

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022118\
 Data File : VX000123.D
 Acq On : 21 Feb 2018 18:13
 Operator : JC/MD
 Sample : MDL04 2.00PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL04 2.00PPB

Manual Integrations
 APPROVED

sam
 2/23/2018 5:52:40 PM

Quant Time: Feb 22 07:20:00 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.04	128	15131	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.88	114	87364	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	81252	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.09	65	34453	29.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.07%
60) 4-Bromofluorobenzene	11.15	95	39421	29.66	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.87%
63) Toluene-d8	8.73	98	108451	31.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.87%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	2087	2.22	ug/l	88
3) Chloromethane	1.32	50	2162	2.30	ug/l	96
4) Vinyl Chloride	1.40	62	2534	2.26	ug/l	96
5) Bromomethane	1.65	94	2221	2.15	ug/l	96
6) Chloroethane	1.73	64	1875	2.62	ug/l	93
7) Trichlorofluoromethane	1.93	101	4277	2.20	ug/l	98
8) Diethyl Ether	2.20	74	1554	2.29	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2355	2.22	ug/l	99
10) 1,1-Dichloroethene	2.38	96	2225	2.20	ug/l	96
11) Methyl Iodide	2.52	142	1745	1.78	ug/l	98
12) Methyl Acetate	2.79	43	2440	1.35	ug/l	92
13) Acrolein	2.31	56	1585	7.29	ug/l	93
14) Acrylonitrile	3.16	53	3067	3.92	ug/l	97
15) Acetone	2.46	58	1176	4.61	ug/l	92
16) Carbon Disulfide	2.57	76	6131	2.12	ug/l #	95
17) Allyl chloride	2.73	41	3098	1.80	ug/l	95
18) Methylene Chloride	2.87	84	2722	2.47	ug/l	87
19) trans-1,2-Dichloroethene	3.18	96	1806	1.64	ug/l	92
20) Diisopropyl ether	3.89	45	4979	1.83	ug/l	92
21) 1,1-Dichloroethane	3.70	63	3281m	1.83	ug/l	
22) cis-1,2-Dichloroethene	4.62	96	2098	2.05	ug/l	94
23) tert-Butyl Alcohol	3.10	59	1968m	4.40	ug/l	
24) Methyl tert-Butyl Ether	3.22	73	5674	1.63	ug/l	92
25) Chloroform	5.23	83	3606	2.03	ug/l #	82
26) Cyclohexane	5.59	56	2944	2.09	ug/l #	81
29) 1,1-Dichloropropene	5.82	75	2653	2.09	ug/l	89
30) 2-Butanone	4.73	43	4650	4.75	ug/l #	76
31) 2,2-Dichloropropane	4.60	77	2381	1.74	ug/l #	80
32) 1,1,1-Trichloroethane	5.51	97	3337	2.17	ug/l	91
33) Carbon Tetrachloride	5.81	117	2767	2.02	ug/l	97
34) Benzene	6.16	78	7921	2.16	ug/l	100
35) Methacrylonitrile	5.09	41	1326m	1.47	ug/l	
36) 1,2-Dichloroethane	6.21	62	3037	2.19	ug/l #	86
37) Trichloroethene	7.23	130	2239	2.07	ug/l #	79
38) Methylcyclohexane	7.47	83	3212	2.11	ug/l	98
39) 1,2-Dichloropropane	7.53	63	2015	2.20	ug/l	89
40) Dibromomethane	7.68	93	1331	1.89	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022118\
 Data File : VX000123.D
 Acq On : 21 Feb 2018 18:13
 Operator : JC/MD
 Sample : MDL04 2.00PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL04 2.00PPB

Manual Integrations
 APPROVED

sam
 2/23/2018 5:52:40 PM

Quant Time: Feb 22 07:20:00 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.92	83	2667	1.99	ug/l	93
42) Vinyl Acetate	3.84	43	17713	7.10	ug/l	100
43) Ethyl Acetate	4.88	43	2162	1.26	ug/l #	90
44) Isopropyl Acetate	6.48	43	3692	1.46	ug/l	95
45) 1,4-Dioxane	7.78	88	515	16.22	ug/l #	90
46) Methyl methacrylate	7.80	41	1913	1.56	ug/l	95
47) n-amyl Acetate	10.91	43	3354	1.52	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	2917	1.87	ug/l #	83
49) cis-1,3-Dichloropropene	9.06	75	2500	1.65	ug/l #	84
50) 1,1,2-Trichloroethane	9.23	97	1942	1.88	ug/l	91
51) Ethyl methacrylate	9.20	69	2520	1.59	ug/l	92
52) 1,3-Dichloropropane	9.38	76	3154	1.90	ug/l	97
53) Dibromochloromethane	9.59	129	1986	1.73	ug/l	97
54) 1,2-Dibromoethane	9.68	107	1944	1.69	ug/l	98
55) 2-Chloroethyl vinyl ether	8.33	63	6002	8.68	ug/l	98
56) Bromoform	10.87	173	1305	1.40	ug/l #	94
58) 4-Methyl-2-Pentanone	8.66	43	11318	6.36	ug/l	97
59) 2-Hexanone	9.51	43	7527	4.99	ug/l	98
61) Tetrachloroethene	9.35	164	2343	2.37	ug/l	93
62) Toluene	8.80	91	9232	2.18	ug/l	96
64) Chlorobenzene	10.15	112	5805	2.03	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.23	131	1896	1.87	ug/l	99
66) Ethyl Benzene	10.26	91	10110	2.10	ug/l	98
67) m/p-Xylenes	10.37	106	7631	4.03	ug/l	97
68) o-Xylene	10.71	106	3711	2.02	ug/l	97
69) Styrene	10.73	104	5866	1.93	ug/l	95
70) Isopropylbenzene	11.03	105	10010	2.02	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.28	83	2478	1.45	ug/l	97
72) 1,2,3-Trichloropropane	11.30	75	2373m	1.55	ug/l	
73) Bromobenzene	11.26	156	2428	1.86	ug/l	90
74) n-propylbenzene	11.37	91	11445	1.97	ug/l	98
75) 2-Chlorotoluene	11.43	91	6909	2.06	ug/l	98
76) 1,3,5-Trimethylbenzene	11.52	105	7943	1.89	ug/l	70
77) t-1,4-Dichloro-2-butene	11.09	75	481	0.89	ug/l #	77
78) 4-Chlorotoluene	11.52	91	7478	1.86	ug/l	95
79) tert-butylbenzene	11.78	119	8100m	1.93	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	8607	2.00	ug/l	97
81) sec-Butylbenzene	11.96	105	10069	1.94	ug/l	96
82) p-Isopropyltoluene	12.07	119	8779	1.90	ug/l	99
83) 1,3-Dichlorobenzene	12.04	146	4639	1.87	ug/l	97
84) 1,4-Dichlorobenzene	12.11	146	4918	1.90	ug/l	99
85) n-Butylbenzene	12.40	91	8230	1.90	ug/l	99
86) Hexachloroethane	12.60	117	1216	1.58	ug/l	88
87) 1,2-Dichlorobenzene	12.40	146	4792	1.95	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	585	1.22	ug/l #	70
89) 1,2,4-Trichlorobenzene	13.65	180	3224	1.79	ug/l	96
90) Hexachlorobutadiene	13.79	225	1485	1.91	ug/l	89
91) Naphthalene	13.84	128	8807	1.40	ug/l	97
92) 1,2,3-Trichlorobenzene	14.03	180	3377	1.86	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022118\
Data File : VX000123.D
Acq On : 21 Feb 2018 18:13
Operator : JC/MD
Sample : MDL04 2.00PPB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ClientSampleId :
MDL04 2.00PPB

Manual Integrations
APPROVED

sam
2/23/2018 5:52:40 PM

Quant Time: Feb 22 07:20:00 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

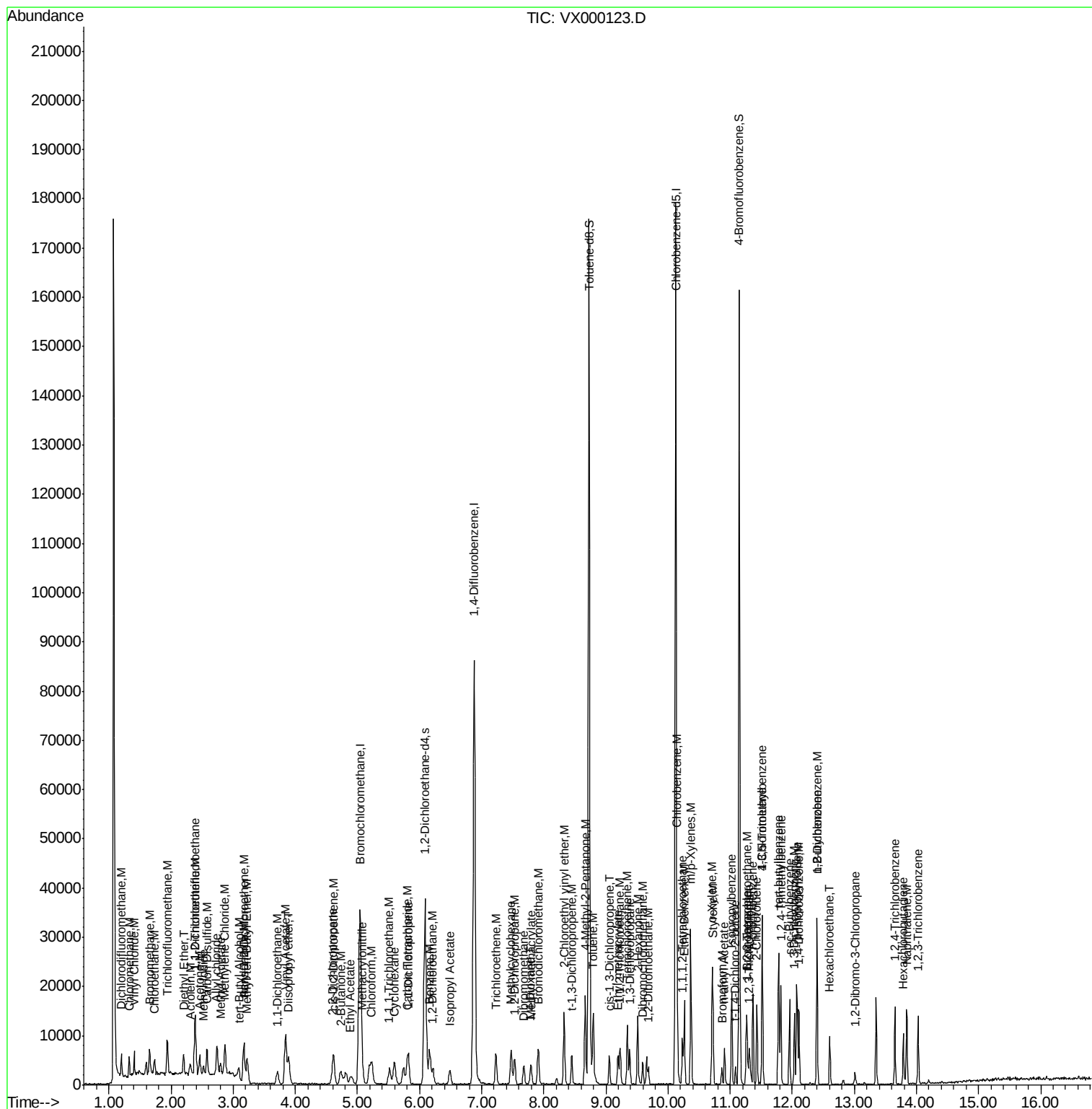
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022118\
Data File : VX000123.D
Acq On : 21 Feb 2018 18:13
Operator : JC/MD
Sample : MDL04 2.00PPB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

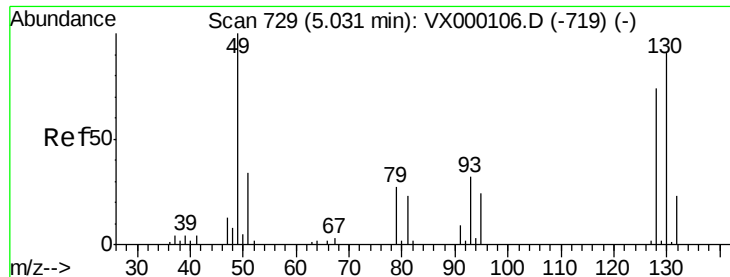
Instrument :
ClientSampleId :
MDL04 2.00PPB

Manual Integrations
APPROVED

sam
2/23/2018 5:52:40 PM

Quant Time: Feb 22 07:20:00 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
Response via : Initial Calibration

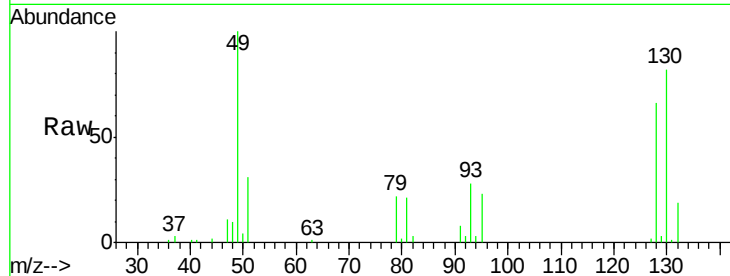




#1

Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.04 min Scan# 731
 Delta R.T. 0.01 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

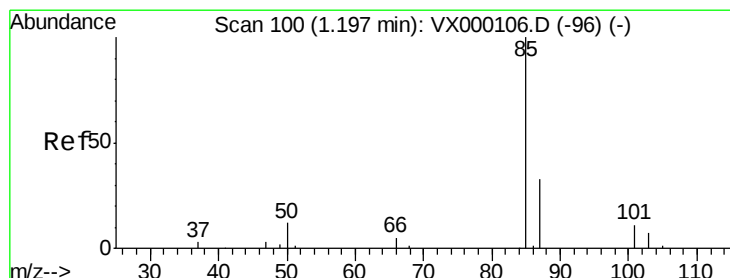
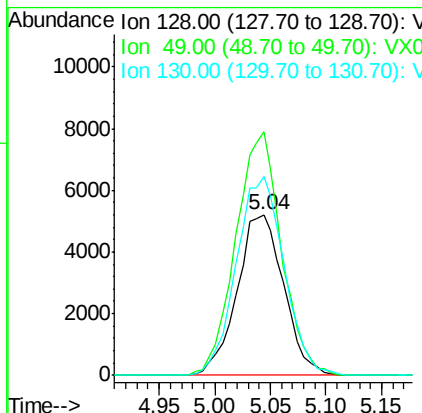
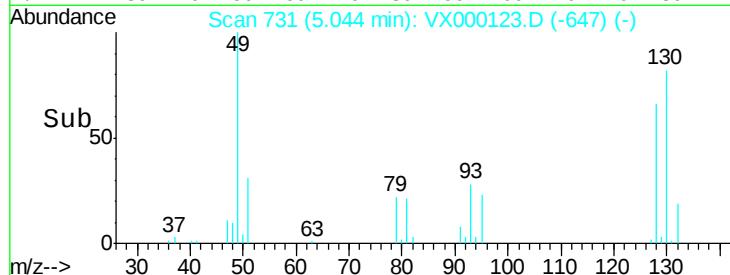
Instrument :
 ClientSampleId :
 MDL04 2.00PPB



Tot Ion	Ratio	Lower	Upper
128	100		
49	148.5	0.0	378.3
130	127.2	0.0	324.3

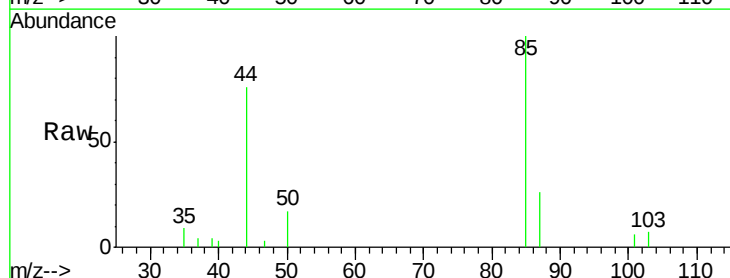
Manual Integrations
 APPROVED

sam
 2/23/2018 5:52:40 PM

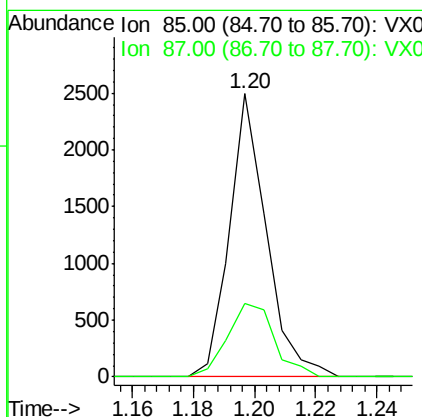
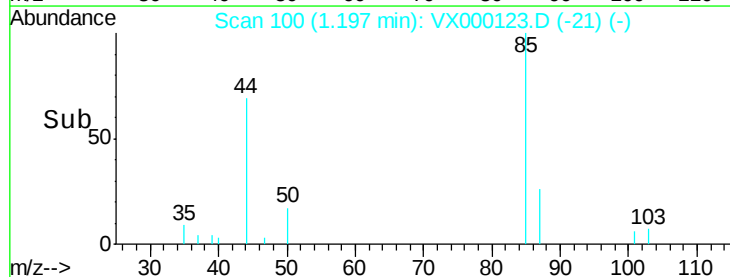


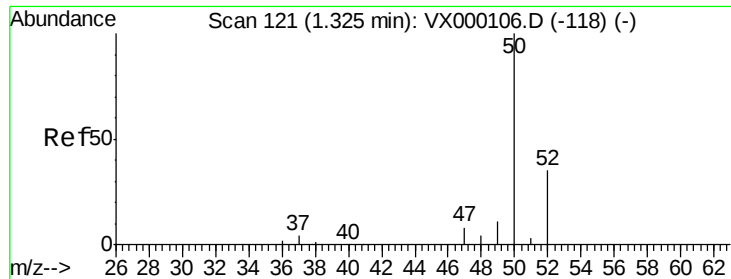
#2

Dichlorodifluoromethane
 Concen: 2.22 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13



Tgt Ion	Ratio	Lower	Upper
85	100		
87	26.0	16.6	49.7





#3

Chloromethane

Concen: 2.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 50 Resp: 2162

Ion Ratio Lower Upper

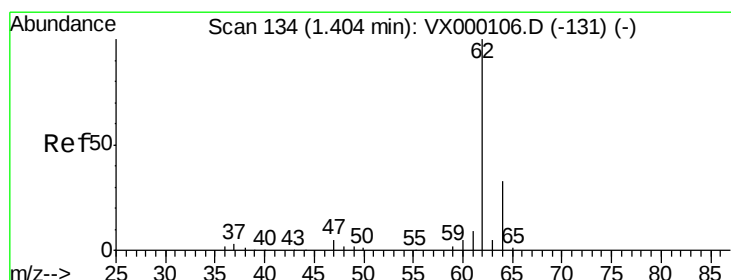
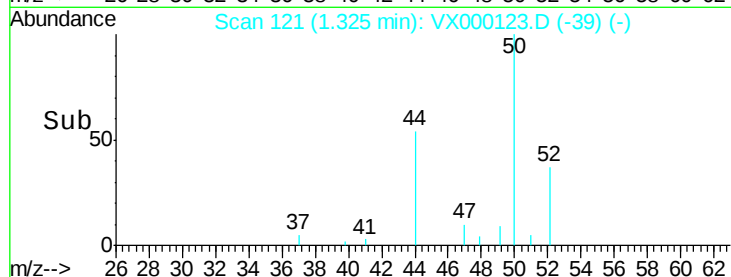
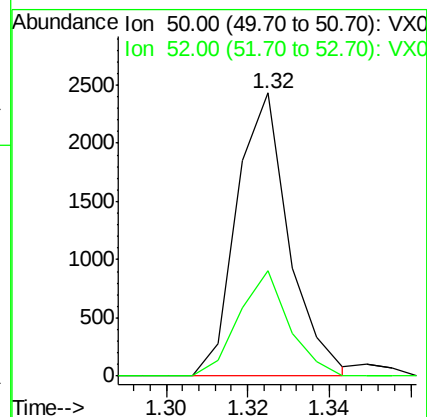
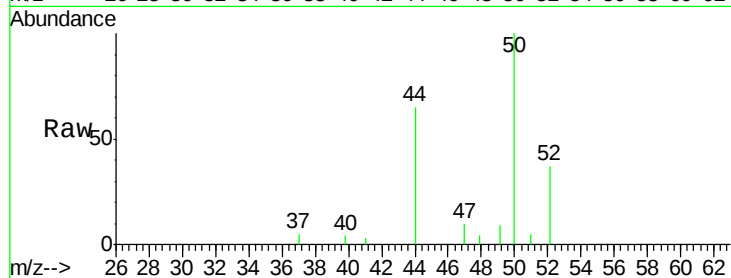
50 100

52 37.1 27.8 41.6

Manual Integrations
APPROVED

sam

2/23/2018 5:52:40 PM



#4

Vinyl Chloride

Concen: 2.26 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000123.D

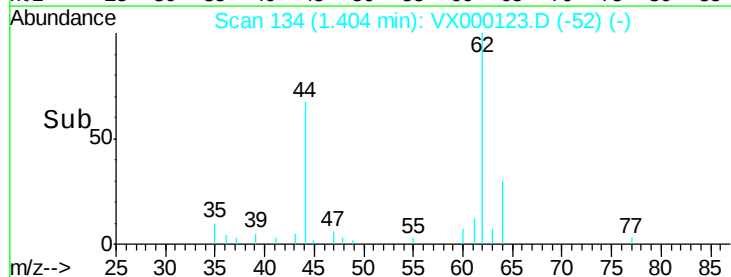
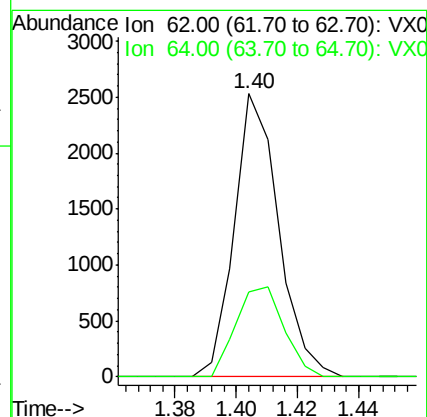
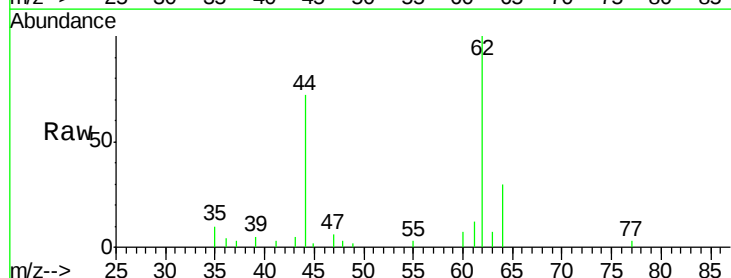
Acq: 21 Feb 2018 18:13

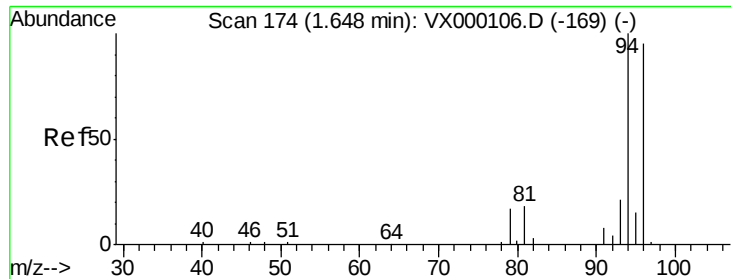
Tgt Ion: 62 Resp: 2534

Ion Ratio Lower Upper

62 100

64 30.1 26.0 39.0





#5

Bromomethane

Concen: 2.15 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 94 Resp: 2221

Ion Ratio Lower Upper

94 100

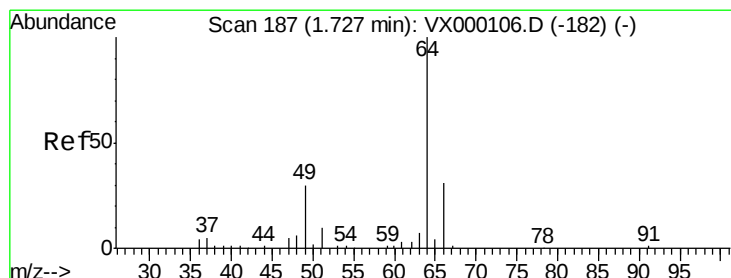
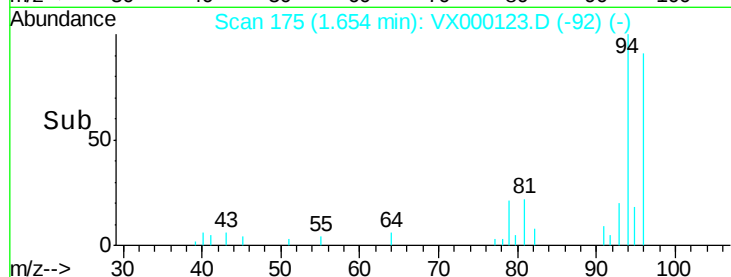
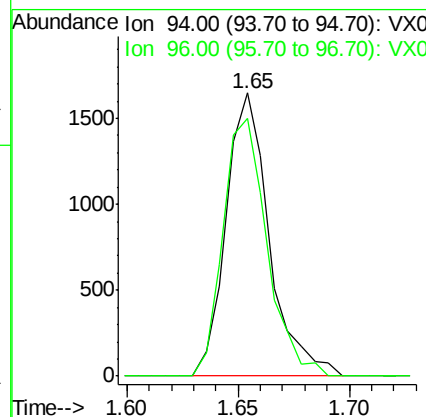
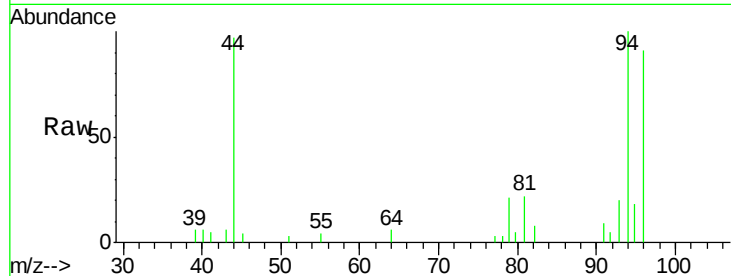
96 91.3 76.2 114.2

Manual Integrations

APPROVED

sam

2/23/2018 5:52:40 PM



#6

Chloroethane

Concen: 2.62 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000123.D

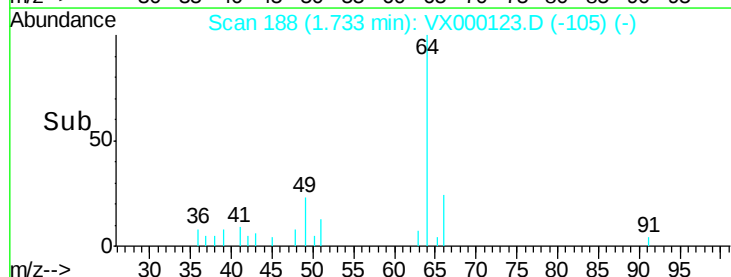
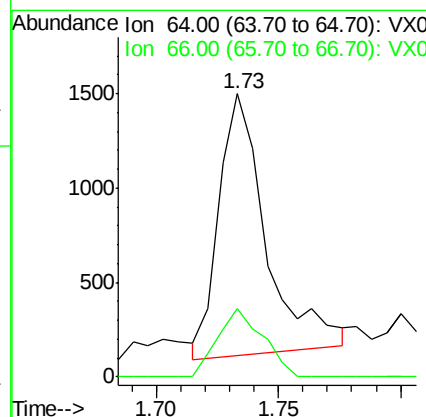
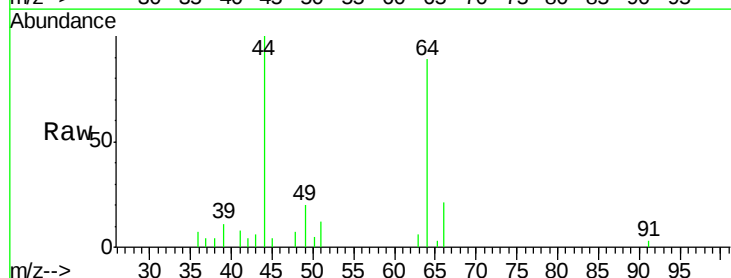
Acq: 21 Feb 2018 18:13

