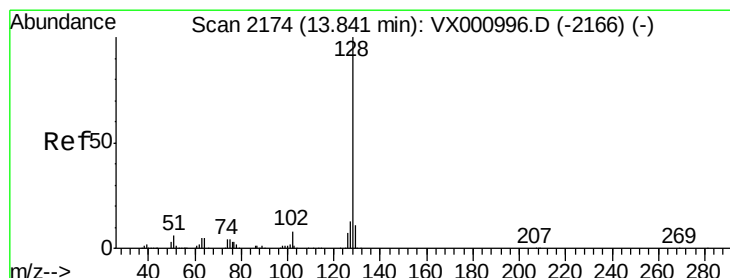
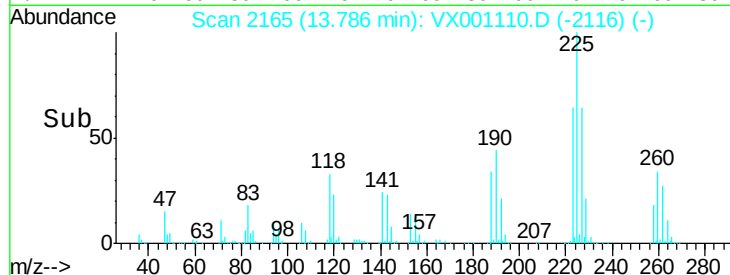
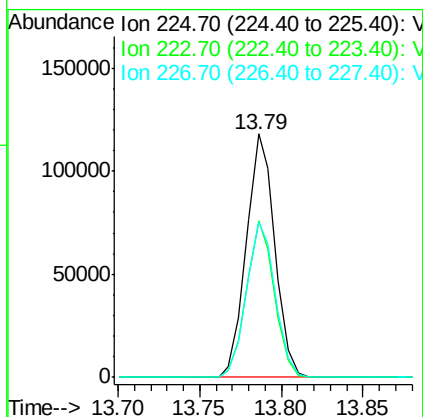
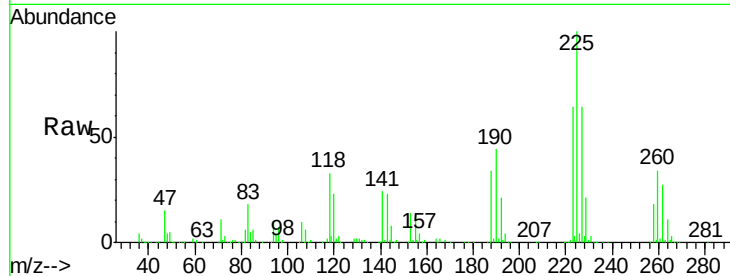
ClientSampleId :

LF015MW001-180416MSD

Tot Ion:	225	Resp:	143544
Ion Ratio		Lower	Upper
225	100		
223	62.7	31.5	94.5
227	64.1	32.6	97.8

Manual Integrations
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#95

Naphthalene

Concen: 53.95 ug/l

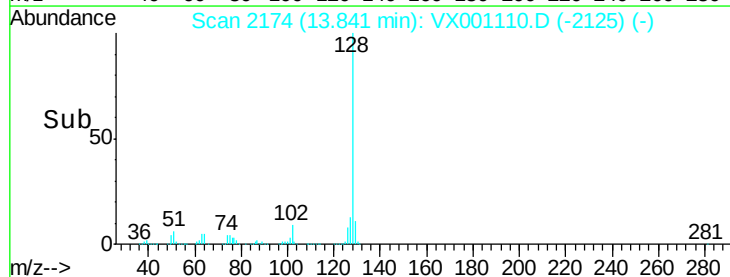
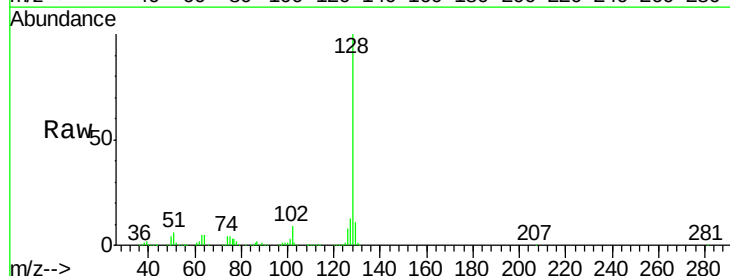
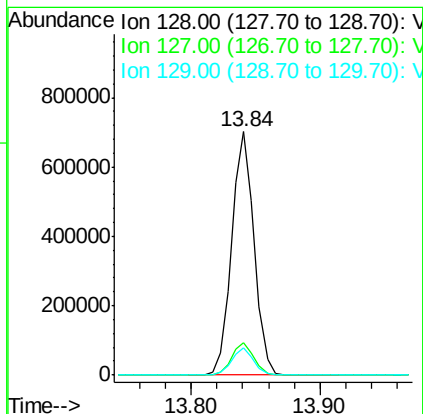
RT: 13.84 min Scan# 2174

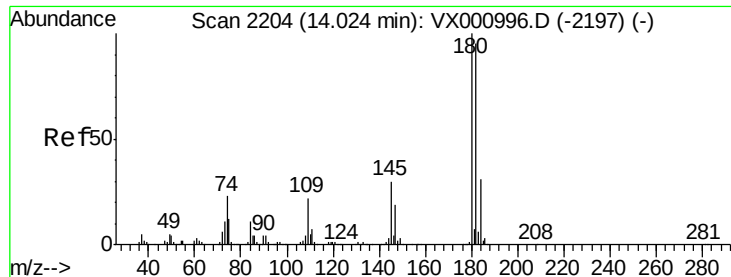
Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion:	128	Resp:	850613
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 48.99 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.5	47.9	143.7	
145	29.0	14.5	43.6	

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:36 AM