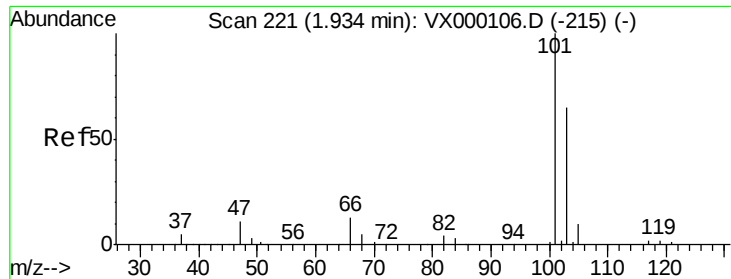
Tgt Ion: 64 Resp: 1875

Ion Ratio Lower Upper

64 100

66 27.4 25.2 37.8





#7

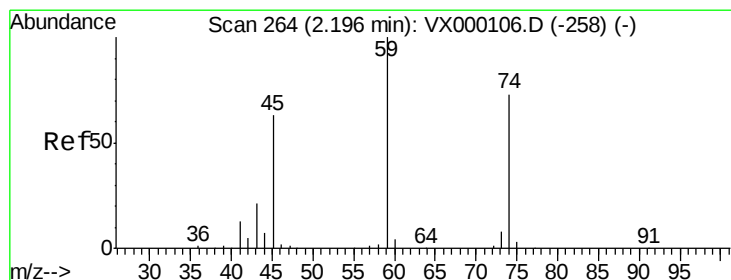
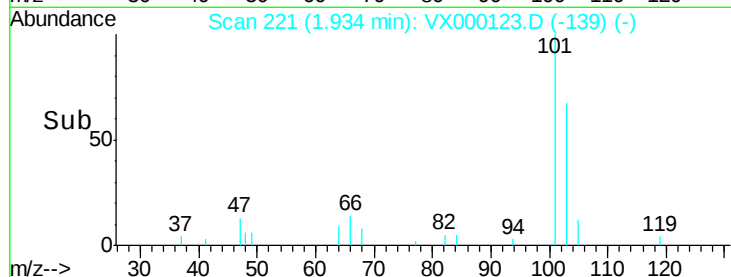
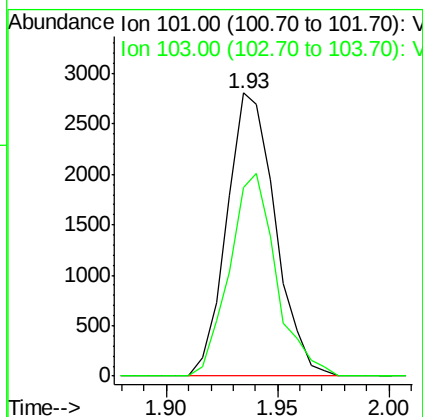
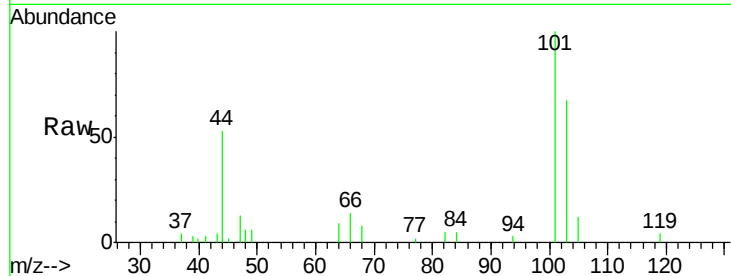
Trichlorofluoromethane
Concen: 2.20 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.2	78.4

Manual Integrations
APPROVED

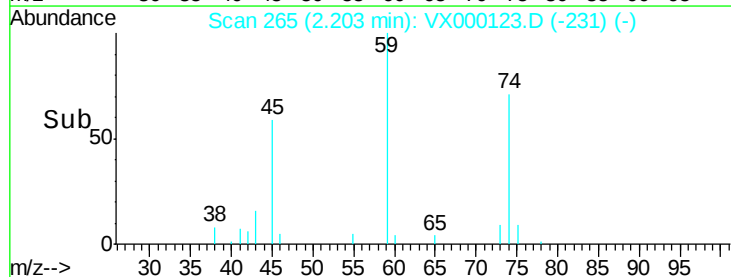
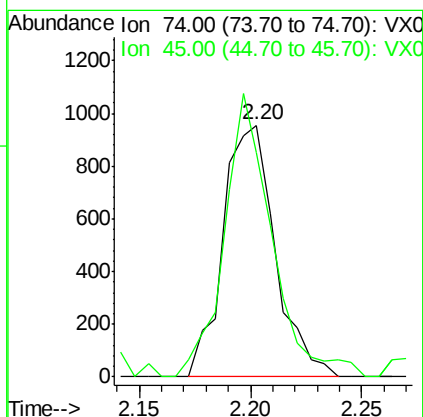
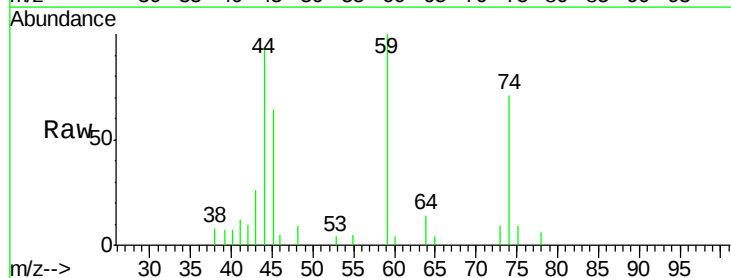
sam
2/23/2018 5:52:40 PM

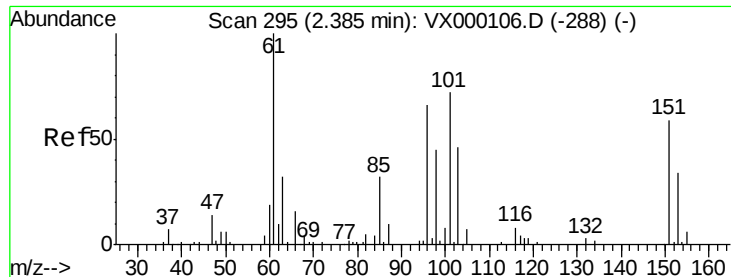


#8

Diethyl Ether
Concen: 2.29 ug/l
RT: 2.20 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	17.8	159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.22 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

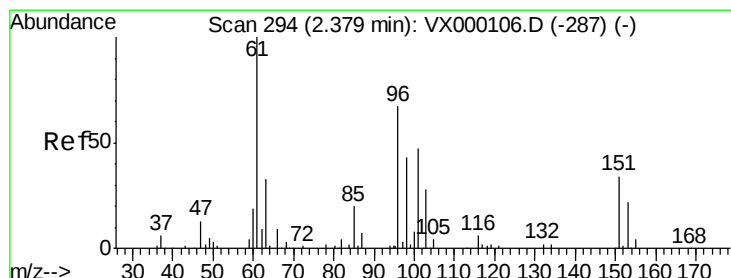
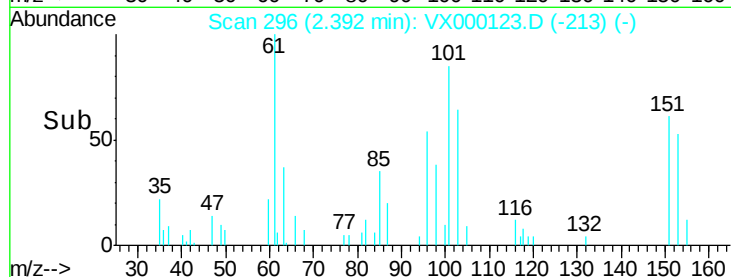
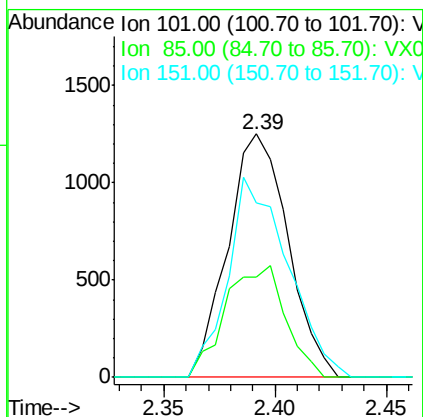
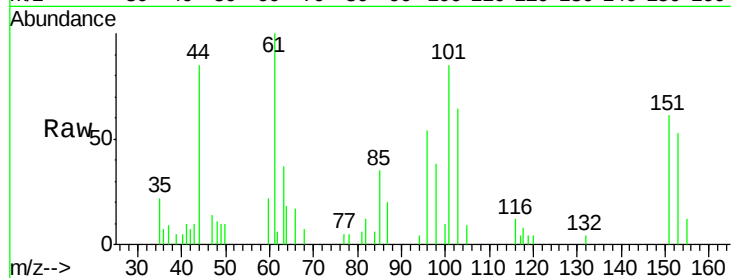
ClientSampleId :

MDL04 2.00PPB

Tot Ion:	101	Resp:	2355
Ion Ratio	Lower	Upper	
101	100		
85	45.5	0.0	90.4
151	82.0	0.0	167.6

Manual Integrations
APPROVED

sam
2/23/2018 5:52:40 PM



#10

1,1-Dichloroethene

Concen: 2.20 ug/l

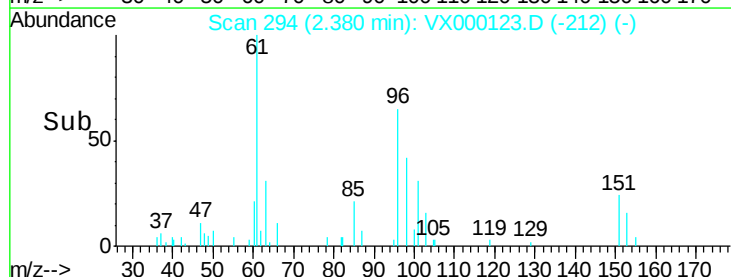
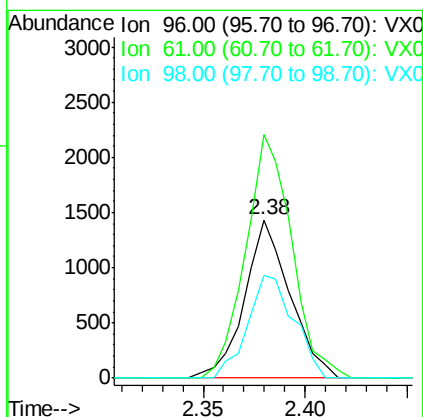
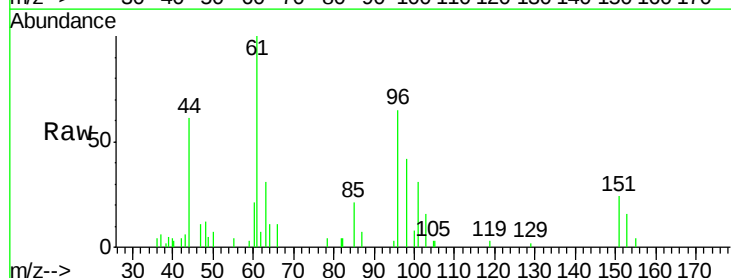
RT: 2.38 min Scan# 294

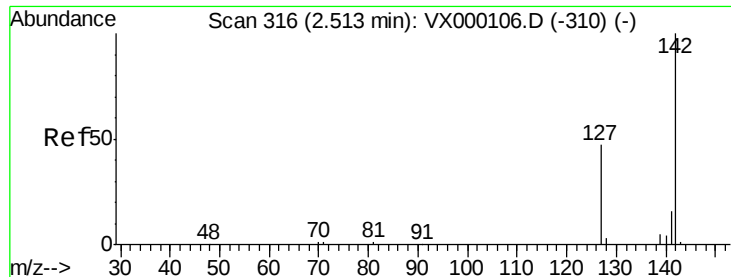
Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Tgt Ion:	96	Resp:	2225
Ion Ratio	Lower	Upper	
96	100		
61	153.9	118.6	178.0
98	65.2	51.0	76.6





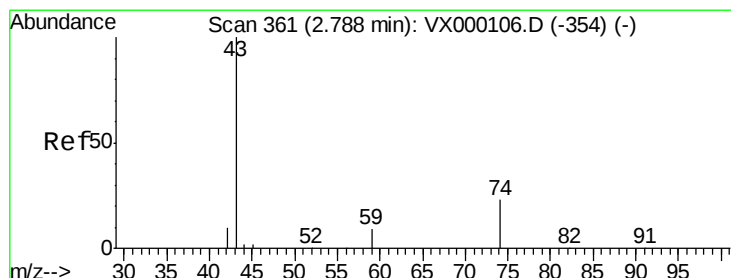
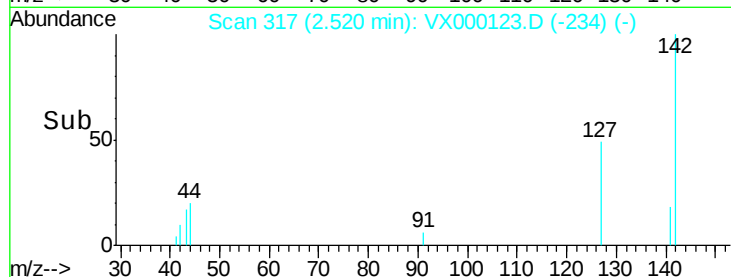
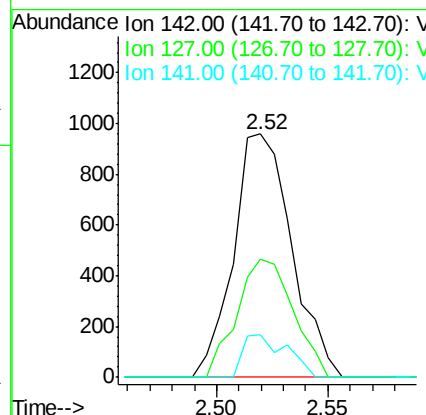
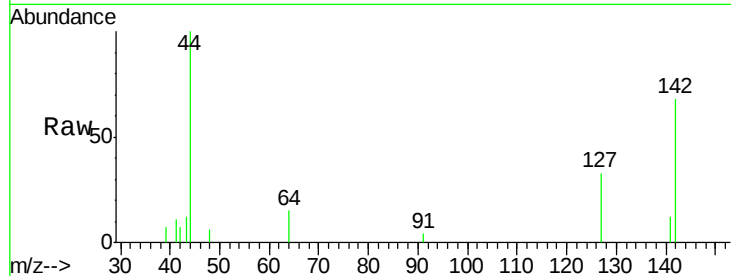
#11
Methyl Iodide
Concen: 1.78 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.7	23.8	71.5
141	17.7	8.2	24.4

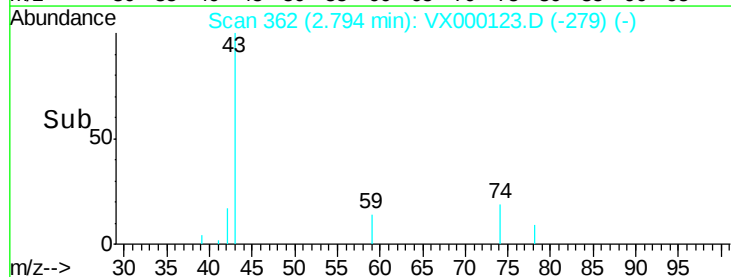
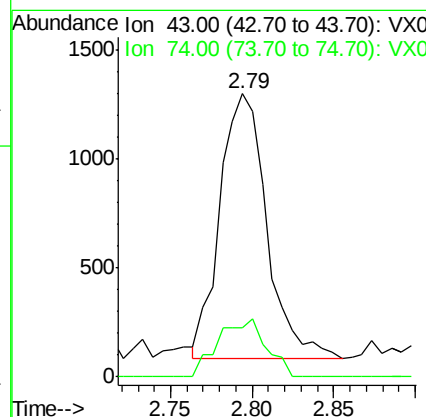
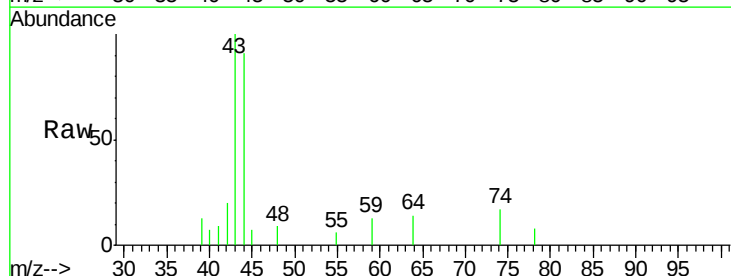
Manual Integrations
APPROVED

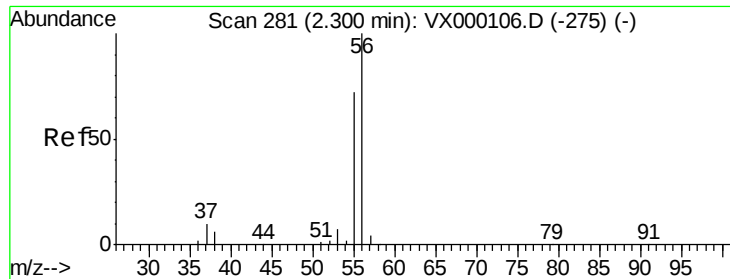
sam
2/23/2018 5:52:40 PM



#12
Methyl Acetate
Concen: 1.35 ug/l
RT: 2.79 min Scan# 362
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.1	18.6	27.8





#13

Acrolein

Concen: 7.29 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 56 Resp: 1585

Ion Ratio Lower Upper

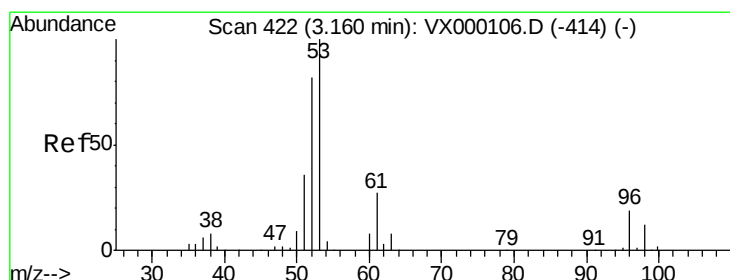
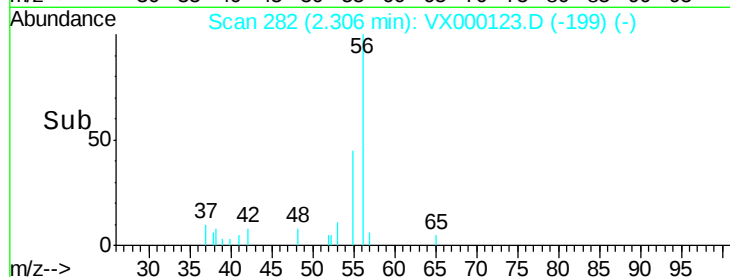
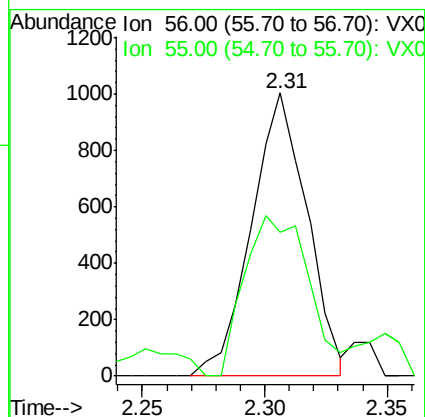
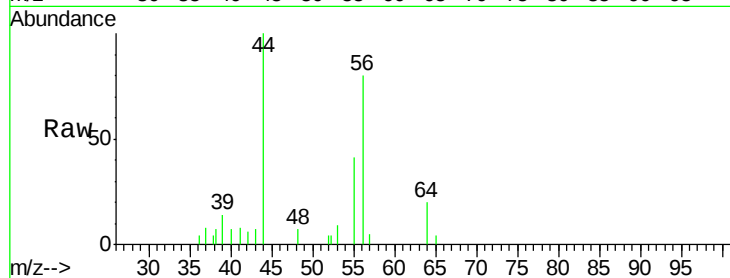
56 100

55 65.5 57.3 85.9

Manual Integrations
APPROVED

sam

2/23/2018 5:52:40 PM



#14

Acrylonitrile

Concen: 3.92 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

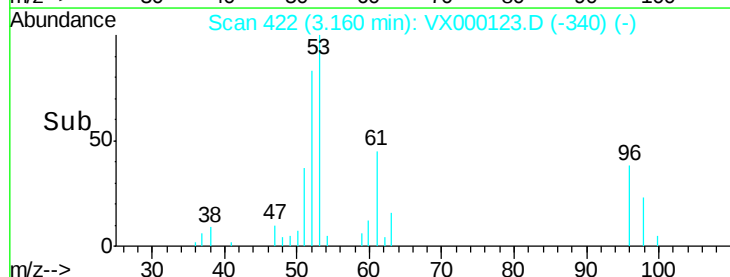
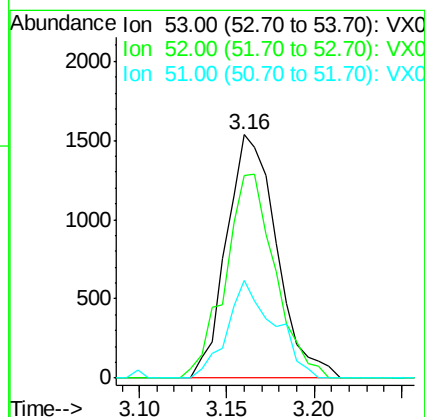
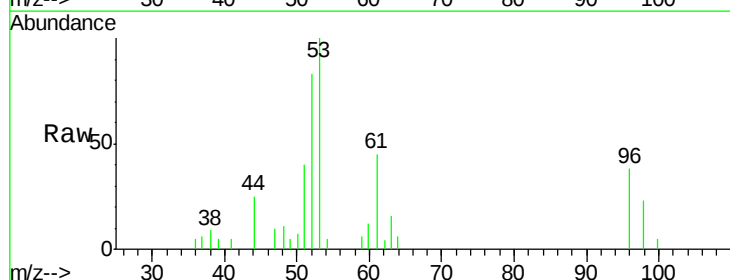
Tgt Ion: 53 Resp: 3067

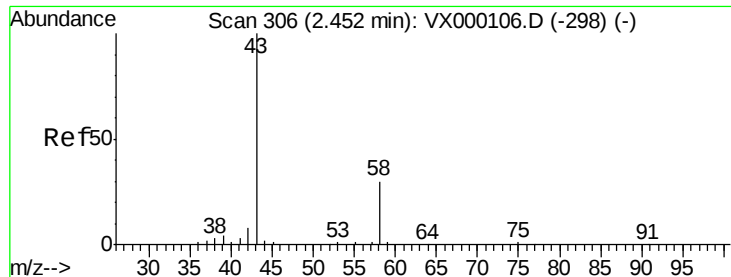
Ion Ratio Lower Upper

53 100

52 83.2 41.9 125.8

51 31.8 18.8 56.3





#15

Acetone

Concen: 4.61 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Tot Ion: 58 Resp: 1176

Ion Ratio Lower Upper

58 100

43 314.6 264.6 396.8

Instrument :

ClientSampled :

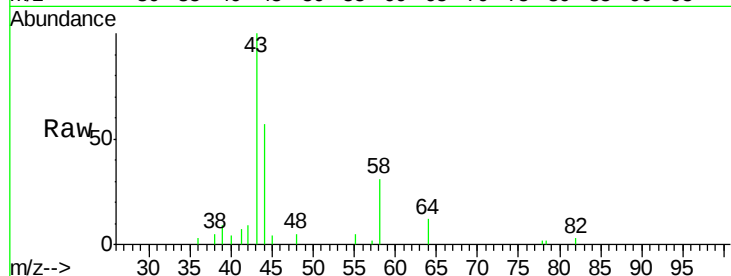
MDL04 2.00PPB

Manual Integrations

APPROVED

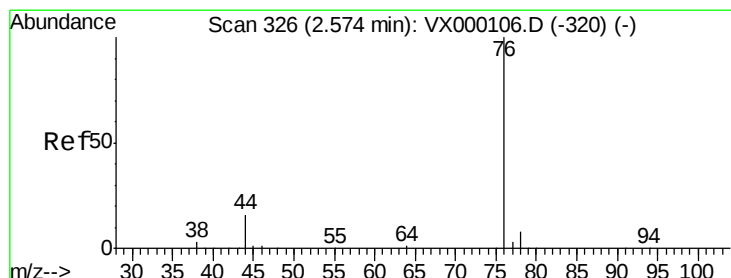
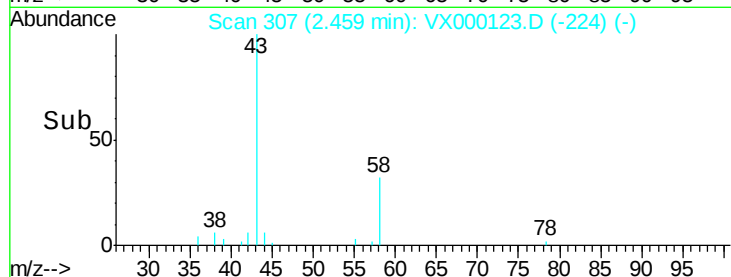
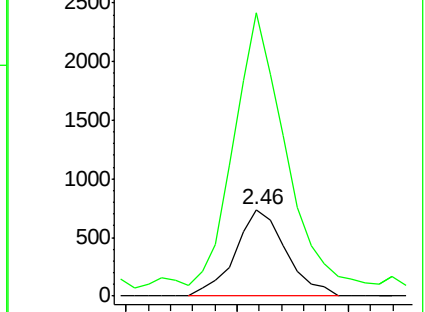
sam

2/23/2018 5:52:40 PM



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 2.12 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000123.D

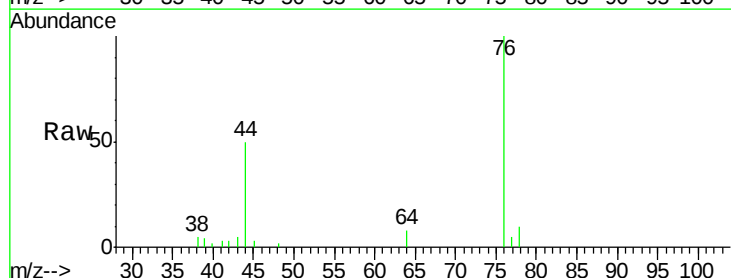
Acq: 21 Feb 2018 18:13

Tgt Ion: 76 Resp: 6131

Ion Ratio Lower Upper

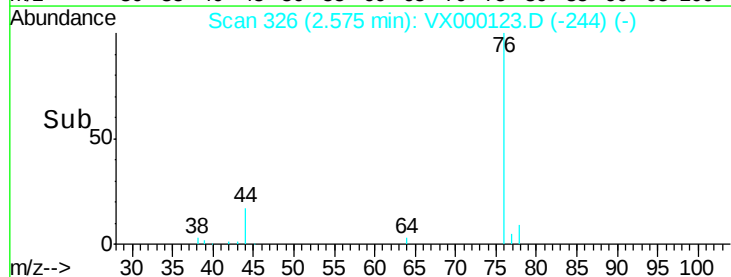
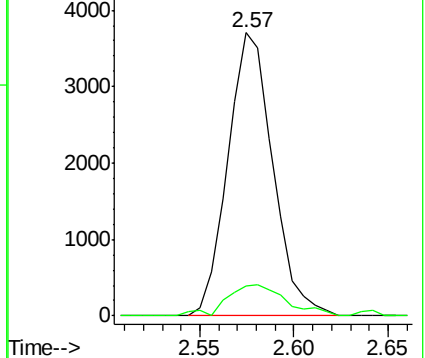
76 100

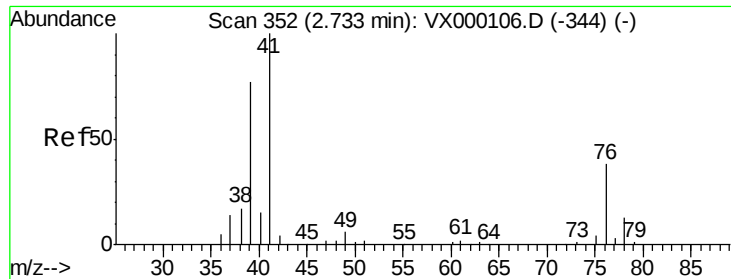
78 10.4 6.8 10.2#



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





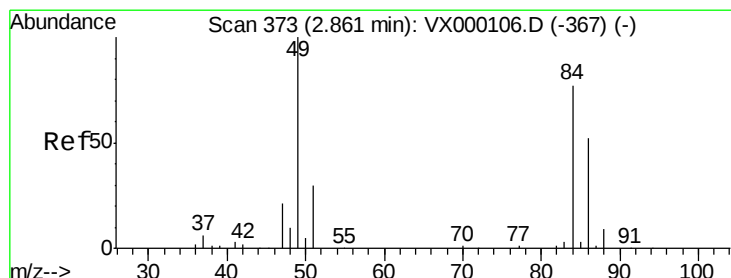
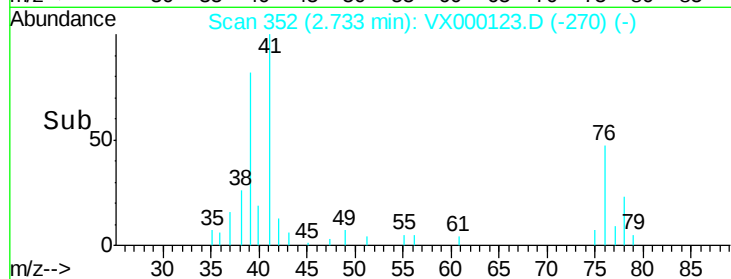
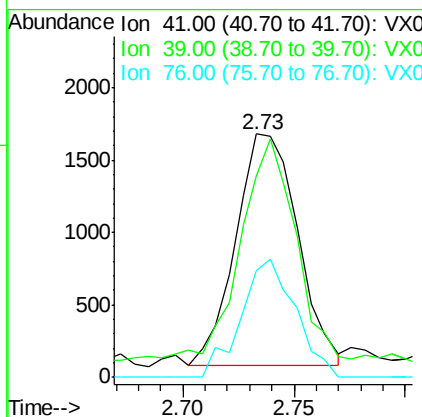
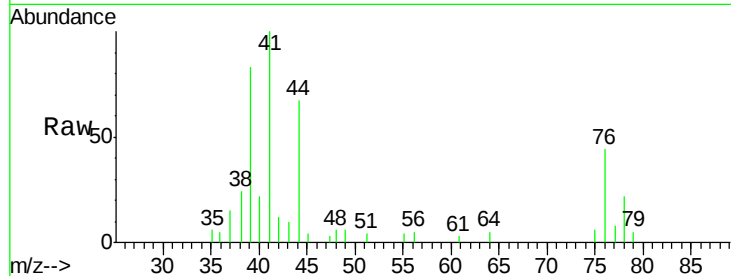
#17
Allvl chloride
Concen: 1.80 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.7	38.5	115.5
76	46.0	18.7	56.1

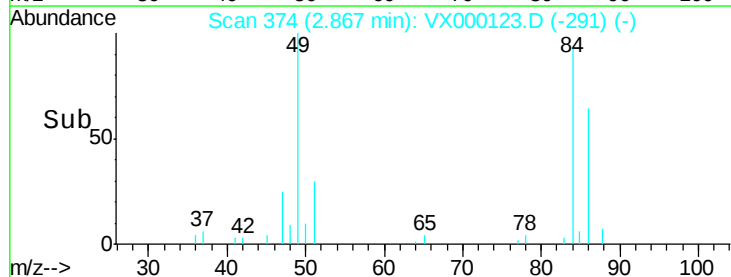
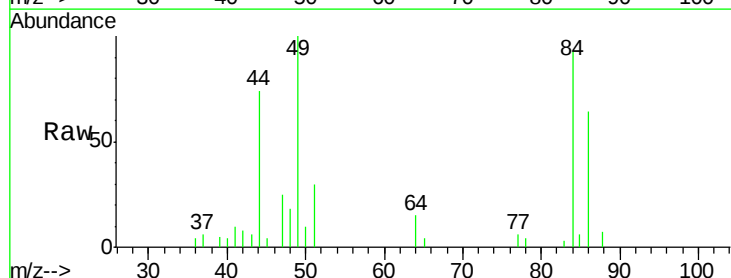
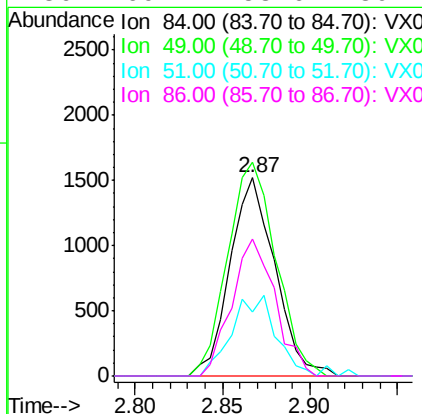
Manual Integrations
APPROVED

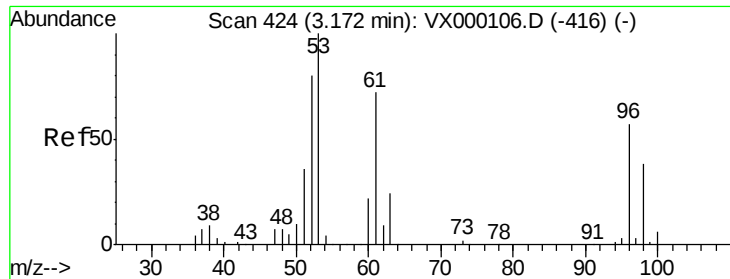
sam
2/23/2018 5:52:40 PM



#18
Methylene Chloride
Concen: 2.47 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.7	103.3	154.9
51	32.4	31.2	46.8
86	69.1	53.6	80.4





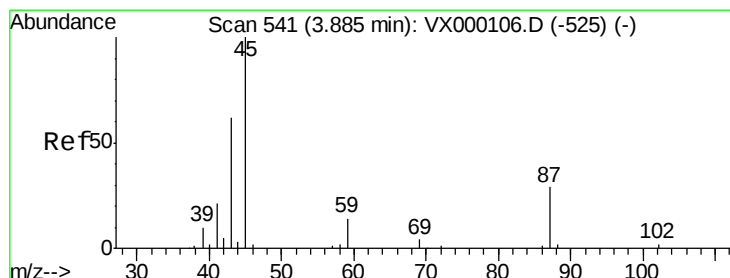
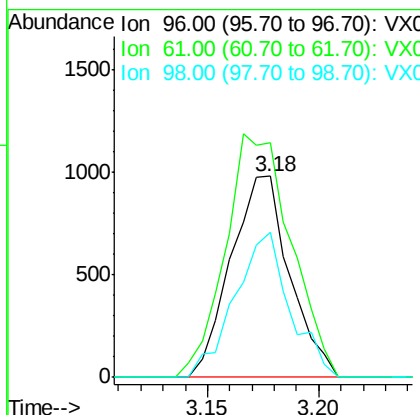
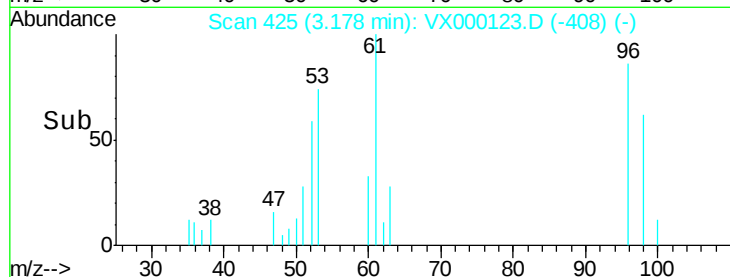
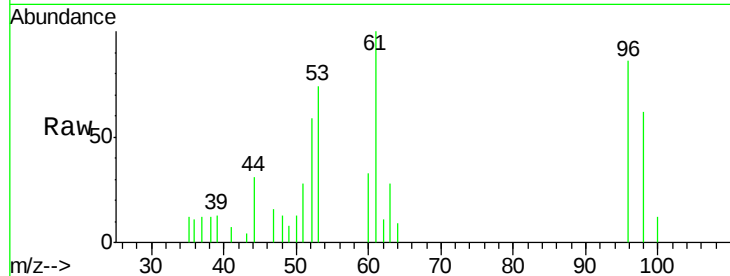
#19
trans-1,2-Dichloroethene
Concen: 1.64 ug/l
RT: 3.18 min Scan# 425
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampleId :
MDL04 2.00PPB

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	116.7	101.0	151.6	
98	72.1	53.3	79.9	

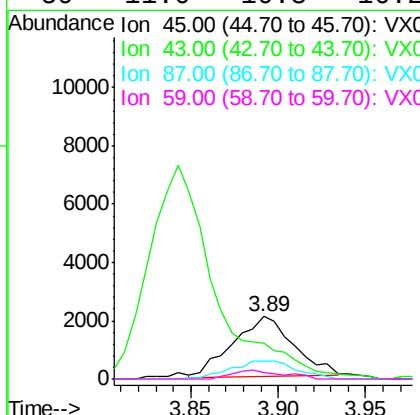
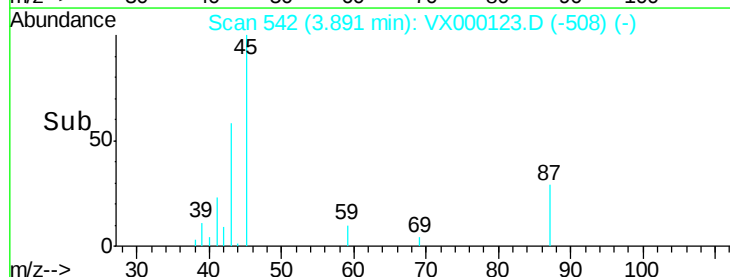
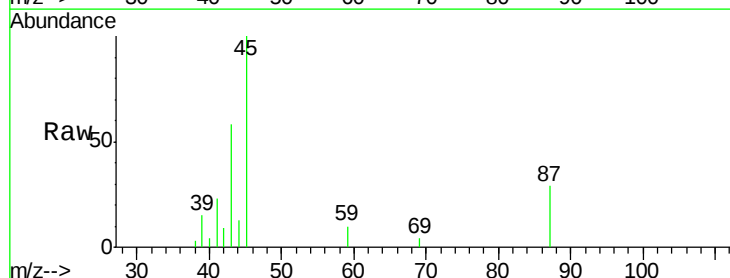
Manual Integrations
APPROVED

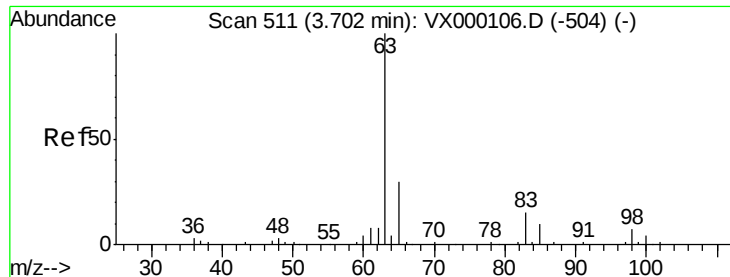
sam
2/23/2018 5:52:40 PM



#20
Diisopropyl ether
Concen: 1.83 ug/l
RT: 3.89 min Scan# 542
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	54.1	49.6	74.4	
87	31.4	23.1	34.7	
59	11.0	10.8	16.2	





#21

1,1-Dichloroethane

Concen: 1.83 ug/l m

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

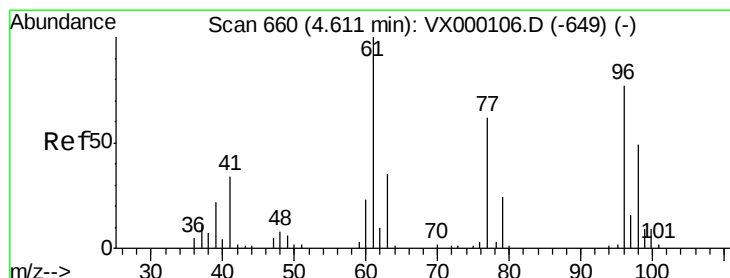
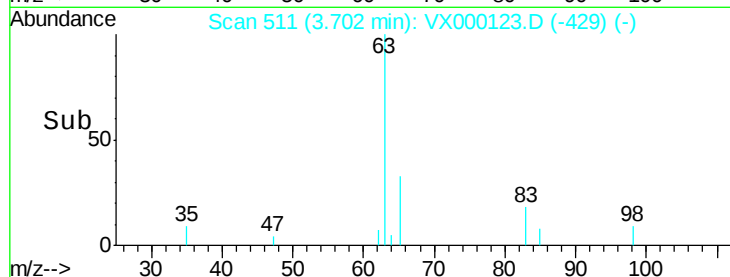
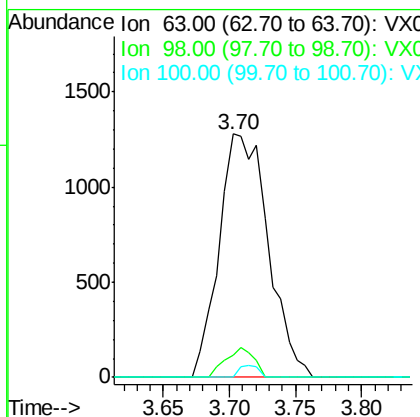
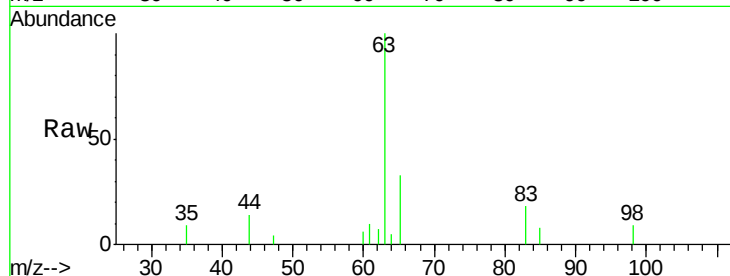
ClientSampled :

MDL04 2.00PPB

Tot Ion:	63	Resp:	3281
Ion	Ratio	Lower	Upper
63	100		
98	9.1	3.3	9.9
100	0.0	2.1	6.5#

Manual Integrations
APPROVED

sam
2/23/2018 5:52:40 PM



#22

cis-1,2-Dichloroethene

Concen: 2.05 ug/l

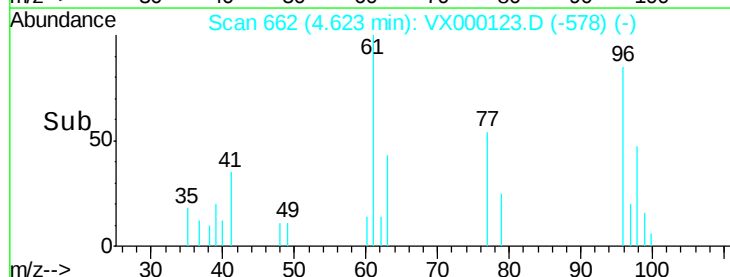
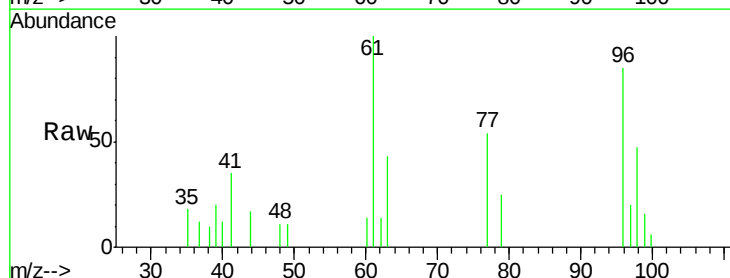
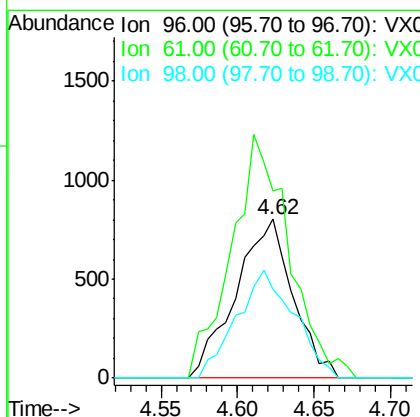
RT: 4.62 min Scan# 662

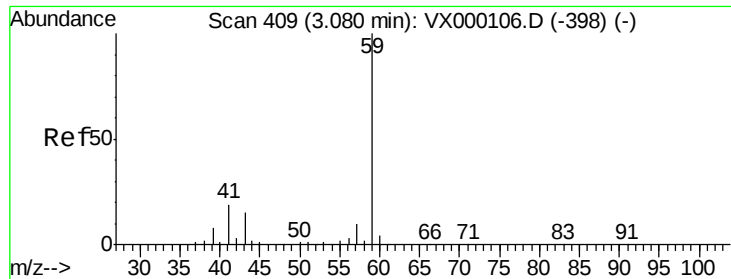
Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Tgt Ion:	96	Resp:	2098
Ion	Ratio	Lower	Upper
96	100		
61	150.7	113.5	170.3
98	67.6	51.8	77.8





#23

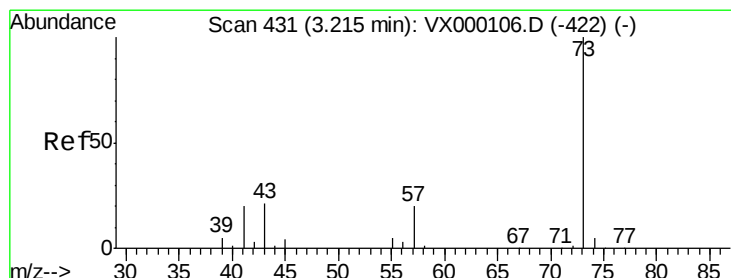
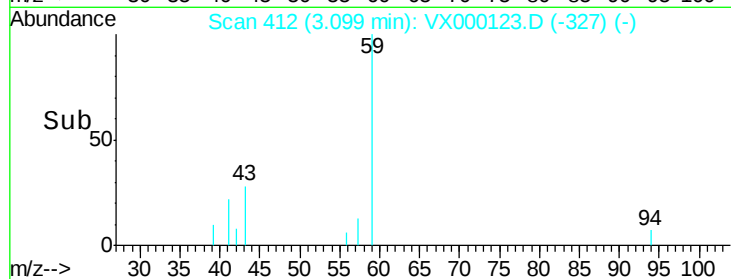
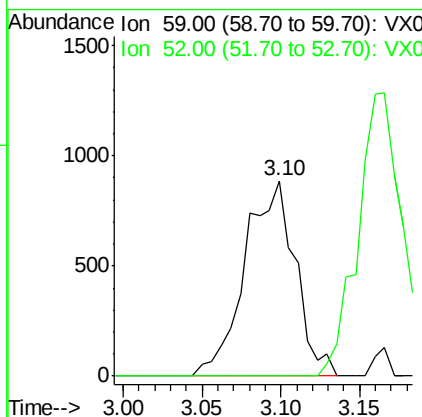
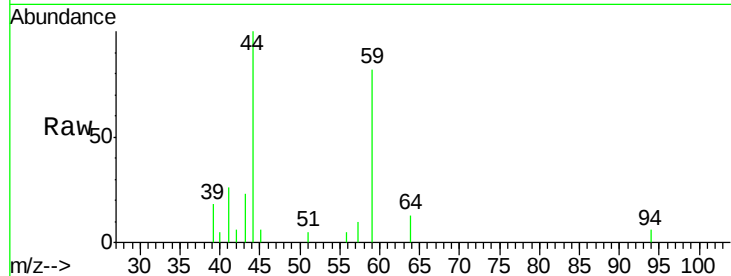
tert-Butyl Alcohol
Concen: 4.40 ug/l m
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion: 59 Resp: 1968
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Manual Integrations
APPROVED

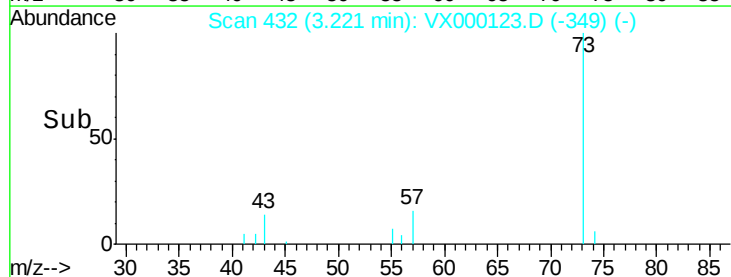
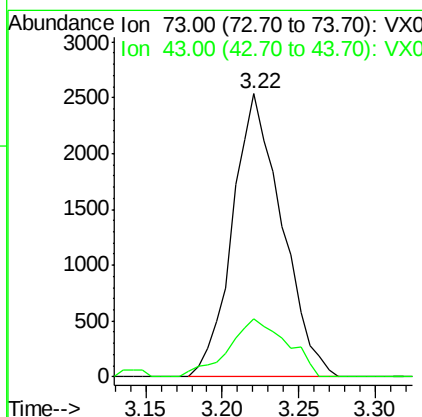
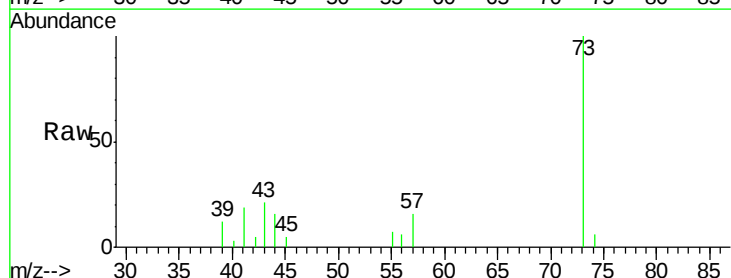
sam
2/23/2018 5:52:40 PM

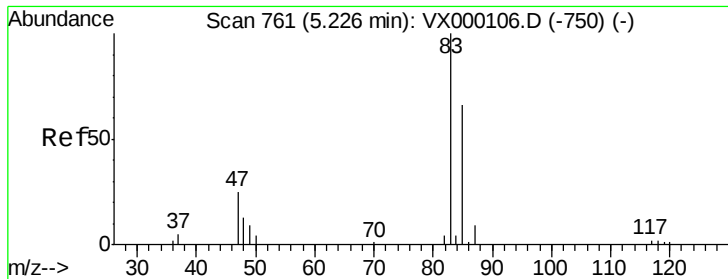


#24

Methyl tert-Butyl Ether
Concen: 1.63 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion: 73 Resp: 5674
Ion Ratio Lower Upper
73 100
43 24.3 16.5 24.7





#25

Chloroform

Concen: 2.03 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 83 Resp: 3606

Ion Ratio Lower Upper

83 100

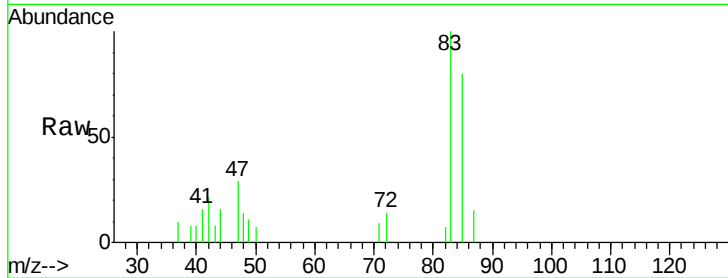
85 79.6 52.5 78.7#

Manual Integrations

APPROVED

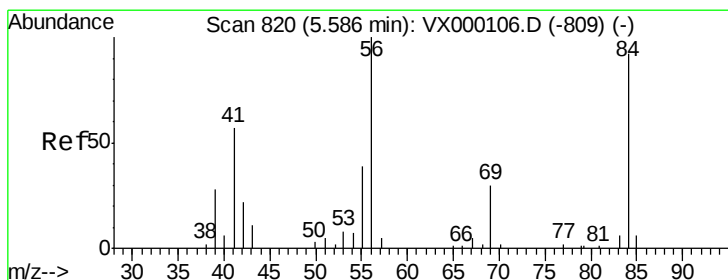
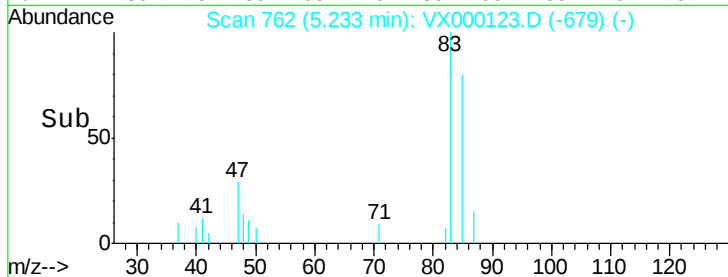
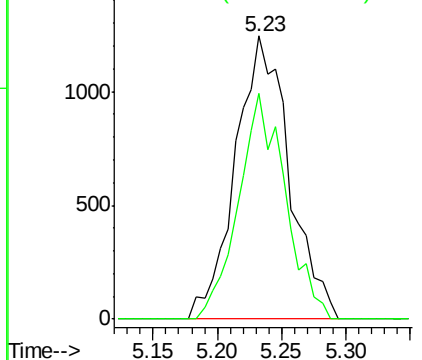
sam

2/23/2018 5:52:40 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 2.09 ug/l

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

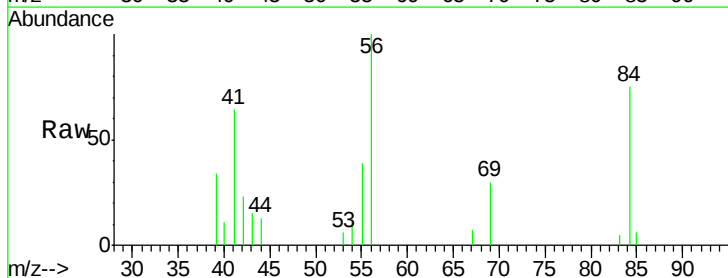
Tgt Ion: 56 Resp: 2944

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

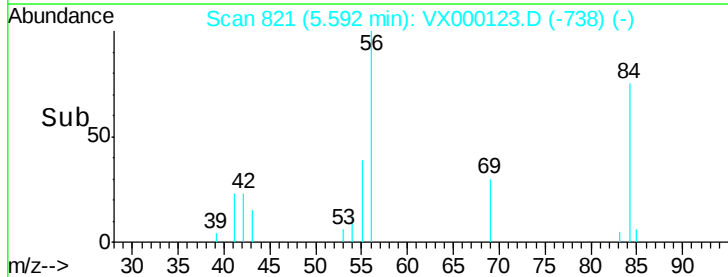
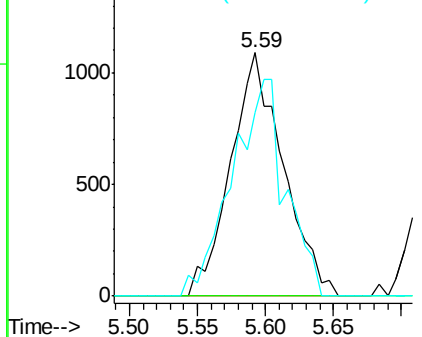
84 75.3 74.8 112.2

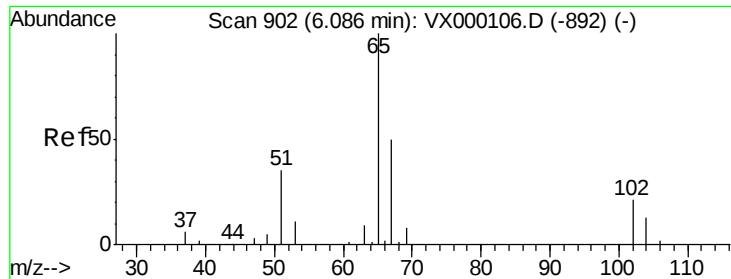


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.42 ug/l

RT: 6.09 min Scan# 902

Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Tot Ion: 65 Resp: 34453

Ion Ratio Lower Upper

65 100

67 51.0 41.4 62.2

Instrument :

ClientSampled :

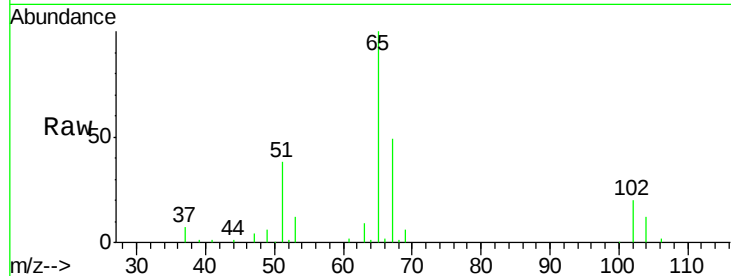
MDL04 2.00PPB

Manual Integrations

APPROVED

sam

2/23/2018 5:52:40 PM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

15000

10000

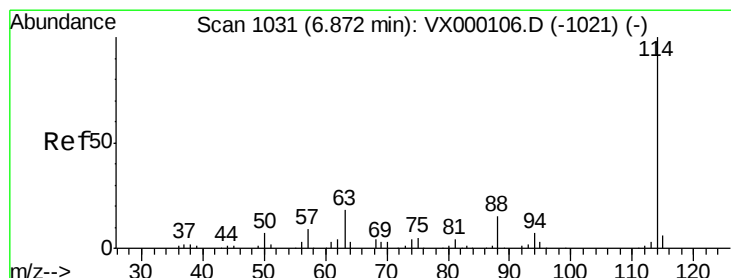
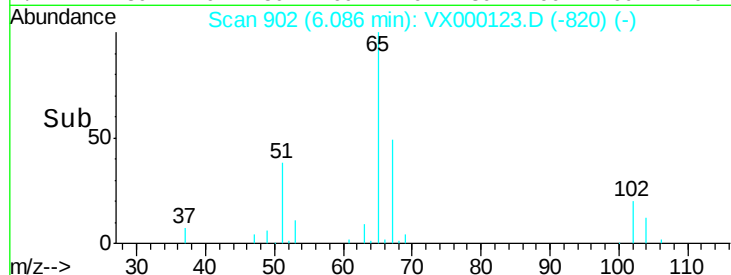
5000

0

6.09

6.00 6.10 6.20

Time-->



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

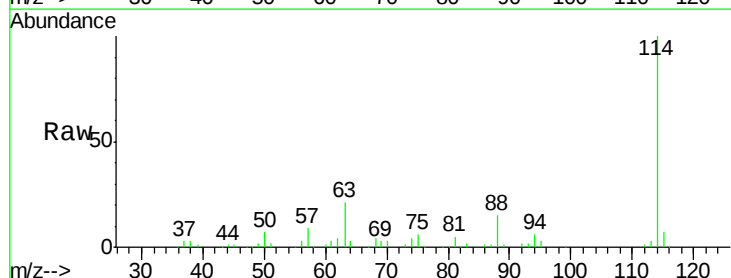
Tgt Ion: 114 Resp: 87364

Ion Ratio Lower Upper

114 100

63 20.2 15.0 22.4

88 15.3 11.8 17.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

50000

40000

30000

20000

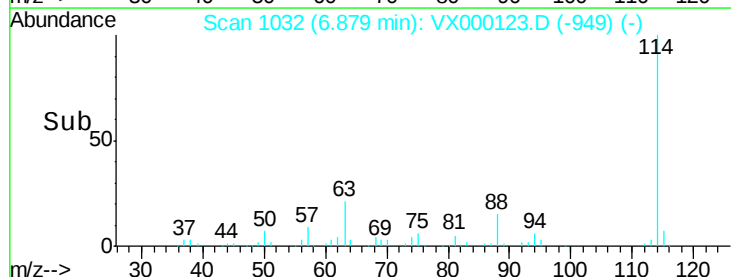
10000

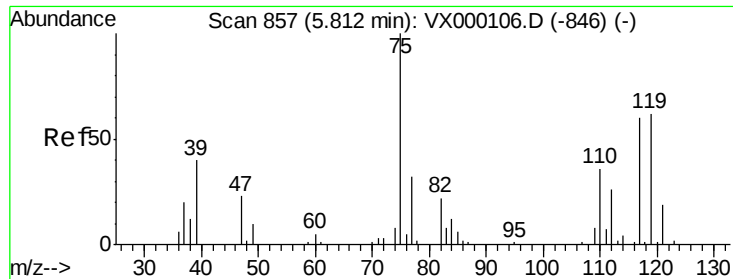
0

6.88

6.80 6.85 6.90 6.95

Time-->





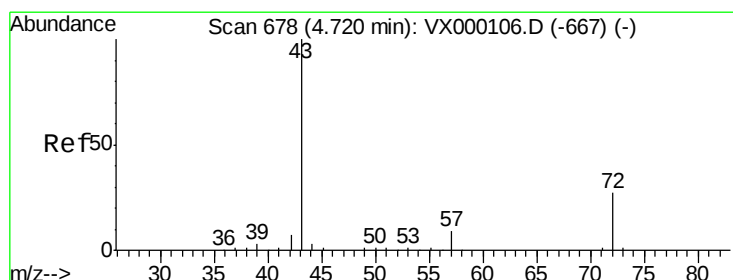
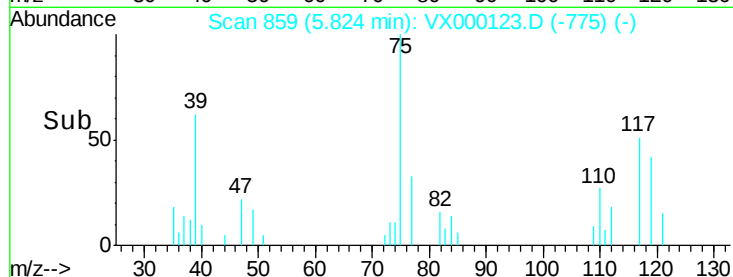
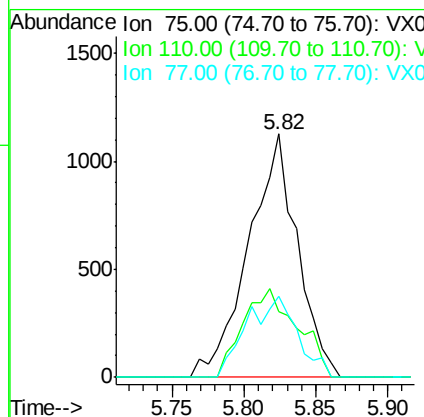
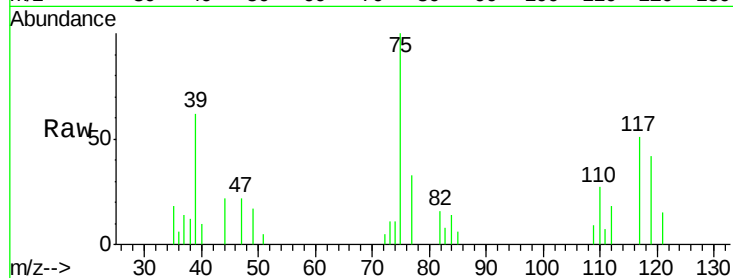
#29
 1,1-Dichloropropene
 Concen: 2.09 ug/l
 RT: 5.82 min Scan# 859
 Delta R.T. 0.01 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	75.6
77	19.2	0.0	62.6

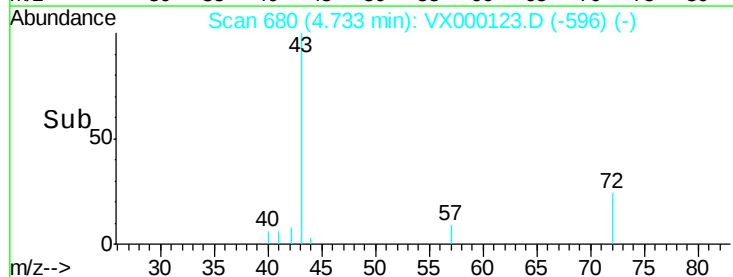
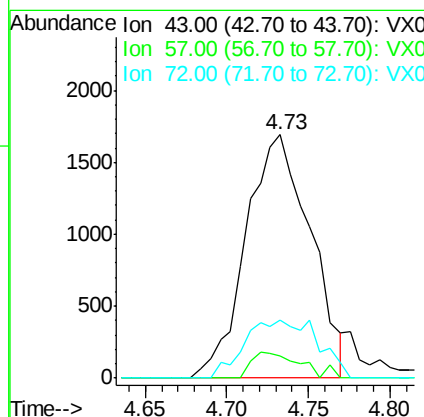
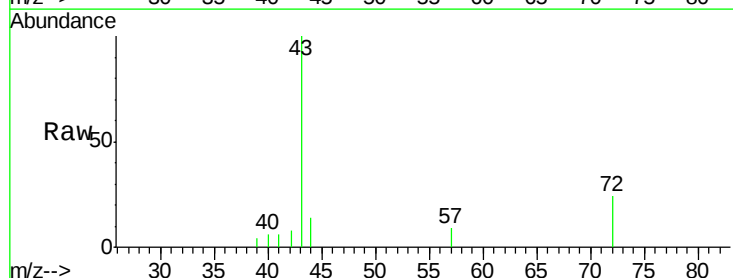
Manual Integrations
 APPROVED

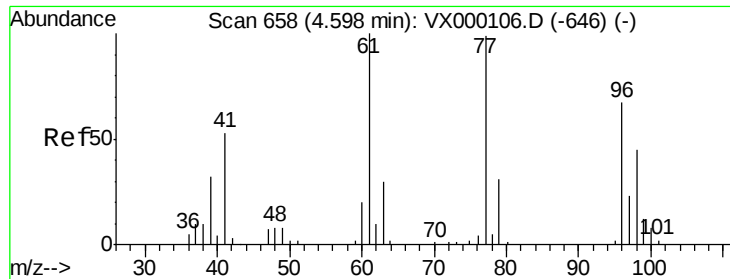
sam
 2/23/2018 5:52:40 PM



#30
 2-Butanone
 Concen: 4.75 ug/l
 RT: 4.73 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
43	100		
57	6.7	6.6	10.0
72	11.5	21.8	32.6#





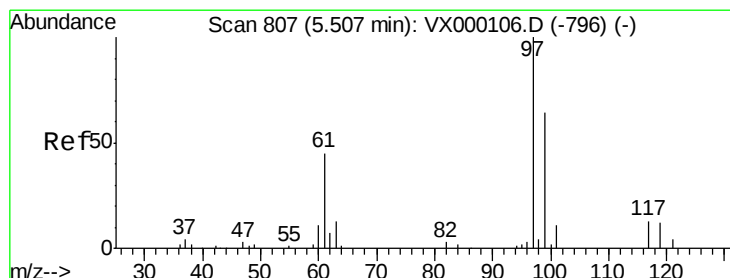
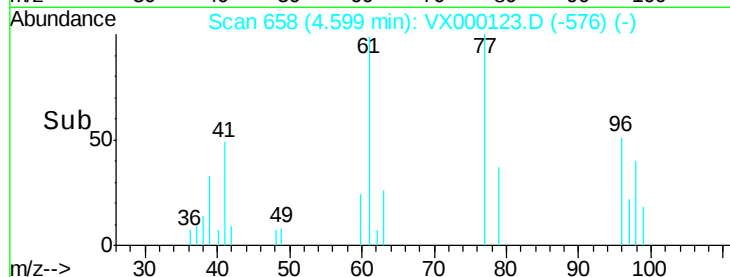
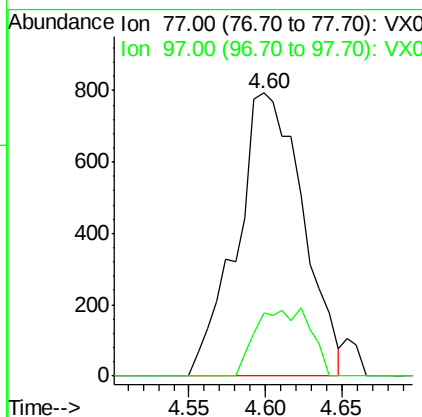
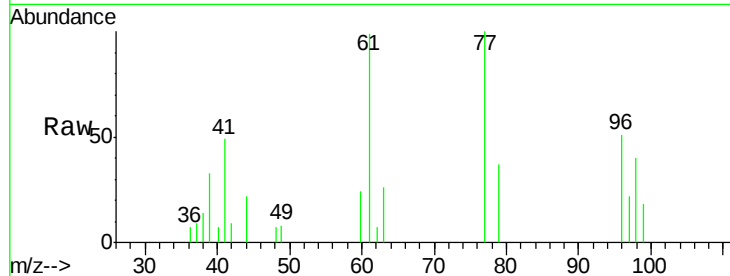
#31
 2,2-Dichloropropane
 Concen: 1.74 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion: 77 Resp: 2381
 Ion Ratio Lower Upper
 77 100
 97 13.4 18.6 27.8#

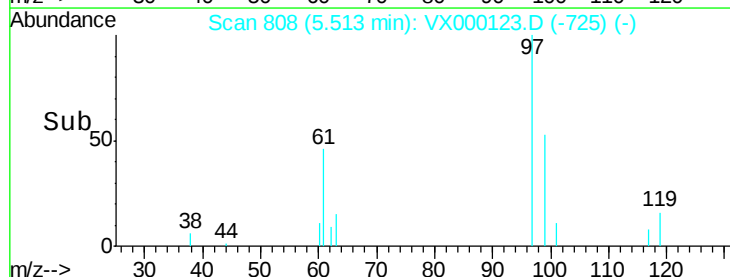
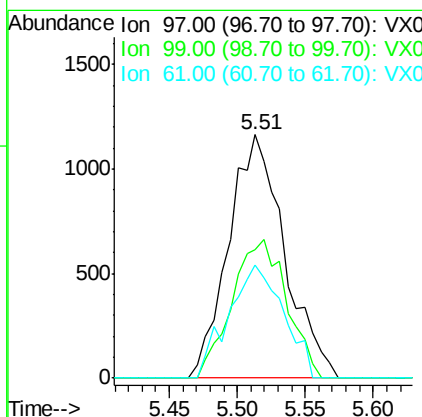
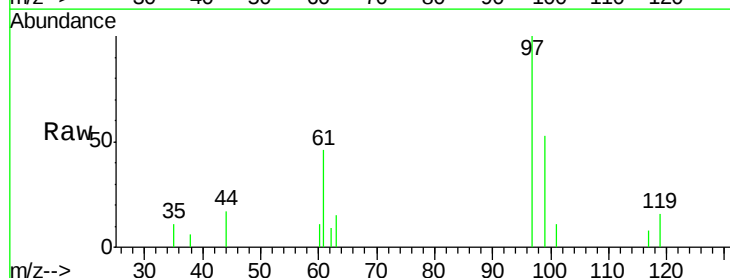
Manual Integrations
 APPROVED

sam
 2/23/2018 5:52:40 PM



#32
 1,1,1-Trichloroethane
 Concen: 2.17 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Tgt Ion: 97 Resp: 3337
 Ion Ratio Lower Upper
 97 100
 99 55.5 52.3 78.5
 61 45.5 34.3 51.5





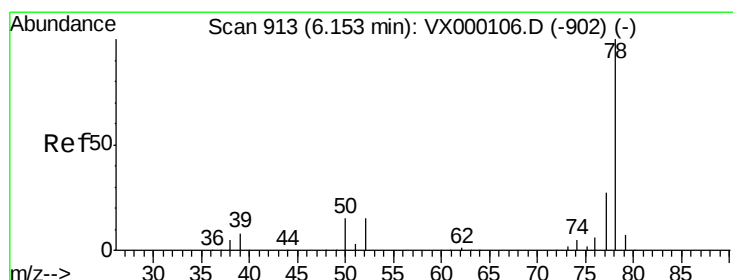
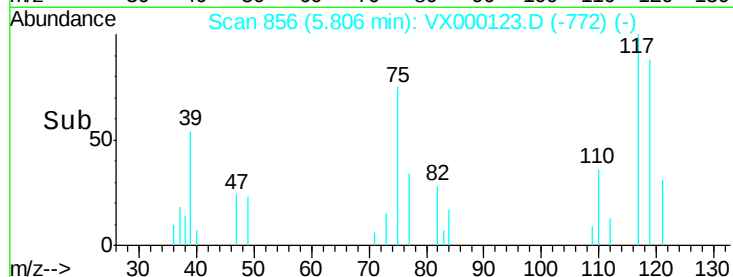
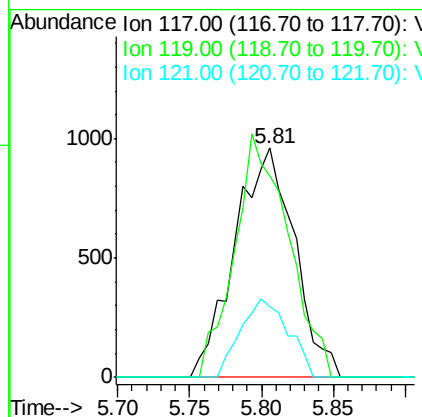
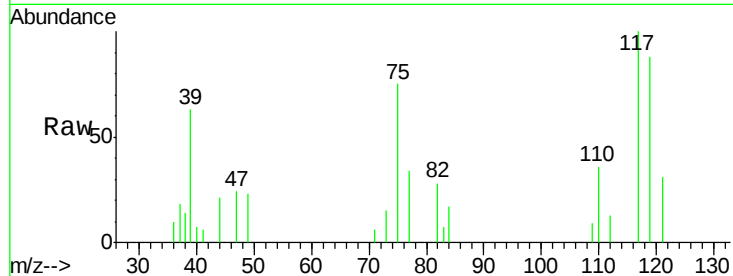
#33
Carbon Tetrachloride
Concen: 2.02 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion:117 Resp: 2767
Ion Ratio Lower Upper
117 100
119 88.1 73.5 110.3
121 30.7 24.6 37.0

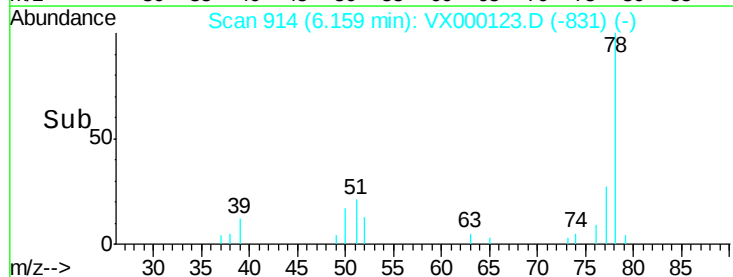
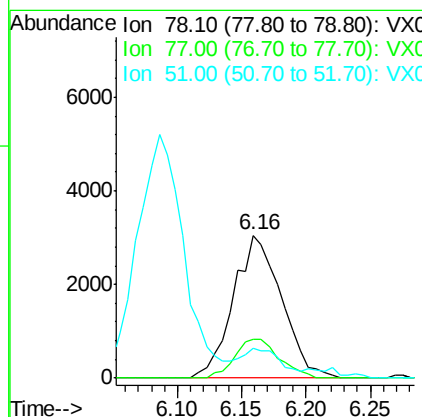
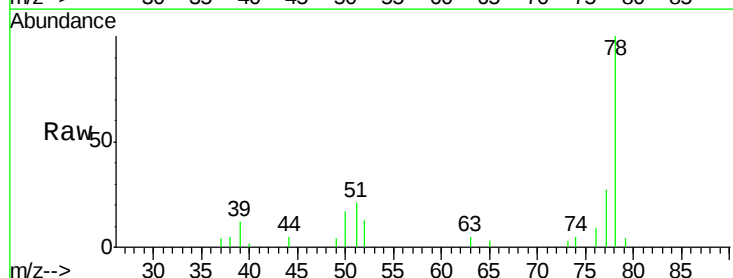
Manual Integrations
APPROVED

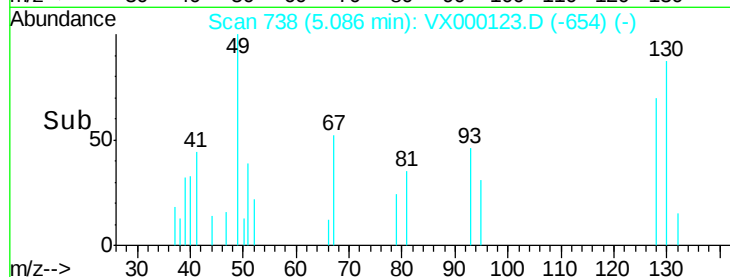
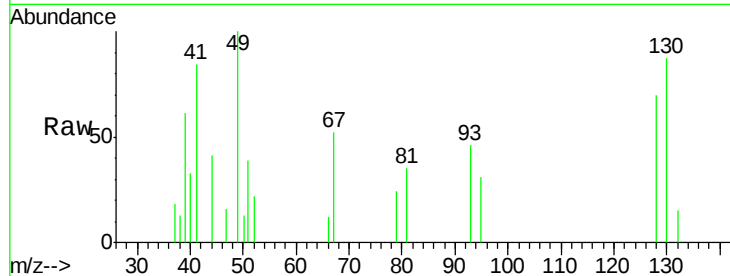
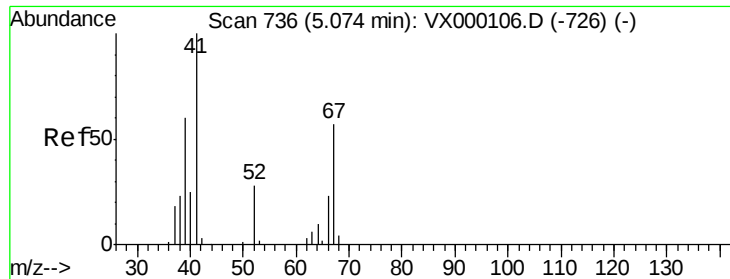
sam
2/23/2018 5:52:40 PM



#34
Benzene
Concen: 2.16 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

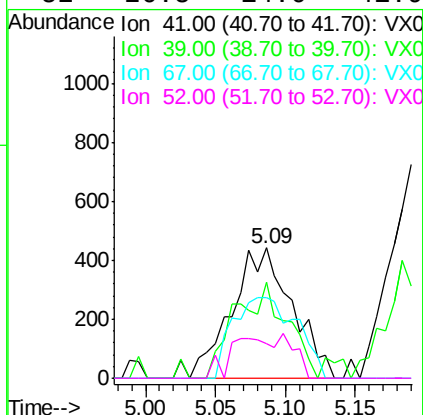
Tgt Ion: 78 Resp: 7921
Ion Ratio Lower Upper
78 100
77 27.4 21.7 32.5
51 18.6 14.9 22.3





#35
Methacrylonitrile
Concen: 1.47 ug/l m
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

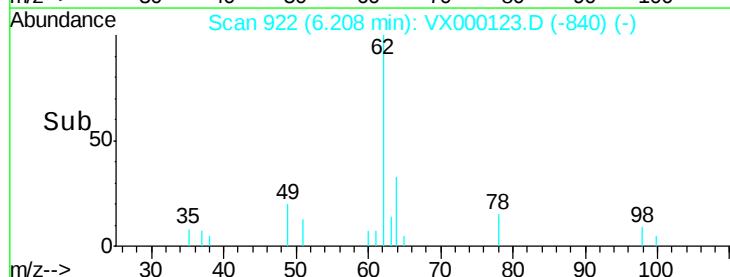
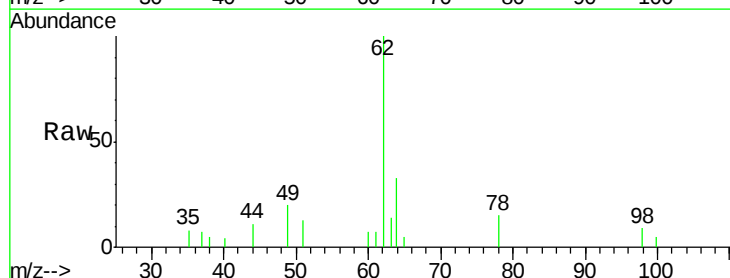
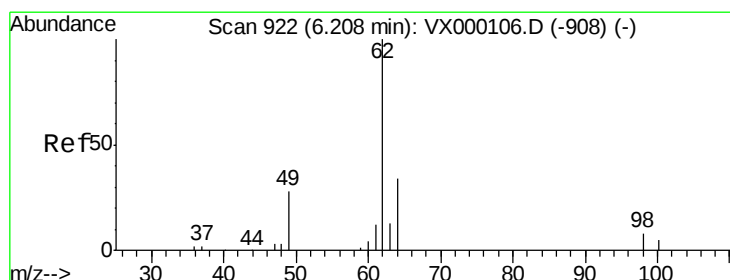
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	73.3	29.8	89.3		
67	61.8	28.7	86.3		
52	26.5	14.0	41.9		



Instrument :
ClientSampled :
MDL04 2.00PPB

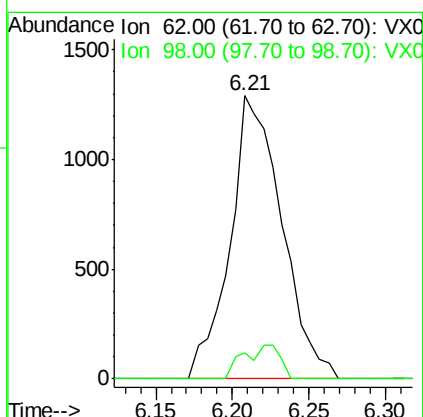
Manual Integrations
APPROVED

sam
2/23/2018 5:52:40 PM



#36
1,2-Dichloroethane
Concen: 2.19 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	3.7	6.9	10.3#		





#37

Trichloroethene

Concen: 2.07 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

ClientSampleId :

MDL04 2.00PPB

Tot Ion:130 Resp: 2239

Ion Ratio Lower Upper

130 100

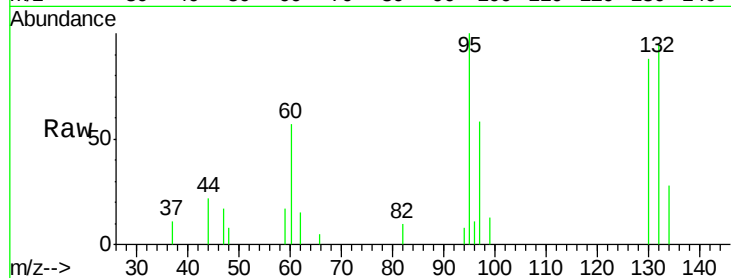
95 113.6 74.6 112.0#

Manual Integrations

APPROVED

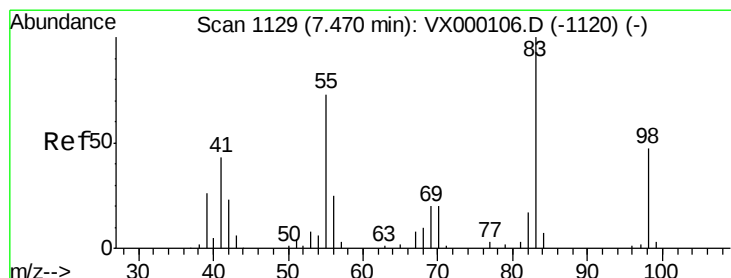
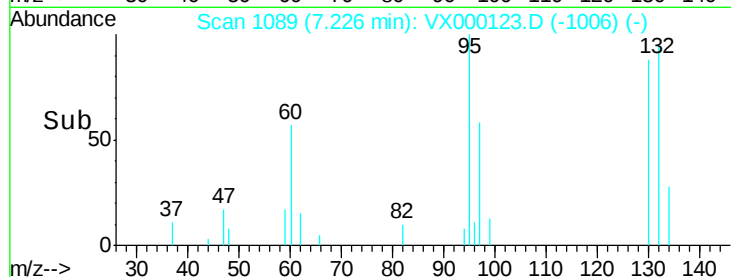
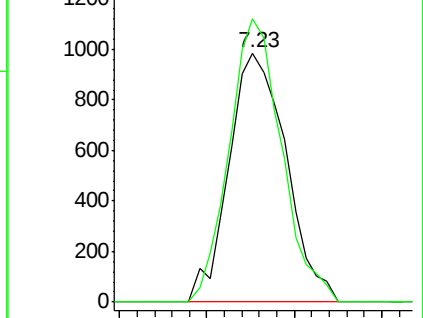
sam

2/23/2018 5:52:40 PM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 2.11 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

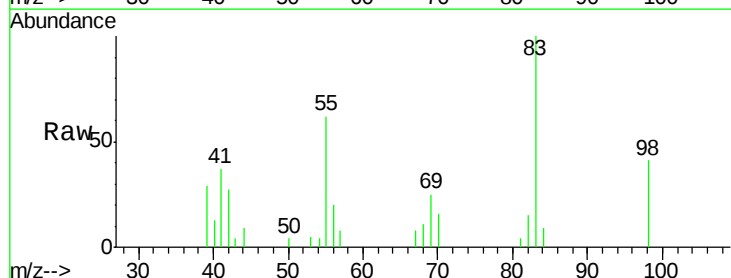
Tgt Ion: 83 Resp: 3212

Ion Ratio Lower Upper

83 100

55 69.7 35.9 107.7

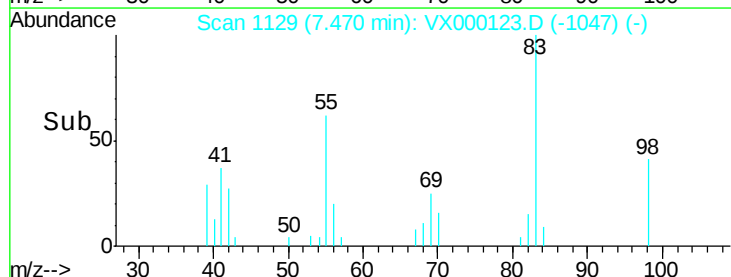
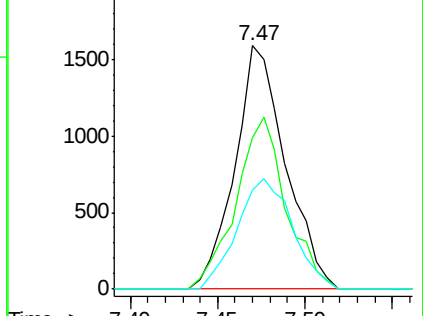
98 49.4 24.6 74.0

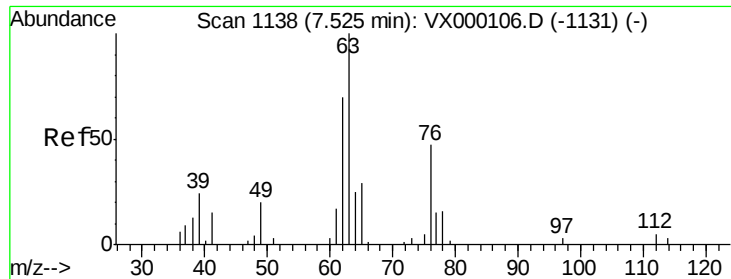


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





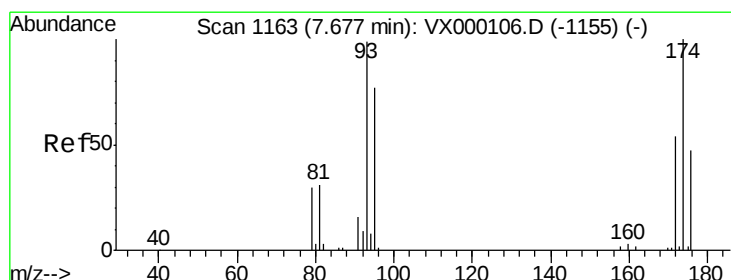
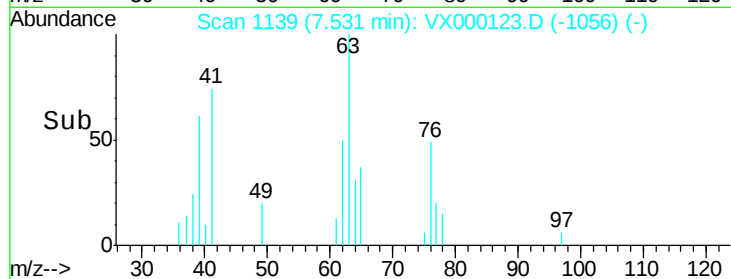
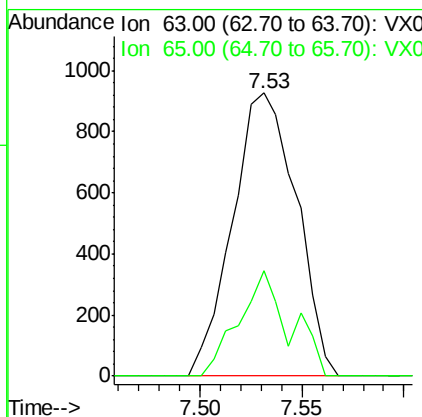
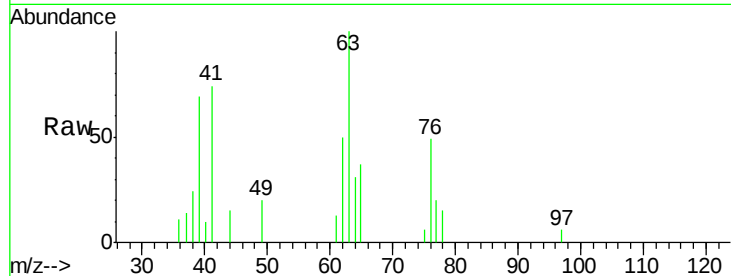
#39
 1,2-Dichloropropane
 Concen: 2.20 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion: 63 Resp: 2015
 Ion Ratio Lower Upper
 63 100
 65 37.1 25.0 37.6

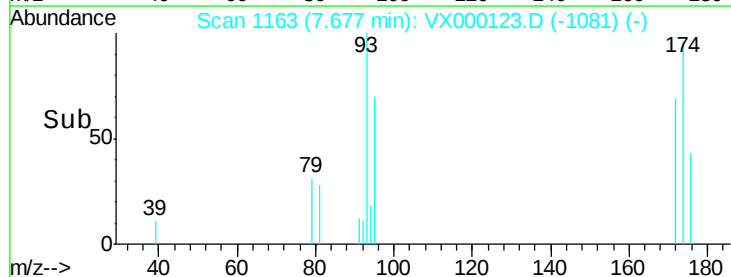
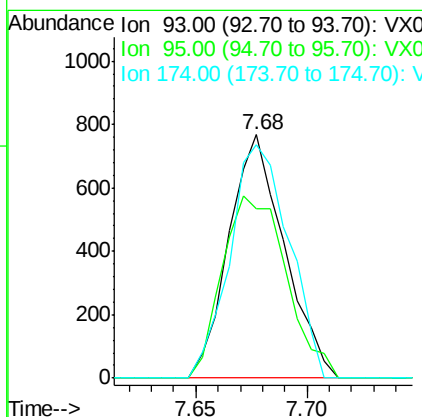
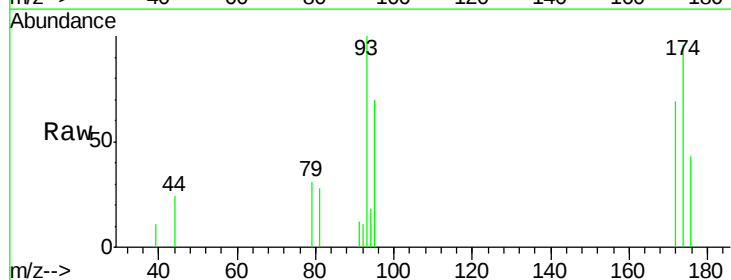
Manual Integrations
 APPROVED

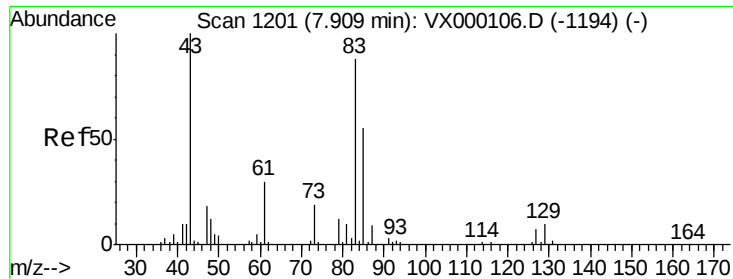
sam
 2/23/2018 5:52:40 PM



#40
 Dibromomethane
 Concen: 1.89 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Tgt Ion: 93 Resp: 1331
 Ion Ratio Lower Upper
 93 100
 95 86.3 0.0 170.6
 174 102.0 0.0 210.4





#41

Bromodichloromethane

Concen: 1.99 ug/l

RT: 7.92 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

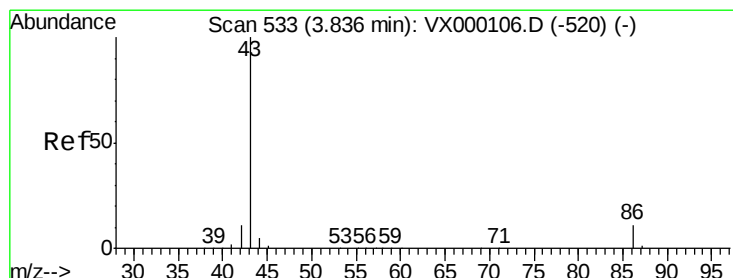
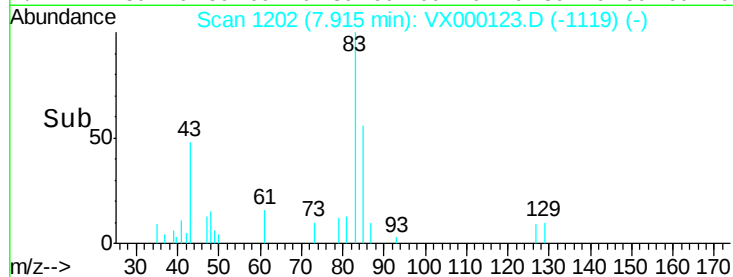
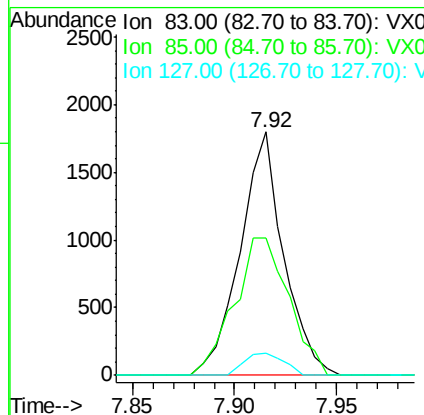
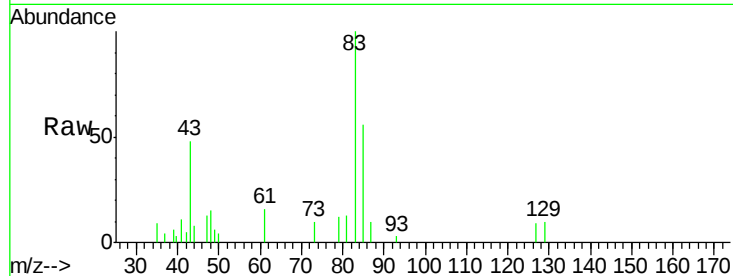
ClientSampled :

MDL04 2.00PPB

Tot Ion:	83	Resp:	2667
Ion	Ratio	Lower	Upper
83	100		
85	56.3	50.0	75.0
127	8.9	6.6	10.0

Manual Integrations
APPROVED

sam
2/23/2018 5:52:40 PM



#42

Vinyl Acetate

Concen: 7.10 ug/l

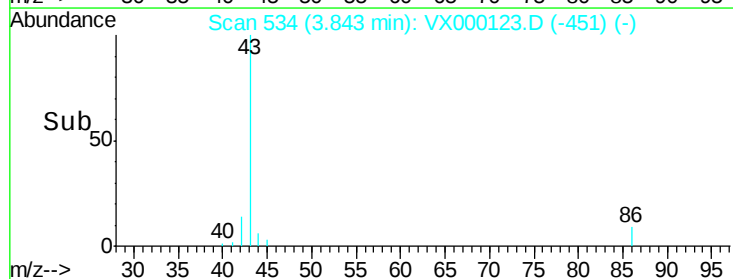
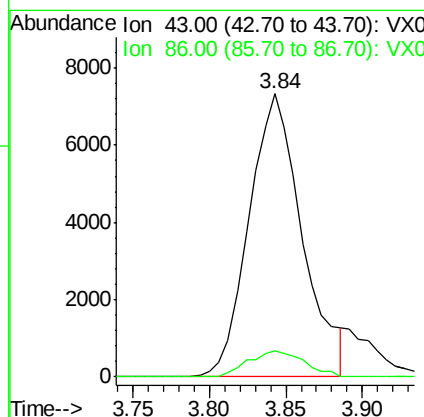
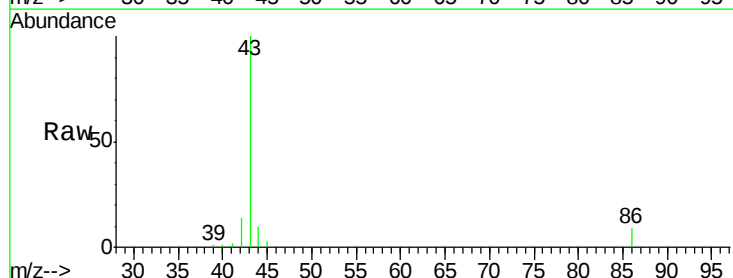
RT: 3.84 min Scan# 534

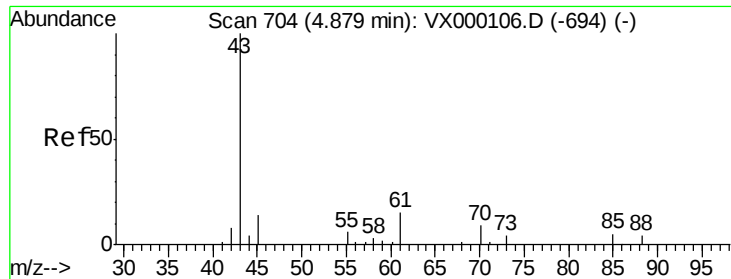
Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Tgt Ion:	43	Resp:	17713
Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.8	11.6





#43

Ethyl Acetate

Concen: 1.26 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Tot Ion: 43 Resp: 2162

Ion Ratio Lower Upper

43 100

45 10.3 11.4 17.0#

Instrument :

ClientSampled :

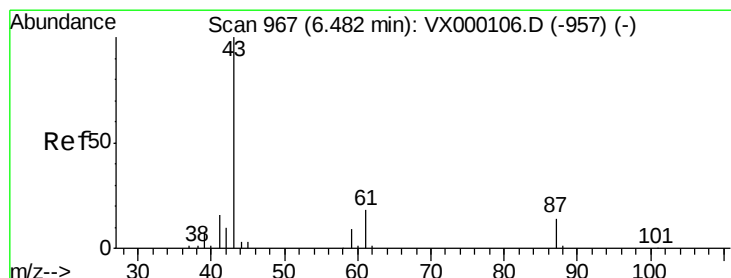
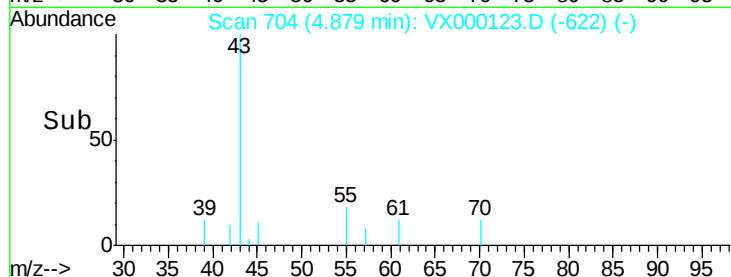
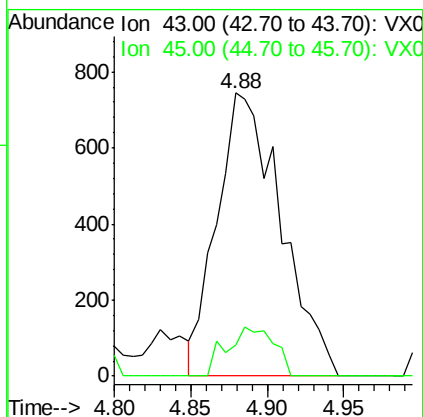
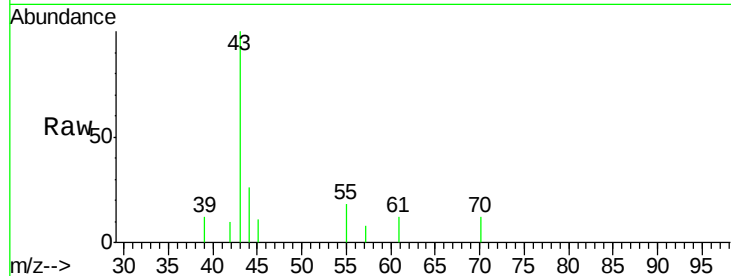
MDL04 2.00PPB

Manual Integrations

APPROVED

sam

2/23/2018 5:52:40 PM



#44

Isopropyl Acetate

Concen: 1.46 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000123.D

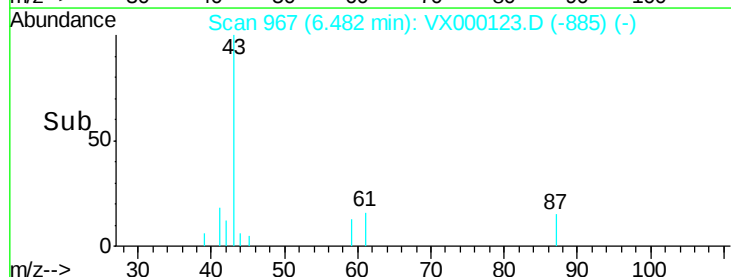
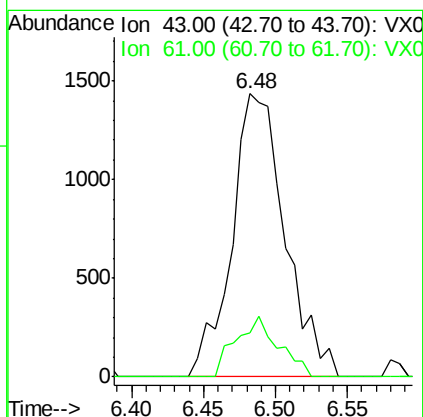
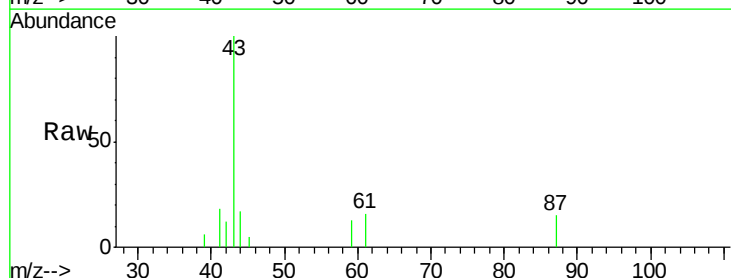
Acq: 21 Feb 2018 18:13

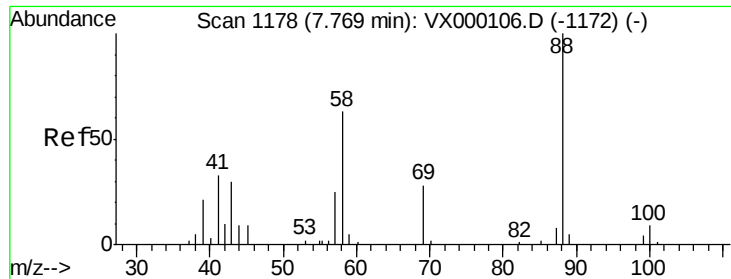
Tgt Ion: 43 Resp: 3692

Ion Ratio Lower Upper

43 100

61 17.2 15.7 23.5





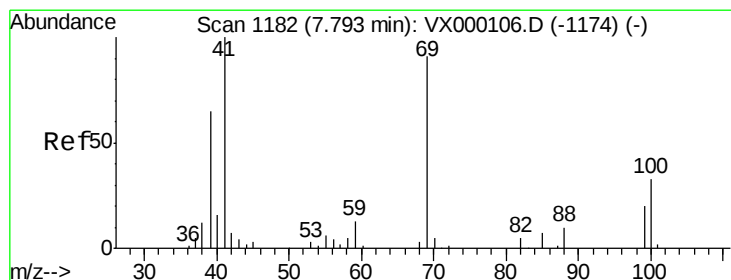
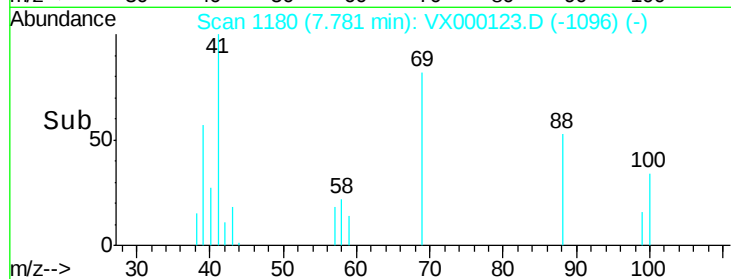
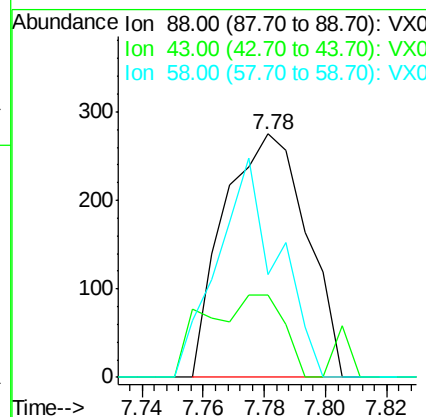
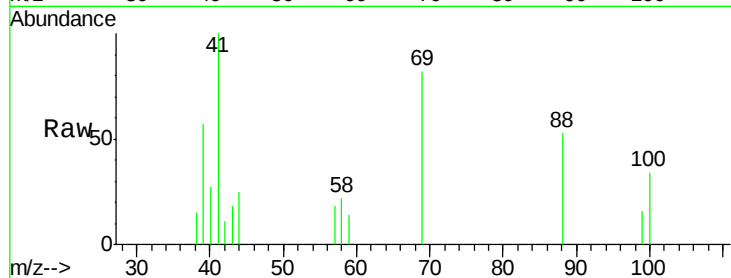
#45
1,4-Dioxane
Concen: 16.22 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
88	100		
43	17.5	26.8	40.2#
58	65.6	52.1	78.1

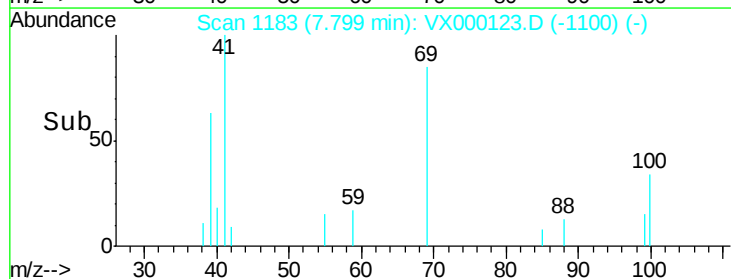
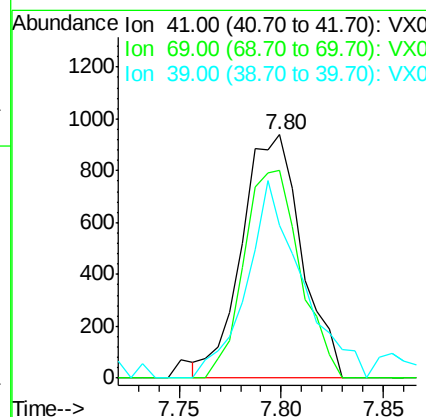
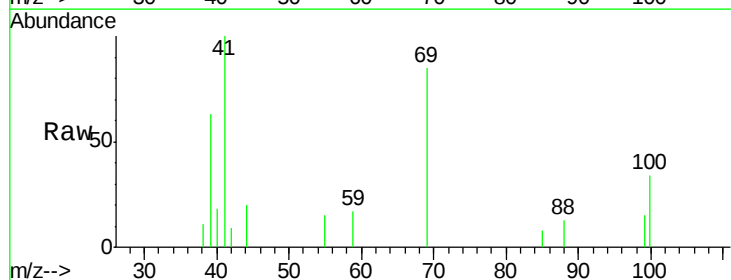
Manual Integrations
APPROVED

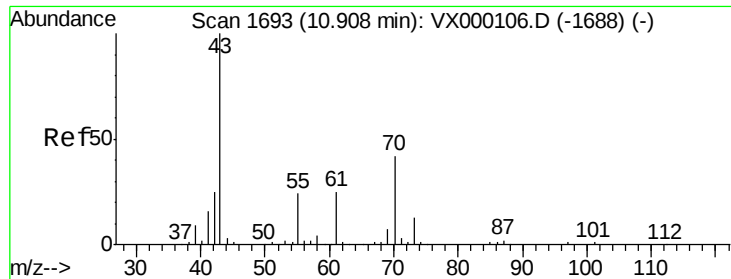
sam
2/23/2018 5:52:40 PM



#46
Methyl methacrylate
Concen: 1.56 ug/l
RT: 7.80 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.2	45.5	136.5
39	62.8	32.5	97.5





#47

n-amvl Acetate

Concen: 1.52 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 43 Resp: 3354

Ion Ratio Lower Upper

43 100

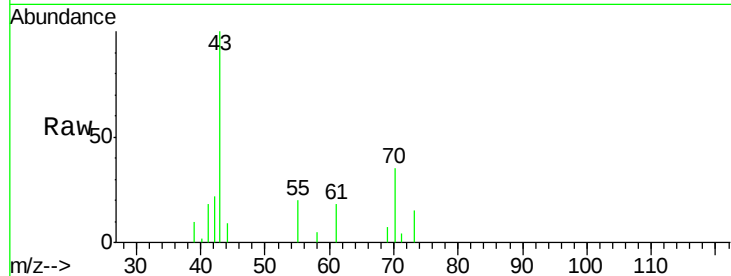
55 22.7 19.4 29.2

Manual Integrations

APPROVED

sam

2/23/2018 5:52:40 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.91

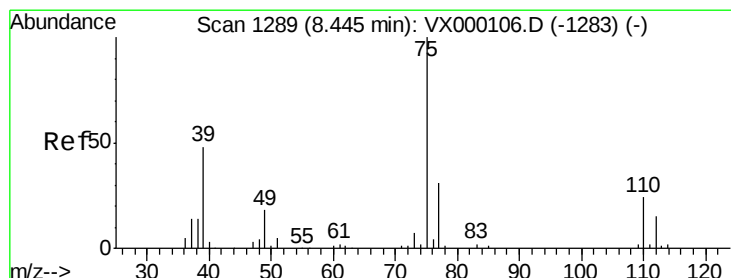
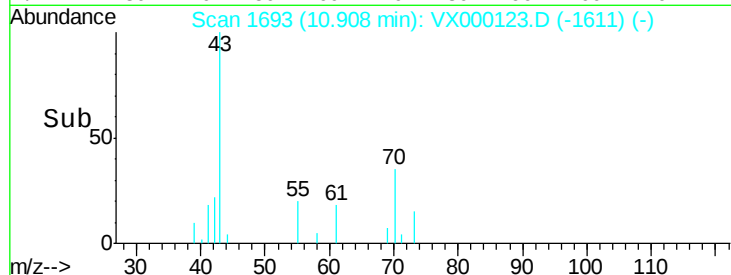
3000

2000

1000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 1.87 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000123.D

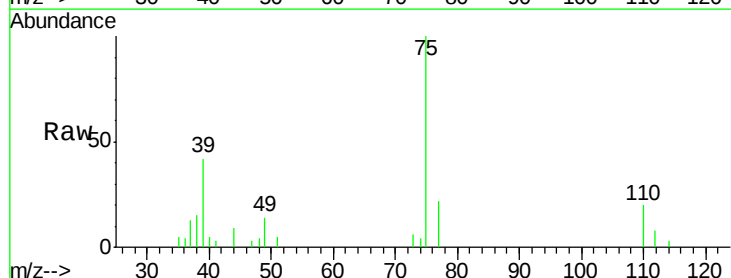
Acq: 21 Feb 2018 18:13

Tgt Ion: 75 Resp: 2917

Ion Ratio Lower Upper

75 100

77 21.5 24.6 37.0#



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.45

2000

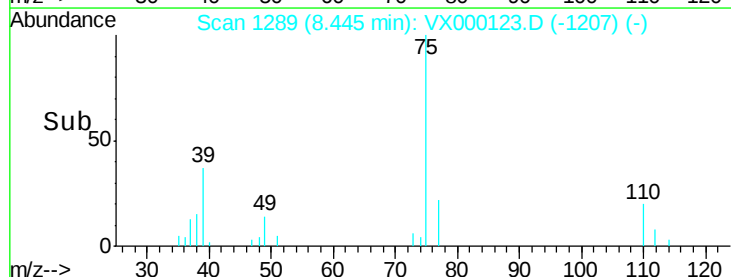
1500

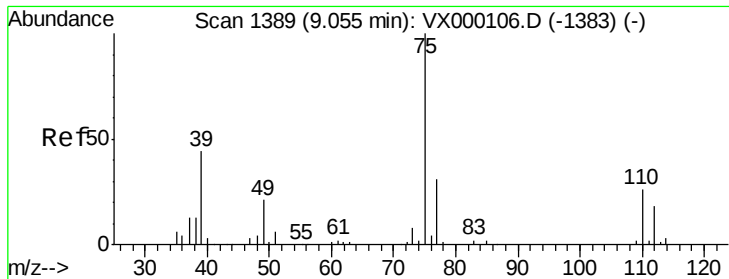
1000

500

0

Time-->





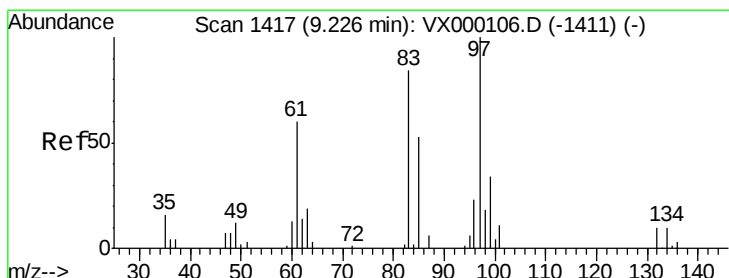
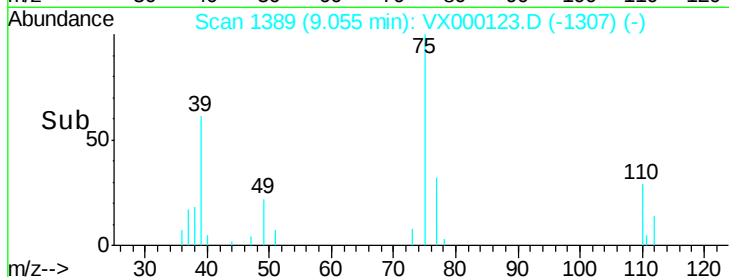
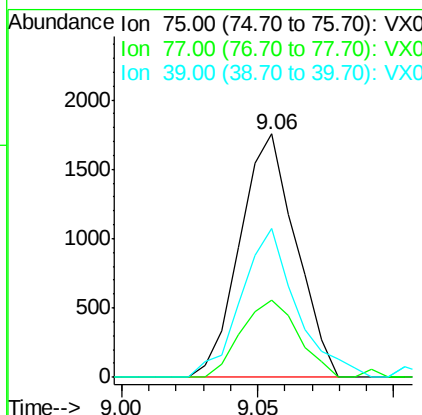
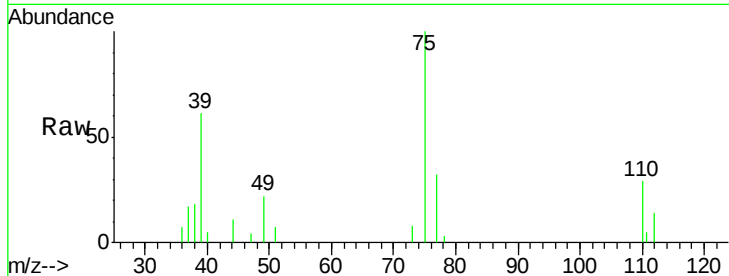
#49
 cis-1,3-Dichloropropene
 Concen: 1.65 ug/l
 RT: 9.06 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.5	36.7
39	61.3	35.6	53.4

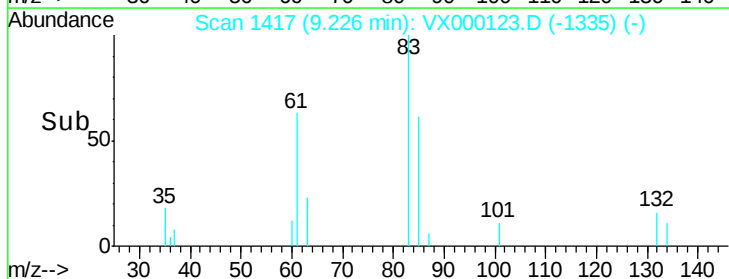
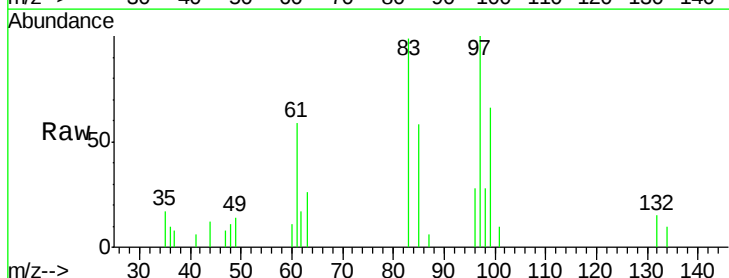
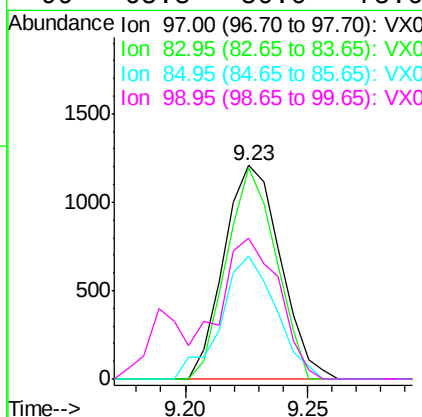
Manual Integrations
 APPROVED

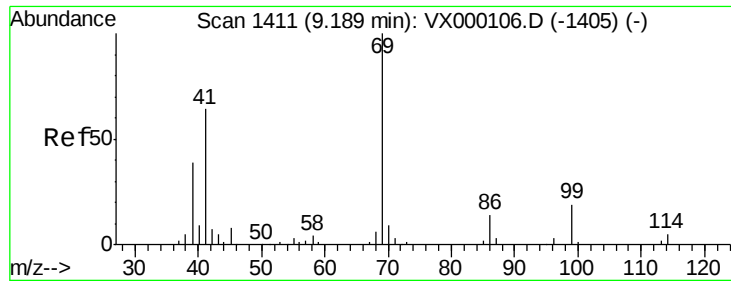
sam
 2/23/2018 5:52:40 PM



#50
 1,1,2-Trichloroethane
 Concen: 1.88 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	99.0	66.9	100.3
85	57.8	44.4	66.6
99	65.8	50.0	75.0





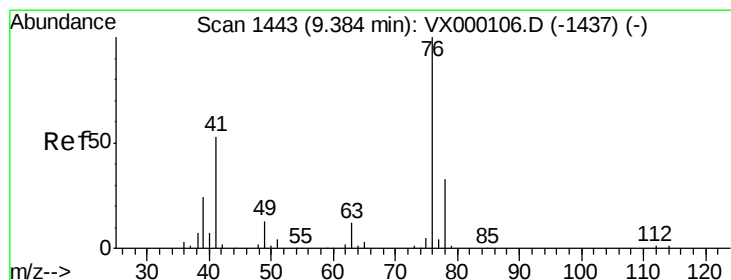
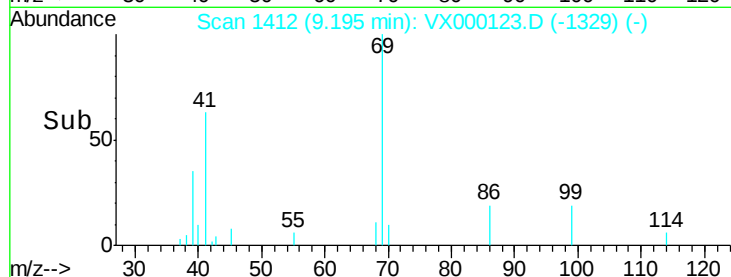
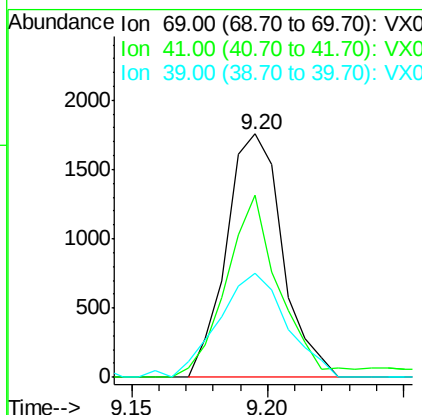
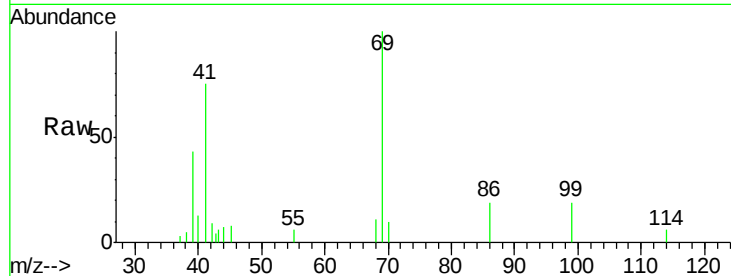
#51
Ethyl methacrylate
Concen: 1.59 ug/l
RT: 9.20 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
69	100		
41	70.9	32.1	96.3
39	42.7	19.6	58.7

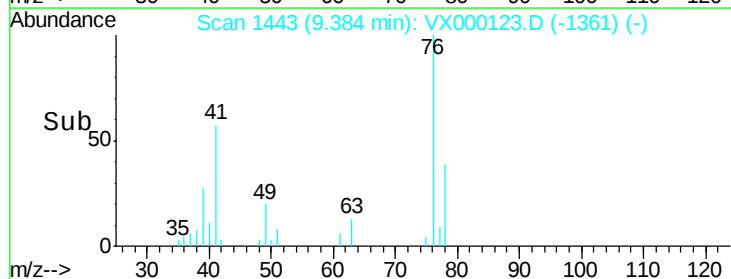
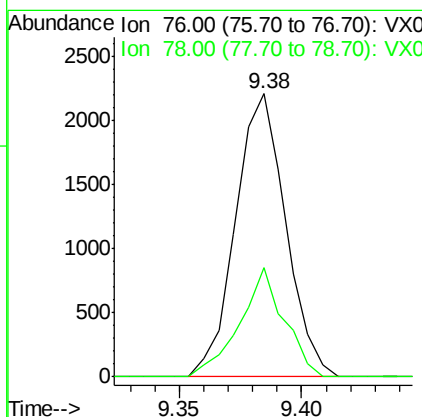
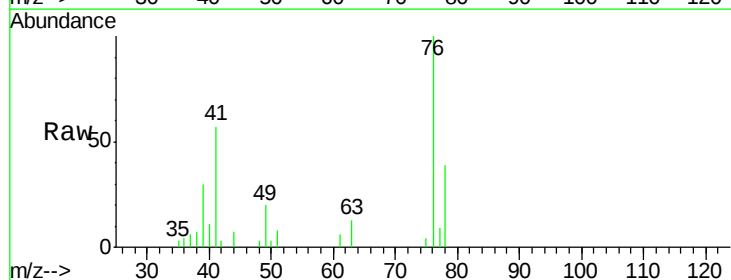
Manual Integrations
APPROVED

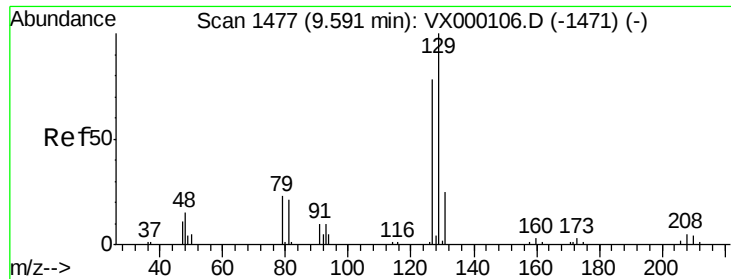
sam
2/23/2018 5:52:40 PM



#52
1,3-Dichloropropane
Concen: 1.90 ug/l
RT: 9.38 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
76	100		
78	34.1	0.0	65.0





#53

Dibromochloromethane

Concen: 1.73 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion:129 Resp: 1986

Ion Ratio Lower Upper

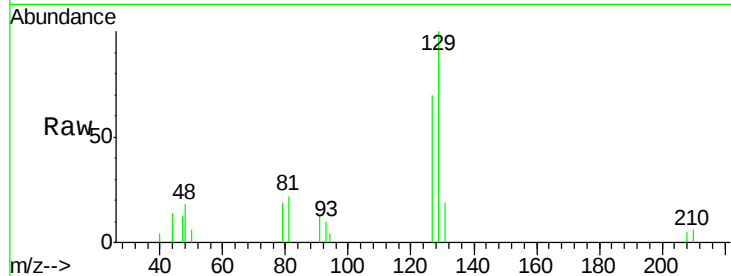
129 100

127 72.6 37.5 112.5

Manual Integrations
APPROVED

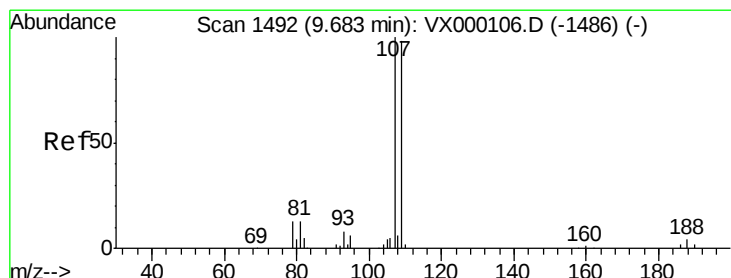
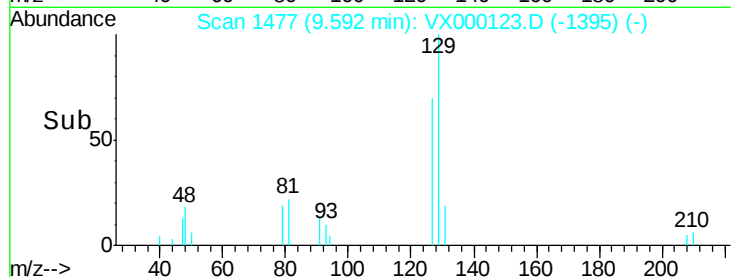
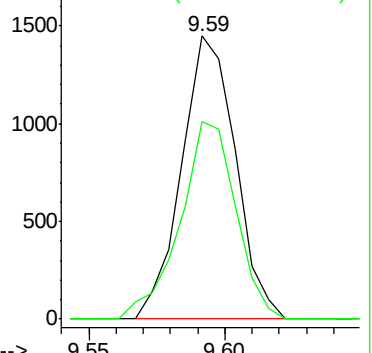
sam

2/23/2018 5:52:40 PM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 1.69 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000123.D

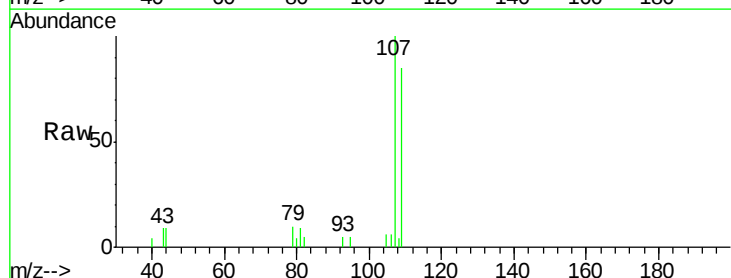
Acq: 21 Feb 2018 18:13

Tgt Ion:107 Resp: 1944

Ion Ratio Lower Upper

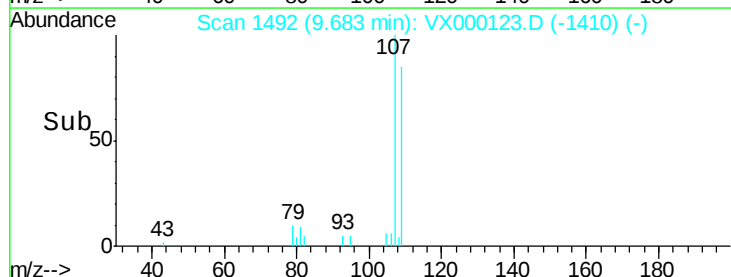
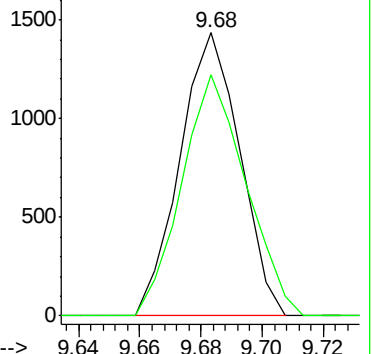
107 100

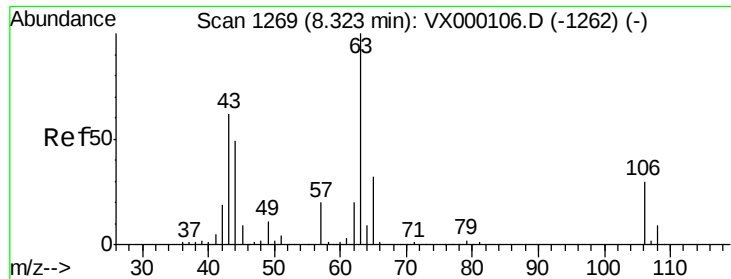
109 91.3 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





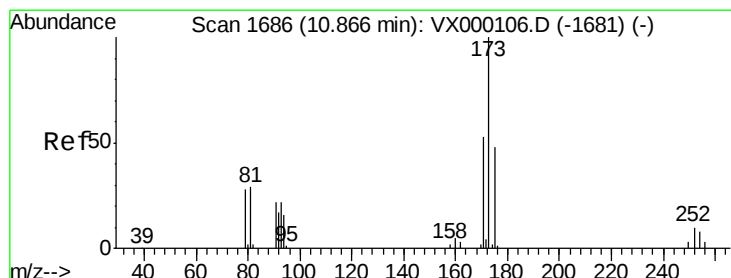
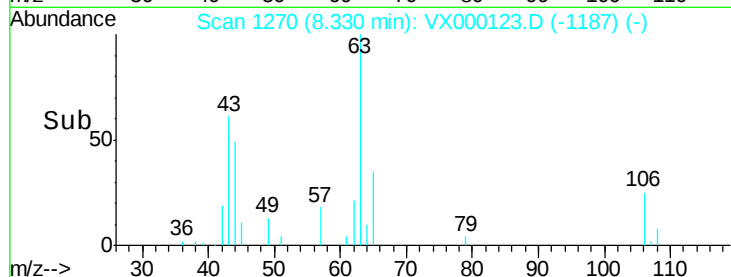
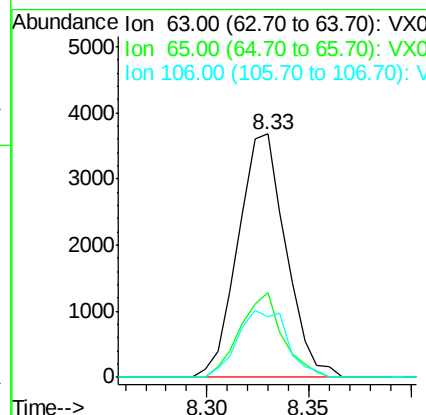
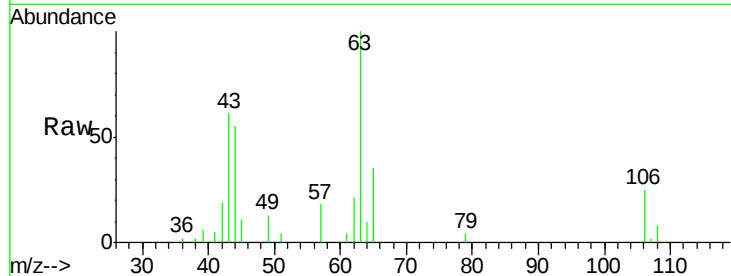
#55
2-Chloroethyl vinyl ether
Concen: 8.68 ug/l
RT: 8.33 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.8	38.8
106	28.7	23.8	35.6

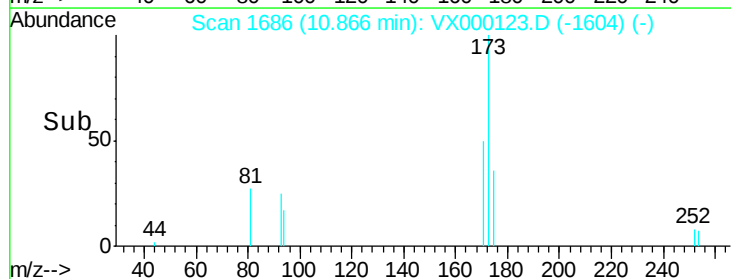
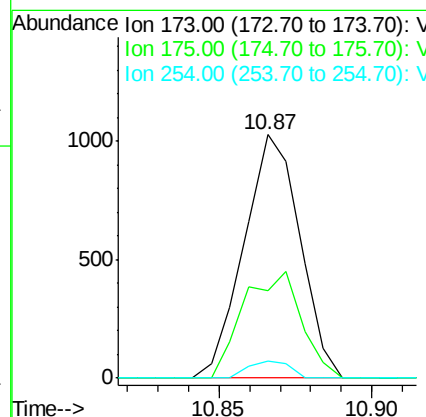
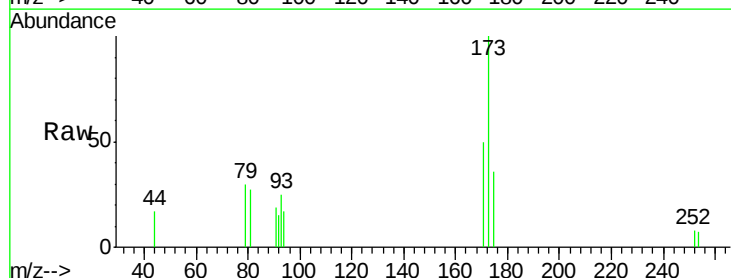
Manual Integrations
APPROVED

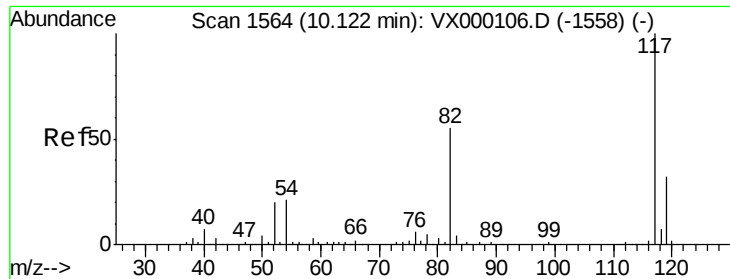
sam
2/23/2018 5:52:40 PM



#56
Bromoform
Concen: 1.40 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	45.4	39.0	58.4
254	5.1	7.0	10.4





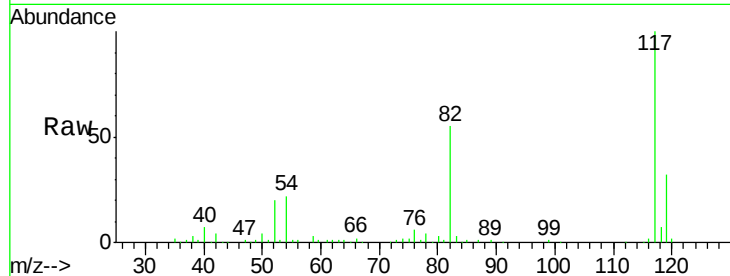
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

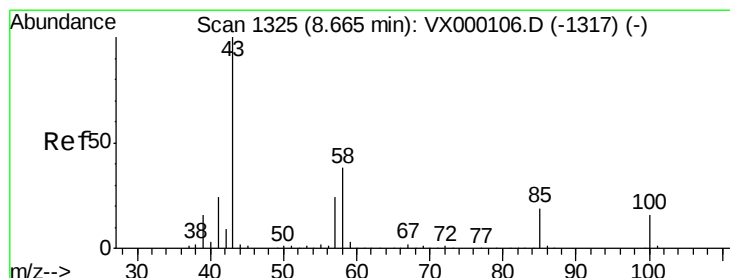
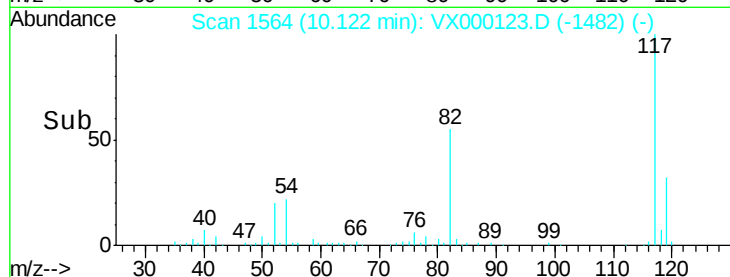
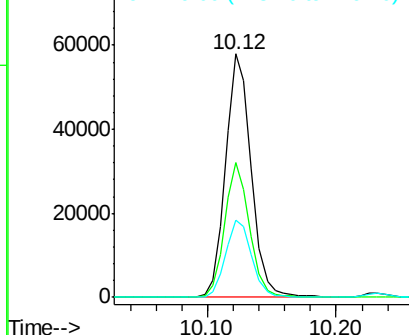
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.0	64.4
119	32.2	25.8	38.8

Manual Integrations
APPROVED

sam
2/23/2018 5:52:40 PM

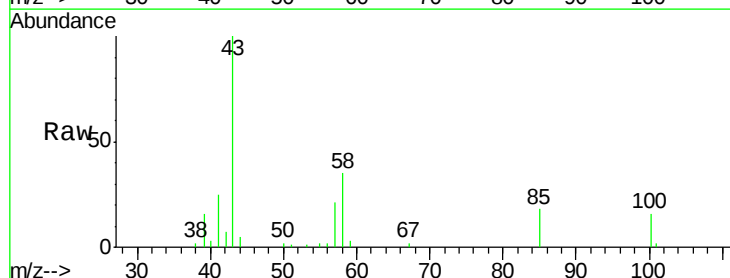


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

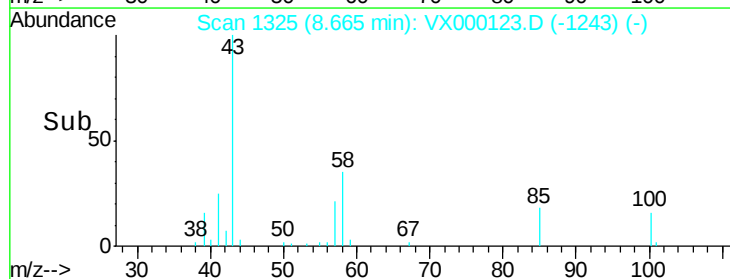
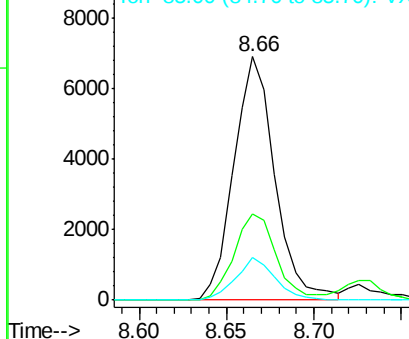


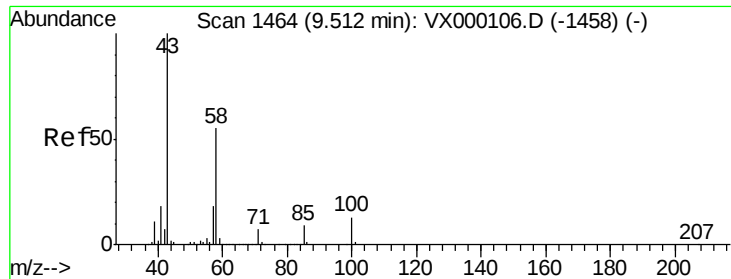
#58
4-Methyl-2-Pentanone
Concen: 6.36 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.0	29.8	44.8
85	16.7	14.9	22.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0





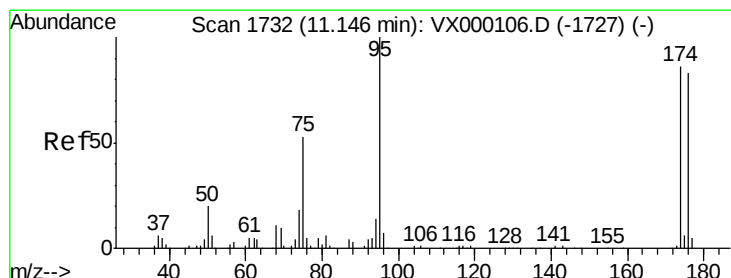
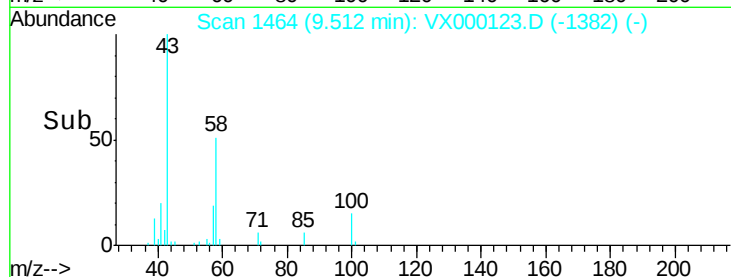
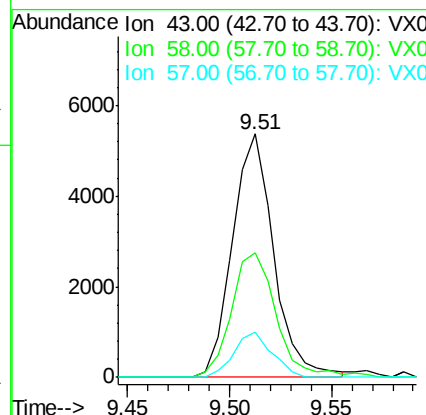
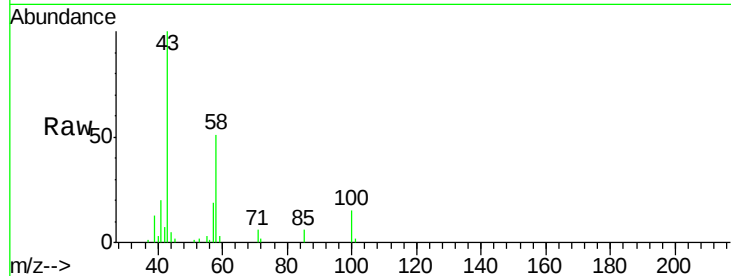
#59
2-Hexanone
Concen: 4.99 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	43.0	64.6
57	17.1	14.4	21.6

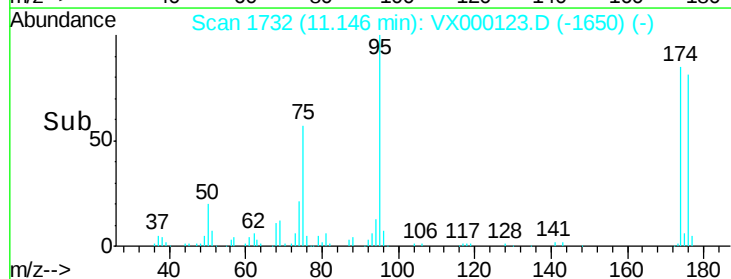
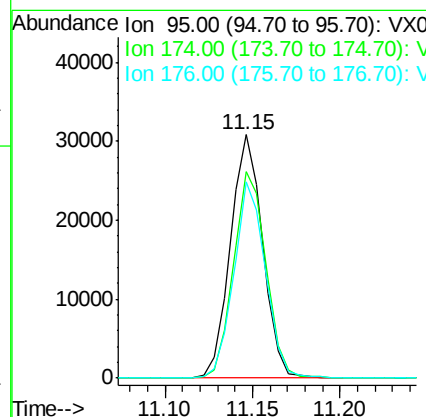
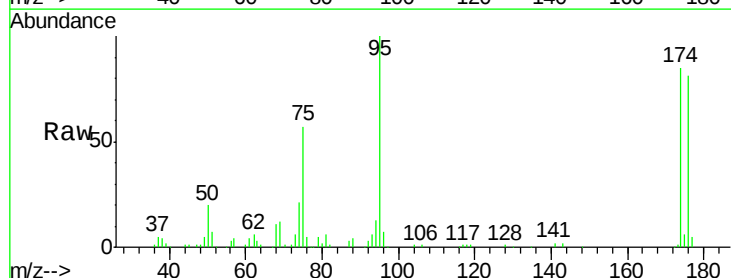
Manual Integrations
APPROVED

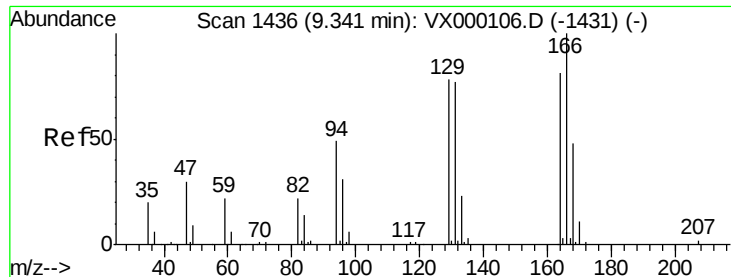
sam
2/23/2018 5:52:40 PM



#60
4-Bromofluorobenzene
Concen: 29.66 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.5	71.1	106.7
176	79.4	69.3	103.9





#61

Tetrachloroethene

Concen: 2.37 ug/l

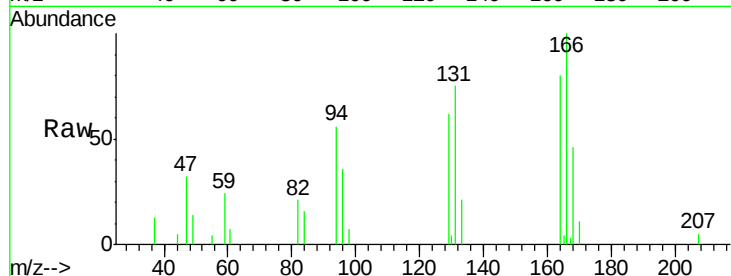
RT: 9.35 min Scan# 1437

Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB



Tot Ion:164 Resp: 2343

Ion Ratio Lower Upper

164 100

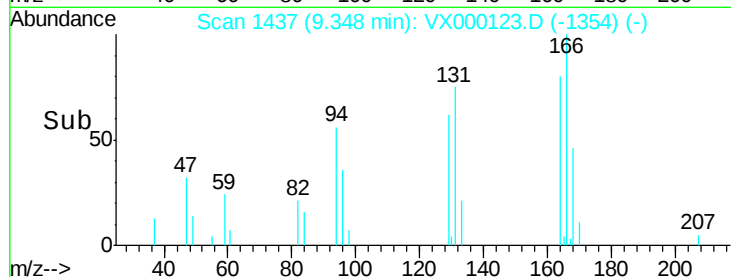
166 125.1 99.0 148.4

129 77.2 77.0 115.6

131 93.5 75.8 113.6

Manual Integrations
APPROVED

sam
2/23/2018 5:52:40 PM

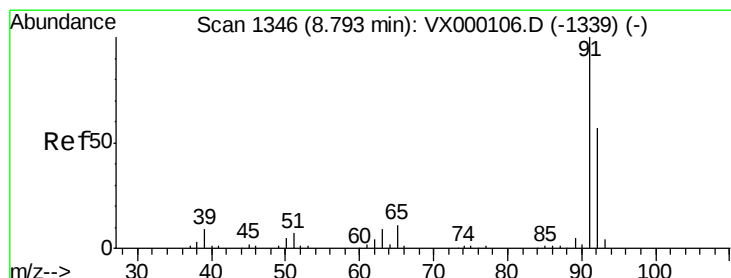
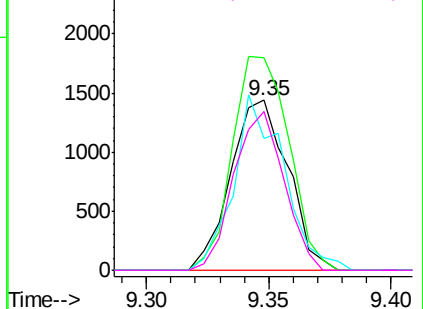


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

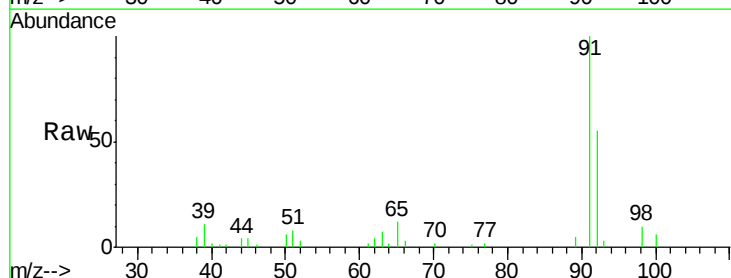
Concen: 2.18 ug/l

RT: 8.80 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13



Tgt Ion: 91 Resp: 9232

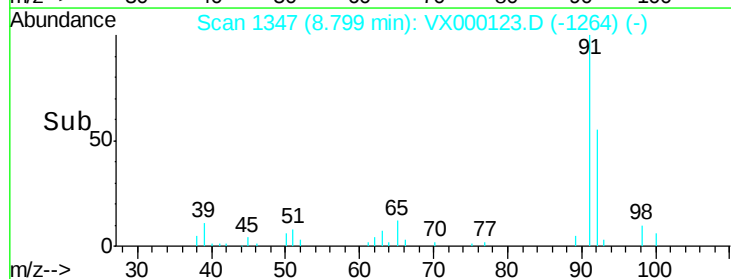
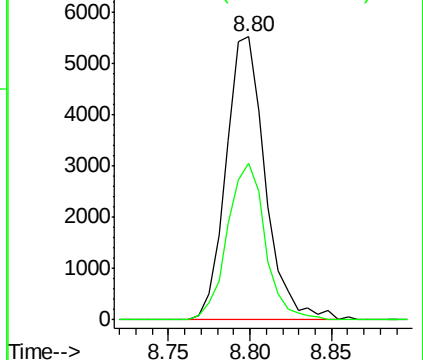
Ion Ratio Lower Upper

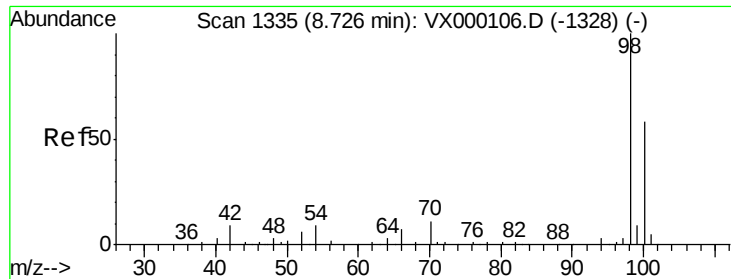
91 100

92 53.5 45.4 68.0

Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





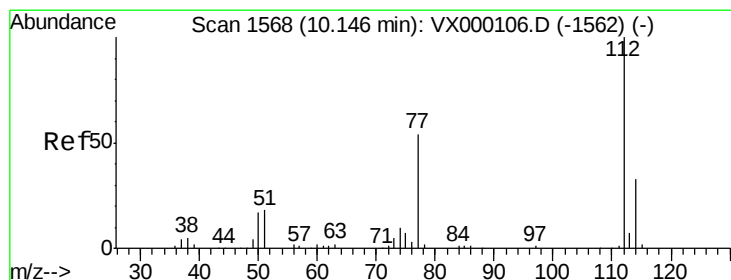
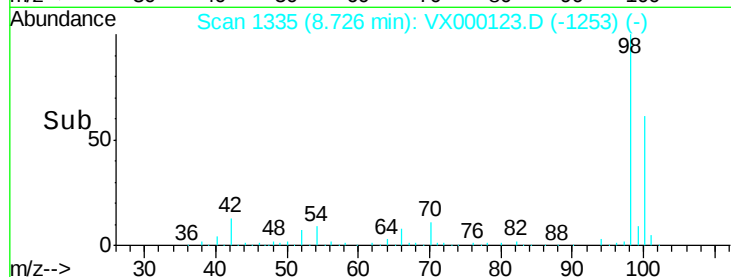
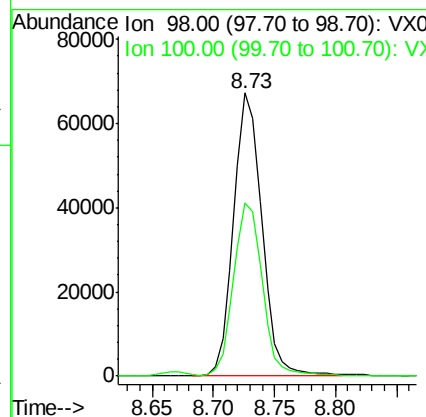
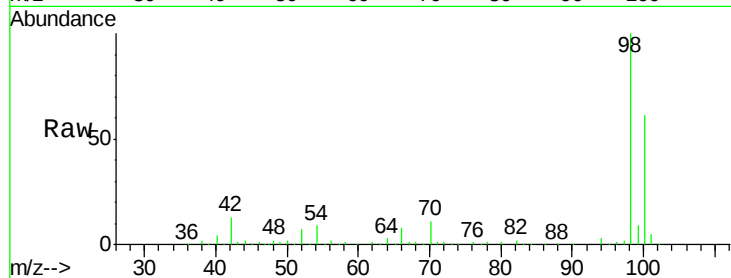
#63
Toluene-d8
Concen: 31.16 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampleId :
MDL04 2.00PPB

Tot Ion: 98 Resp: 108451
Ion Ratio Lower Upper
98 100
100 61.6 50.0 75.0

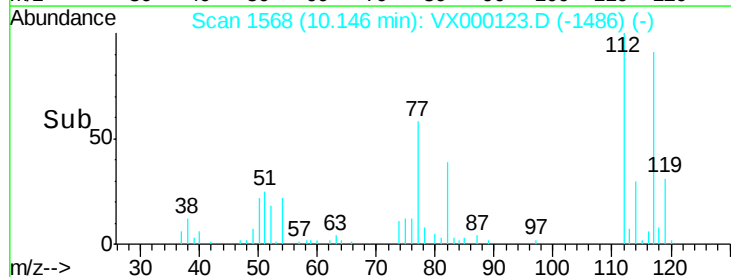
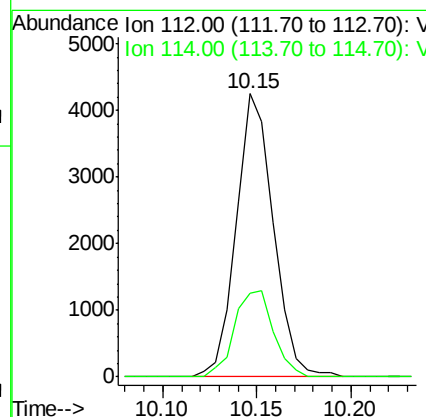
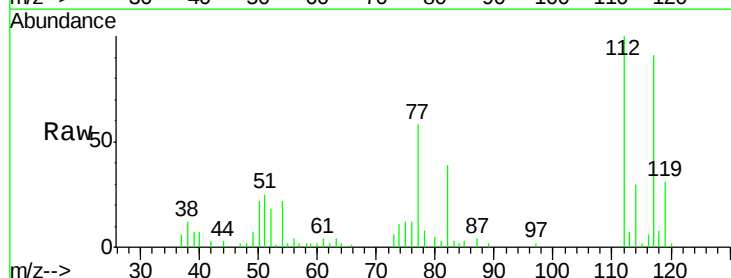
Manual Integrations
APPROVED

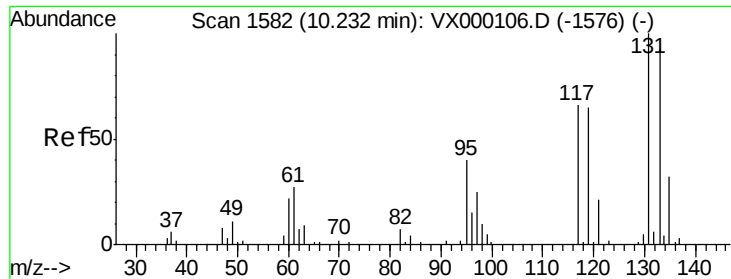
sam
2/23/2018 5:52:40 PM



#64
Chlorobenzene
Concen: 2.03 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion: 112 Resp: 5805
Ion Ratio Lower Upper
112 100
114 29.6 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 1.87 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

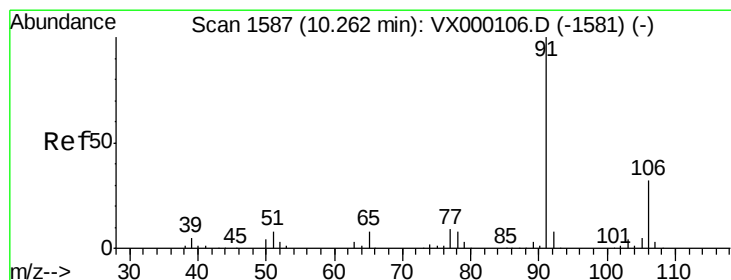
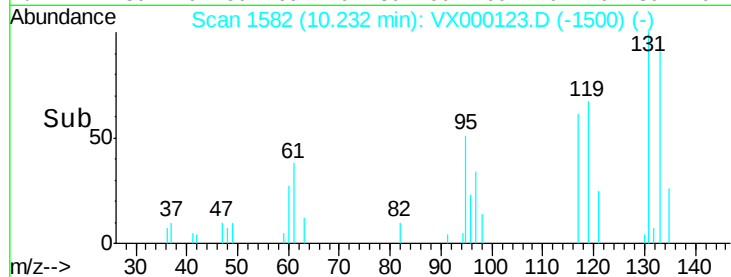
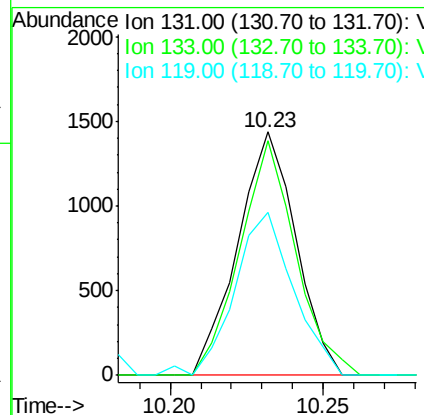
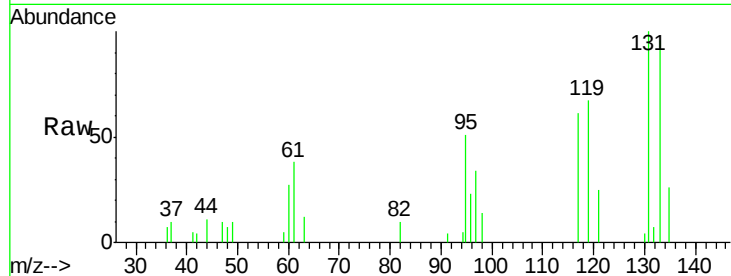
ClientSampled :

MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
131	100		
133	92.6	0.0	187.6
119	66.8	0.0	134.0

Manual Integrations
APPROVED

sam
2/23/2018 5:52:40 PM



#66

Ethyl Benzene

Concen: 2.10 ug/l

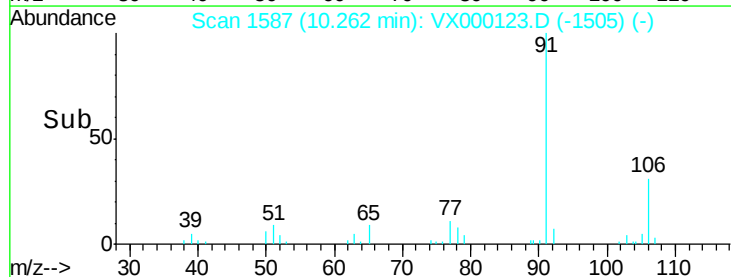
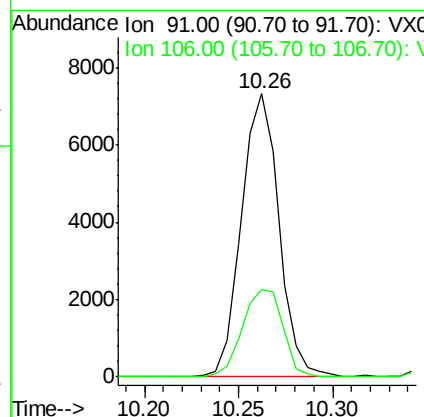
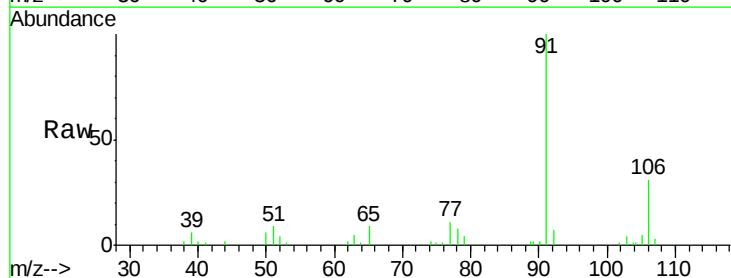
RT: 10.26 min Scan# 1587

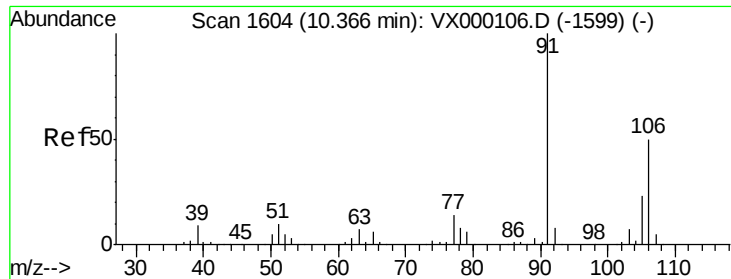
Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.9	38.9





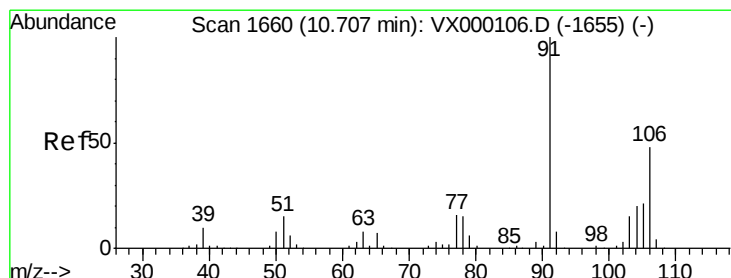
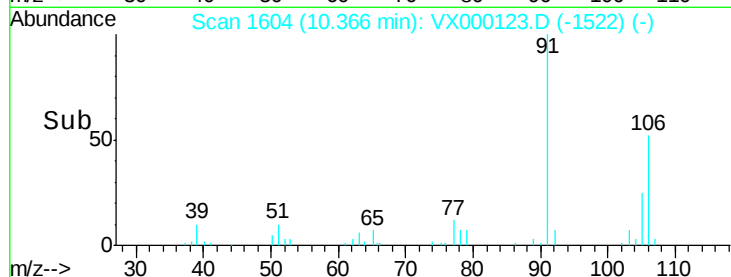
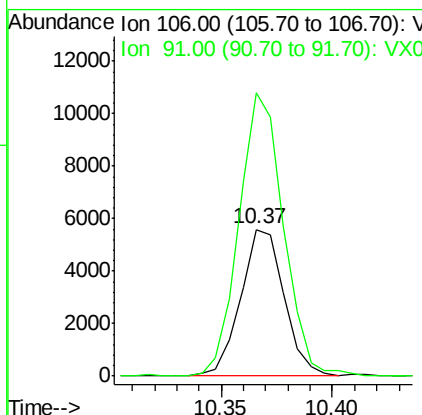
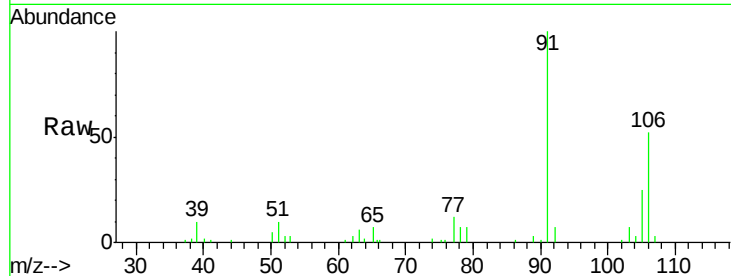
#67
m/p-Xvlenes
Concen: 4.03 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion:106 Resp: 7631
Ion Ratio Lower Upper
106 100
91 197.2 161.6 242.4

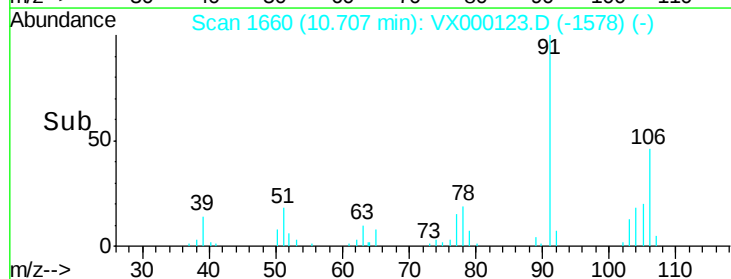
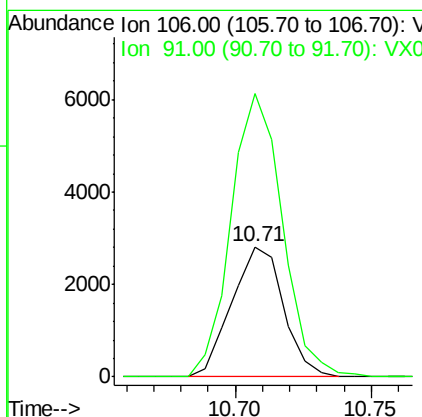
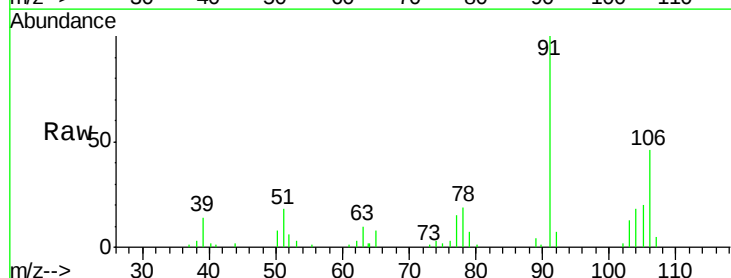
Manual Integrations
APPROVED

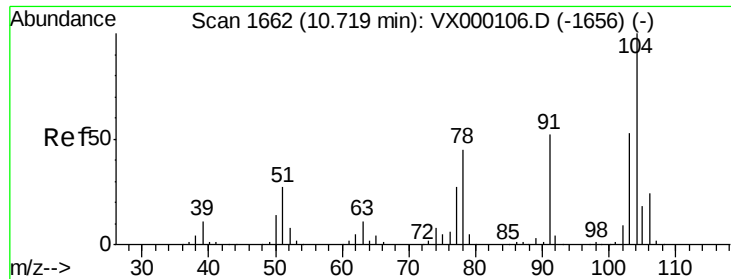
sam
2/23/2018 5:52:40 PM



#68
o-Xylene
Concen: 2.02 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion:106 Resp: 3711
Ion Ratio Lower Upper
106 100
91 216.2 105.6 316.8





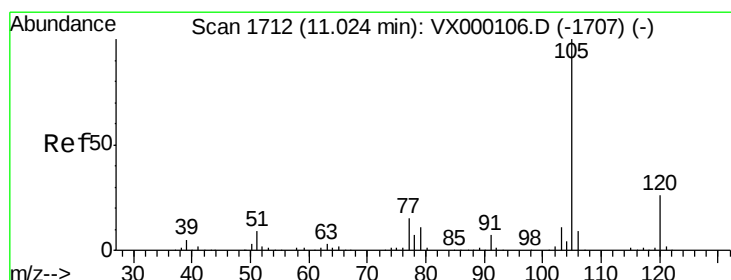
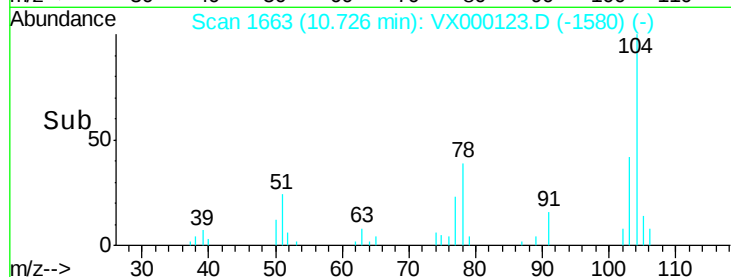
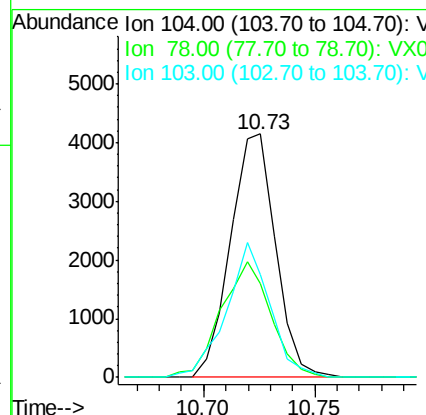
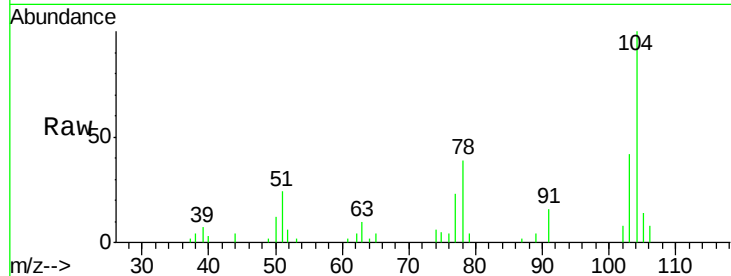
#69
Stvrene
Concen: 1.93 ug/l
RT: 10.73 min Scan# 1663
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.6	39.0	58.4
103	53.2	44.7	67.1

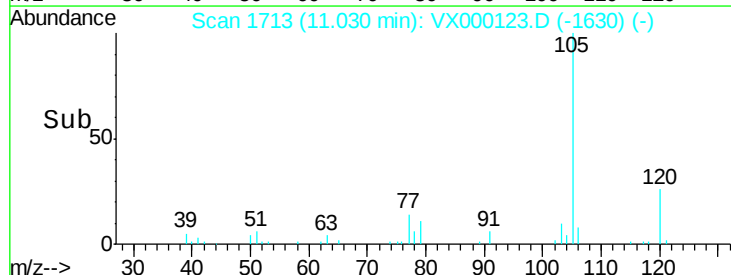
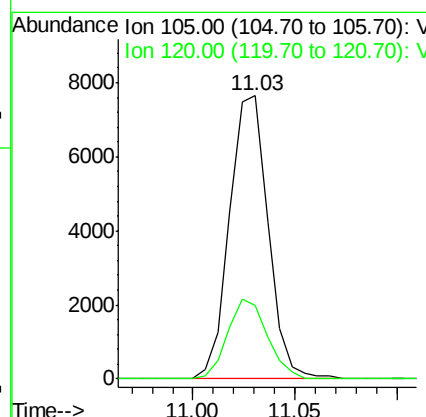
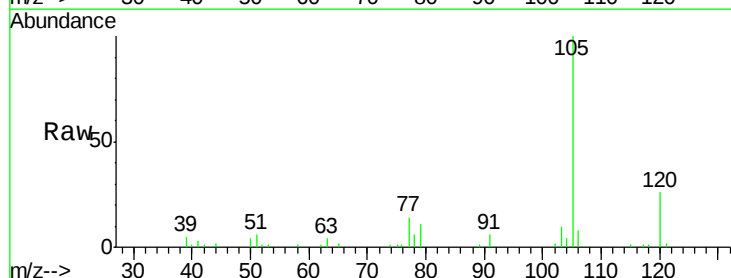
Manual Integrations
APPROVED

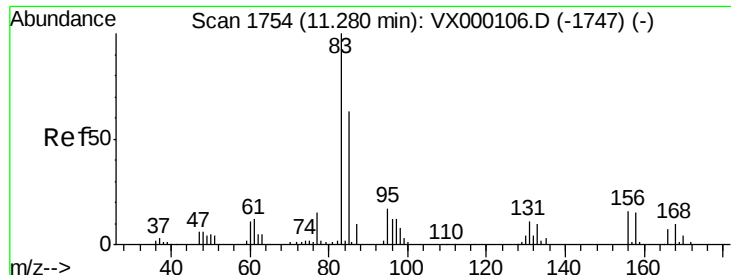
sam
2/23/2018 5:52:40 PM



#70
Isopropylbenzene
Concen: 2.02 ug/l
RT: 11.03 min Scan# 1713
Delta R.T. 0.01 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.0	18.8	35.0





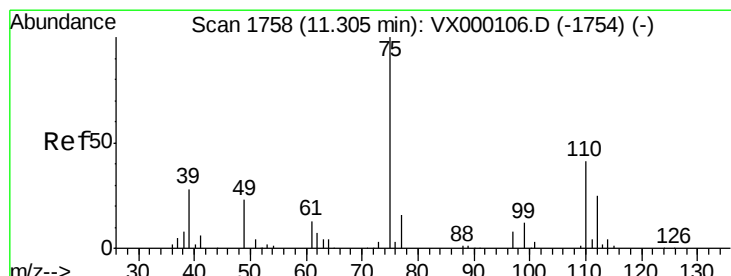
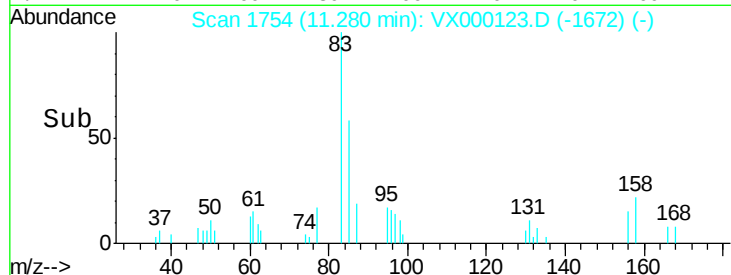
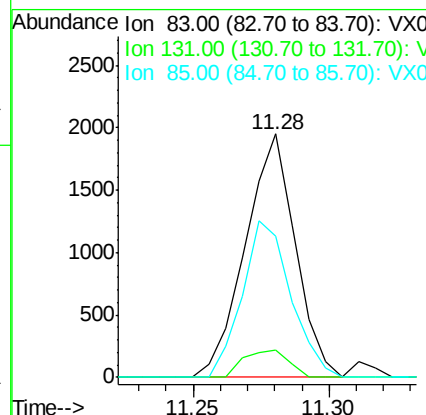
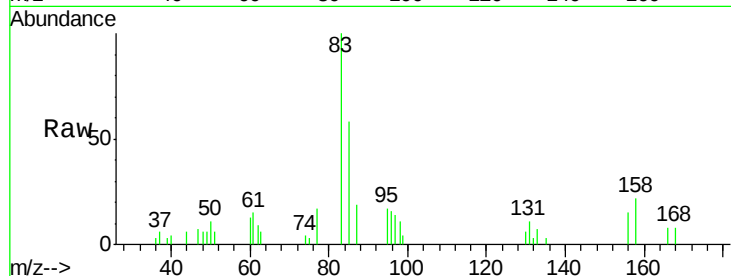
#71
 1,1,2,2-Tetrachloroethane
 Concen: 1.45 ug/l
 RT: 11.28 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Instrument :
 Client Sampled :
 MDL04 2.00PPB

Tot Ion	83	Resp	2478
Ion Ratio	100	Lower	Upper
83	100		
131	9.8	5.3	16.1
85	62.3	32.5	97.5

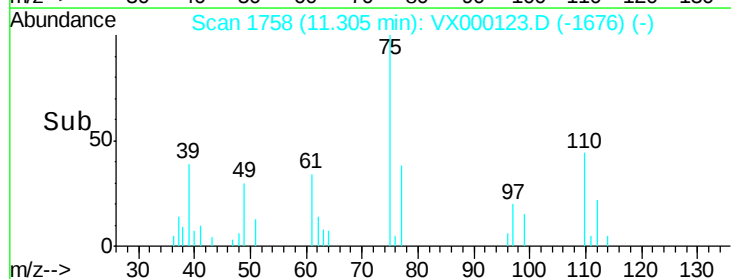
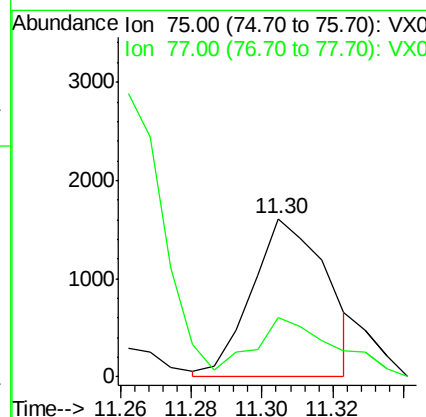
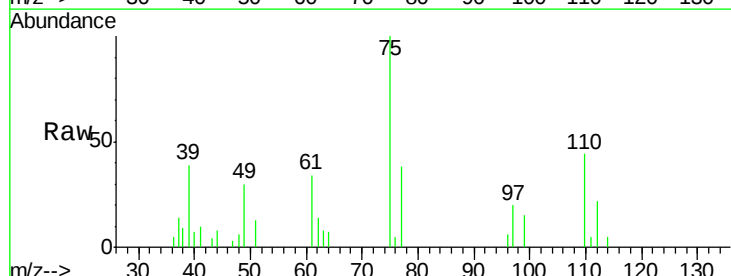
Manual Integrations
 APPROVED

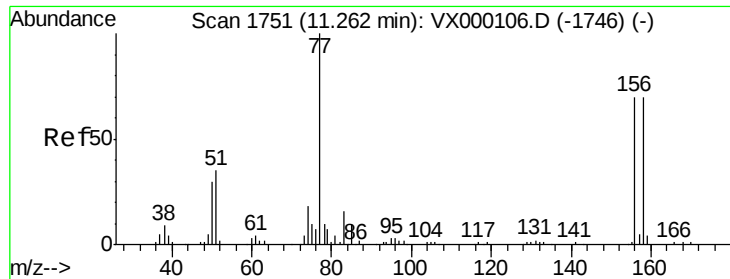
sam
 2/23/2018 5:52:40 PM



#72
 1,2,3-Trichloropropane
 Concen: 1.55 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Tgt Ion	75	Resp	2373
Ion Ratio	100	Lower	Upper
75	100		
77	40.5	0.0	85.8





#73

Bromobenzene

Concen: 1.86 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

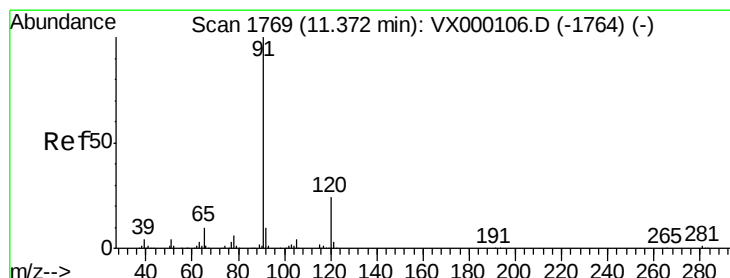
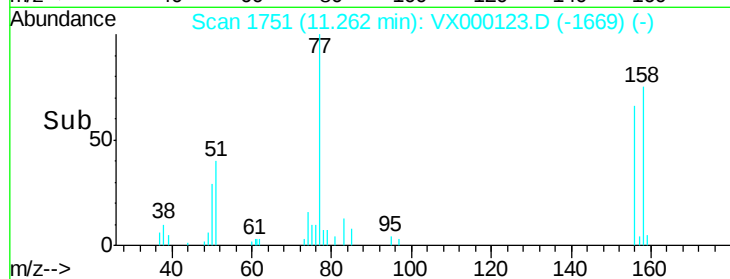
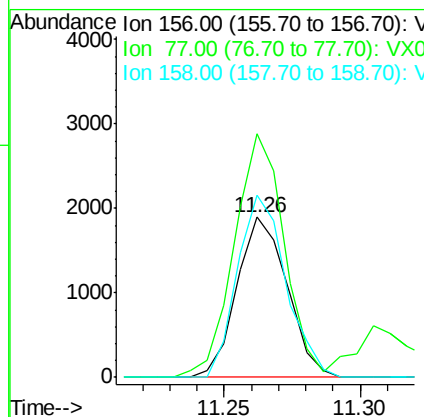
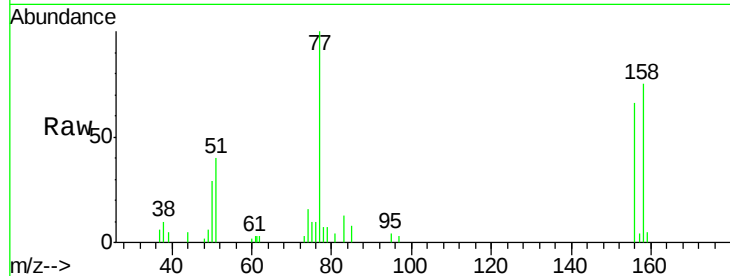
ClientSampled :

MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.9	0.0	280.2
158	109.9	0.0	197.2

Manual Integrations
APPROVED

sam
2/23/2018 5:52:40 PM



#74

n-propylbenzene

Concen: 1.97 ug/l

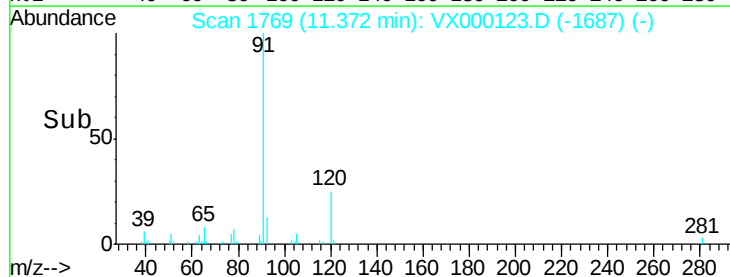
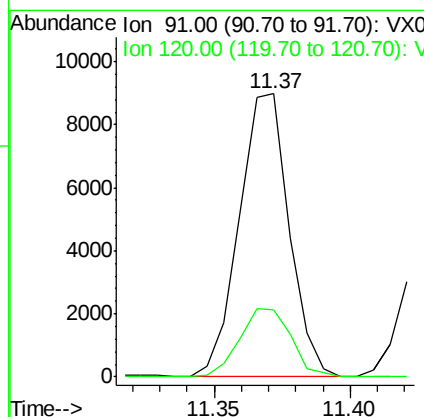
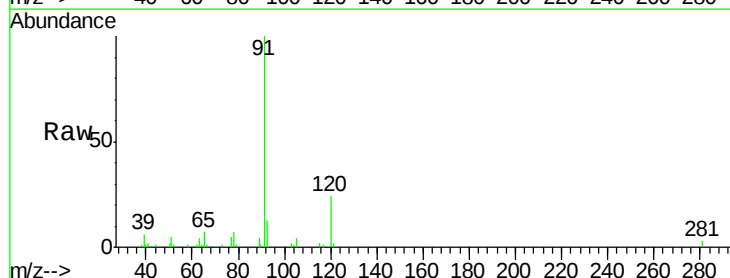
RT: 11.37 min Scan# 1769

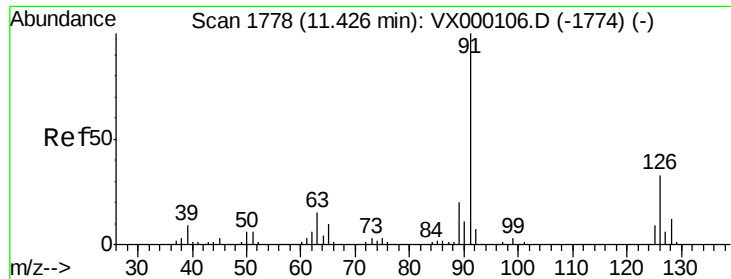
Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	0.0	47.4





#75

2-Chlorotoluene

Concen: 2.06 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000123.D

Acq: 21 Feb 2018 18:13

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 91 Resp: 6909

Ion Ratio Lower Upper

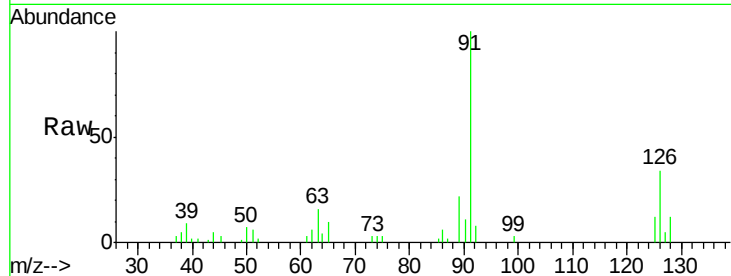
91 100

126 34.7 0.0 71.4

Manual Integrations
APPROVED

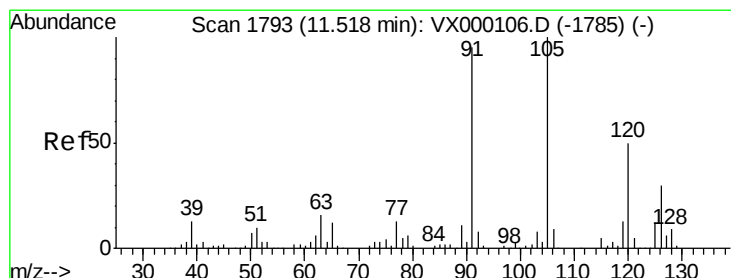
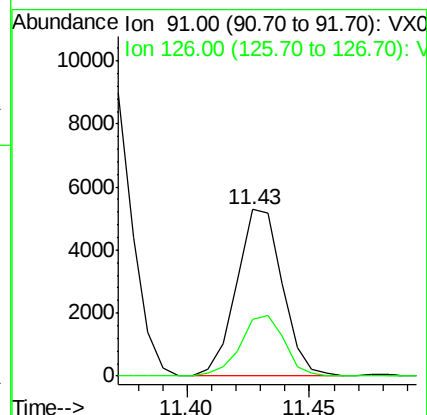
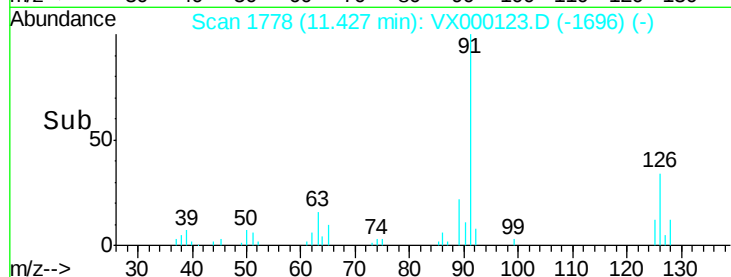
sam

2/23/2018 5:52:40 PM



Abundance Ion 91.00 (90.70 to 91.70): VX000106.D (-1774) (-)

Ion 126.00 (125.70 to 126.70): VX000106.D (-1774) (-)



#76

1,3,5-Trimethylbenzene

Concen: 1.89 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000123.D

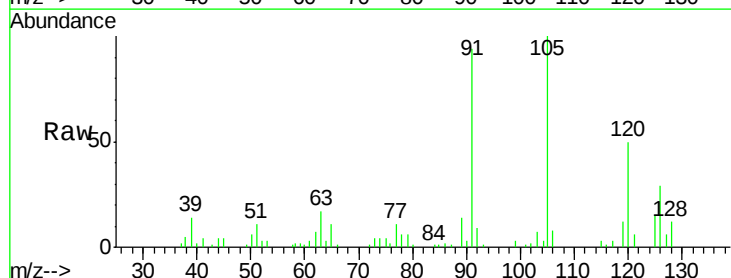
Acq: 21 Feb 2018 18:13

Tgt Ion: 105 Resp: 7943

Ion Ratio Lower Upper

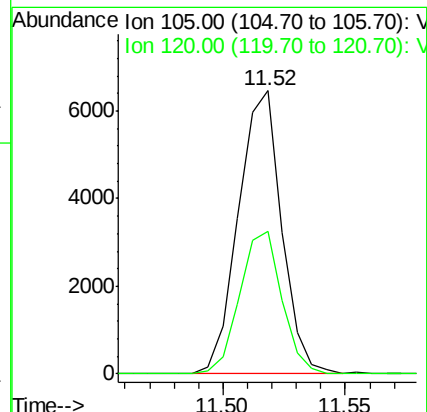
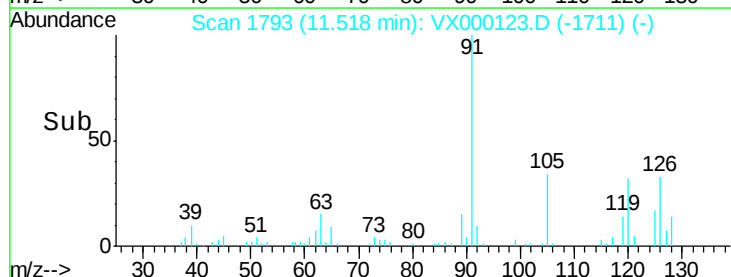
105 100

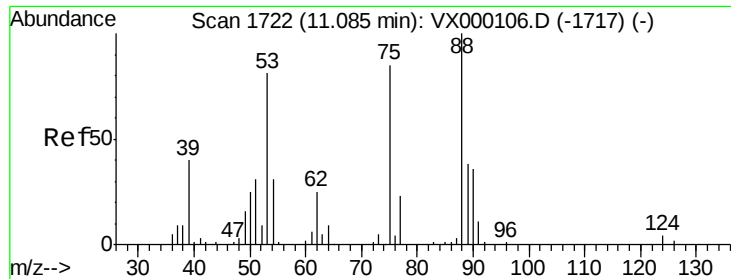
120 48.8 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX000106.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX000106.D (-1785) (-)





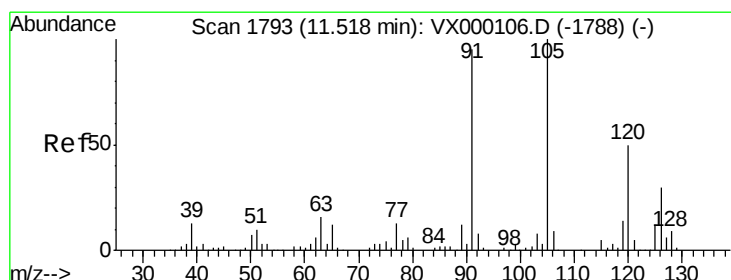
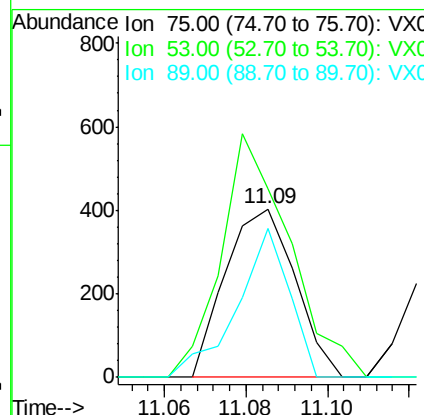
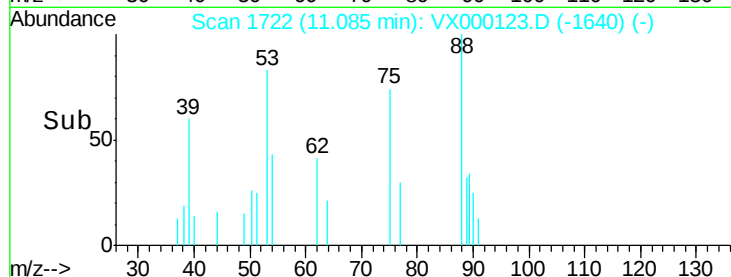
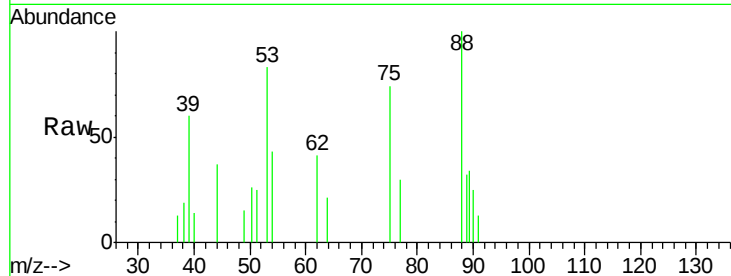
#77
t-1,4-Dichloro-2-butene
Concen: 0.89 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampleId :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	47.8	143.3
89	88.4	22.3	66.8

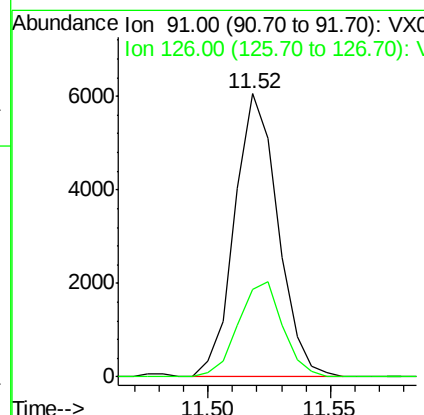
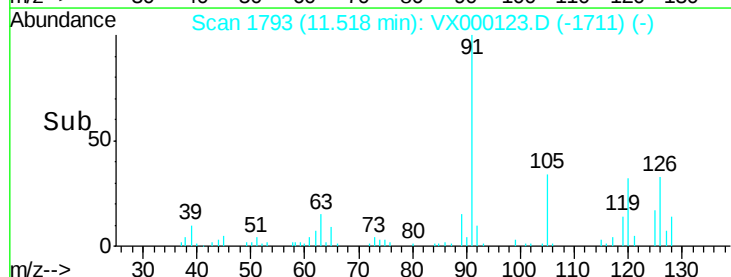
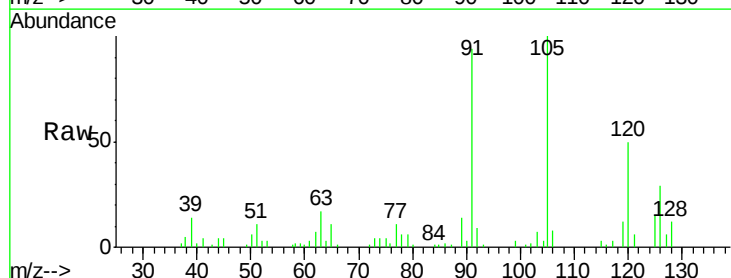
Manual Integrations
APPROVED

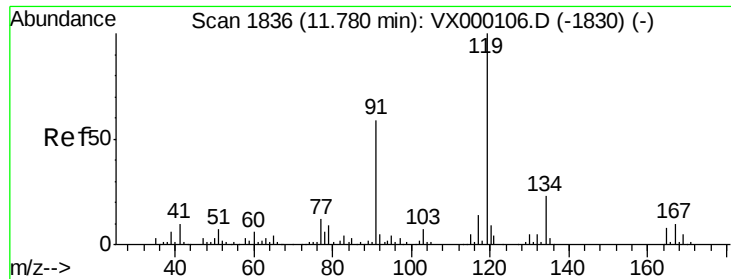
sam
2/23/2018 5:52:40 PM



#78
4-Chlorotoluene
Concen: 1.86 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	0.0	63.4





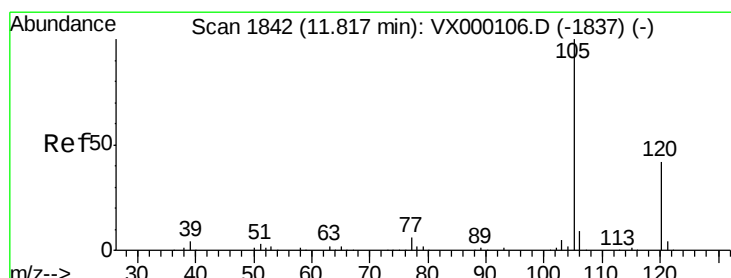
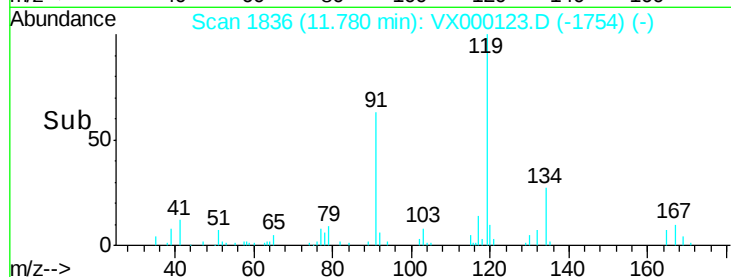
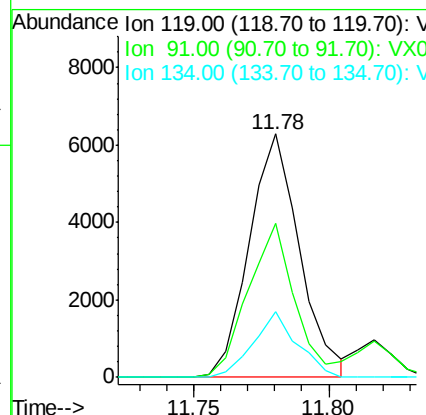
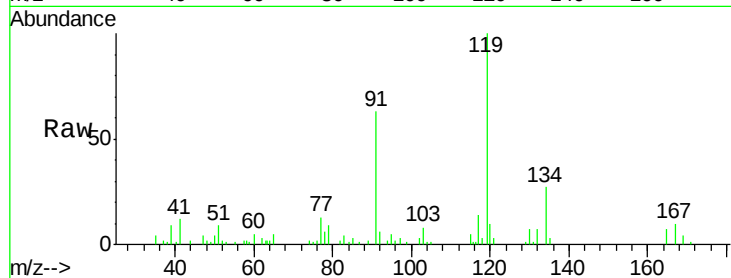
#79
tert-butylbenzene
Concen: 1.93 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Resp	Lower	Upper
119	100	8100		
91	25.1	0.0	51.6	
134	28.7	0.0	60.2	

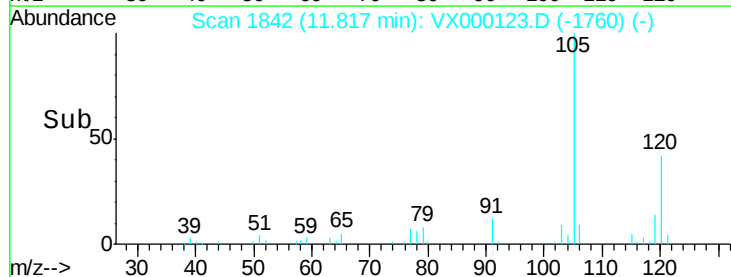
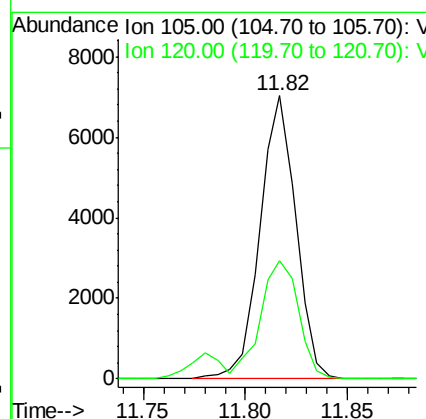
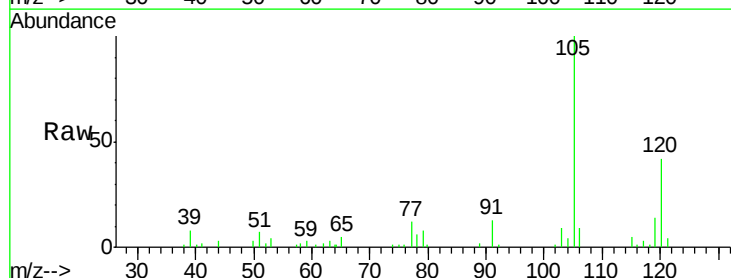
Manual Integrations
APPROVED

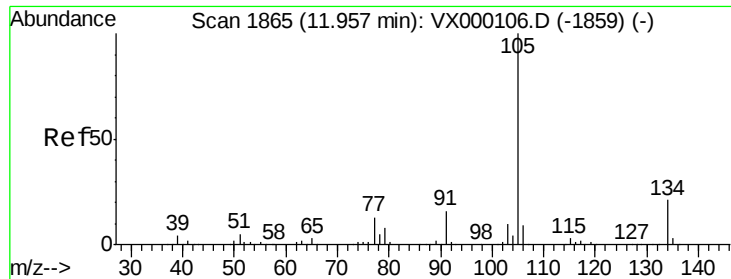
sam
2/23/2018 5:52:40 PM



#80
1,2,4-Trimethylbenzene
Concen: 2.00 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	8607		
120	44.5	0.0	93.0	





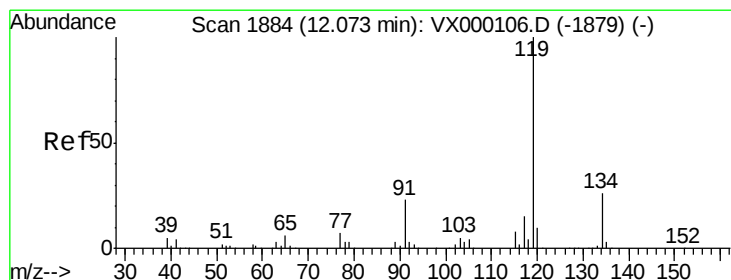
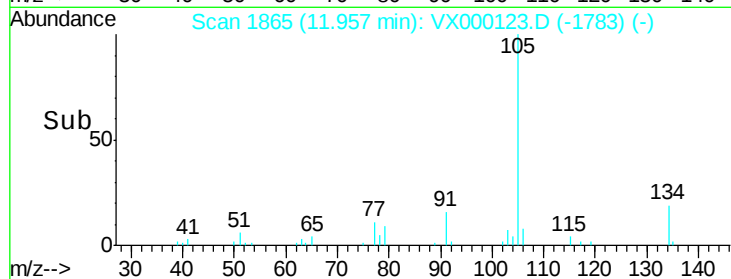
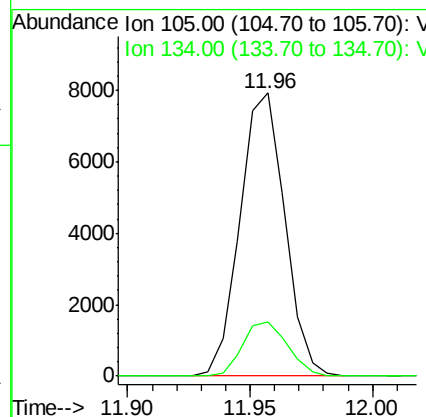
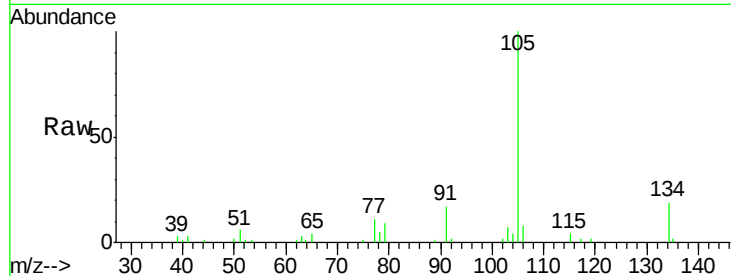
#81
 sec-Butylbenzene
 Concen: 1.94 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion:105 Resp: 10069
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 41.8

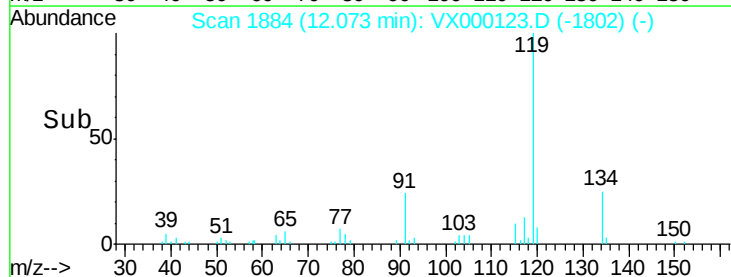
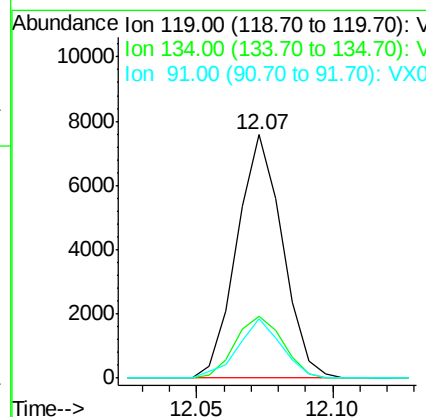
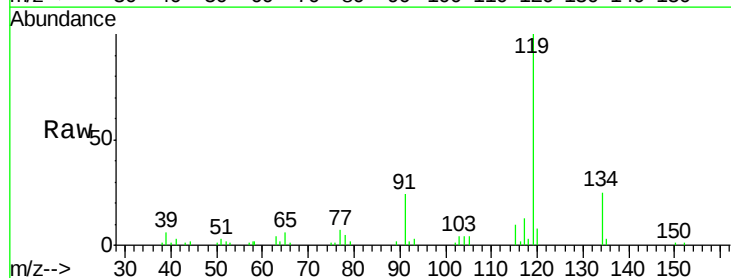
Manual Integrations
 APPROVED

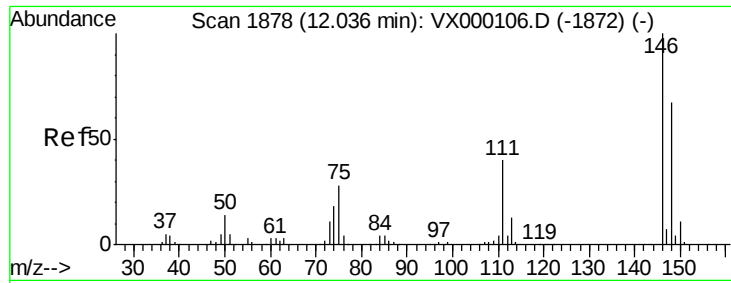
sam
 2/23/2018 5:52:40 PM



#82
 p-Isopropyltoluene
 Concen: 1.90 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Tgt Ion:119 Resp: 8779
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 54.4
 91 23.2 0.0 46.6





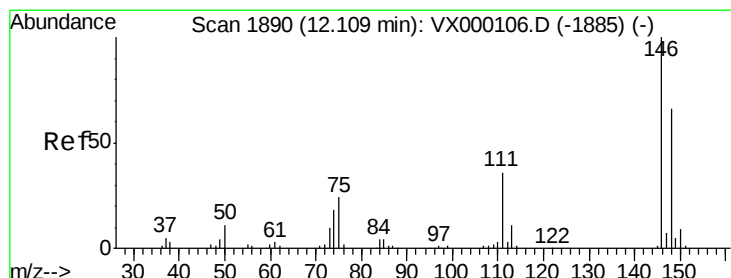
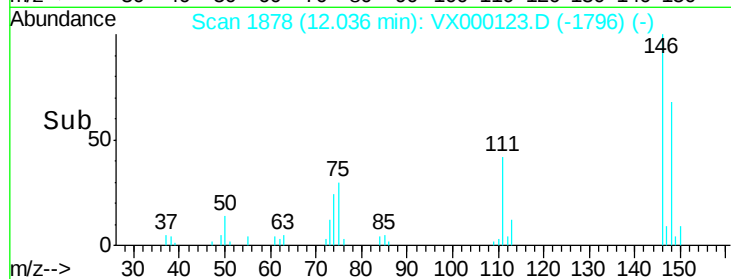
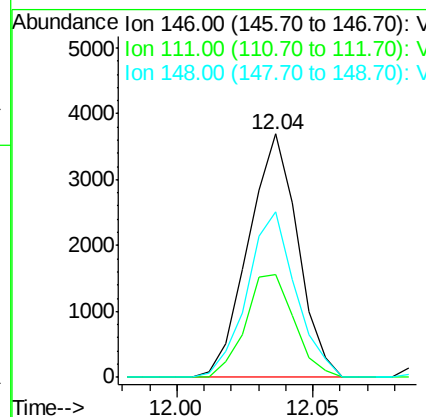
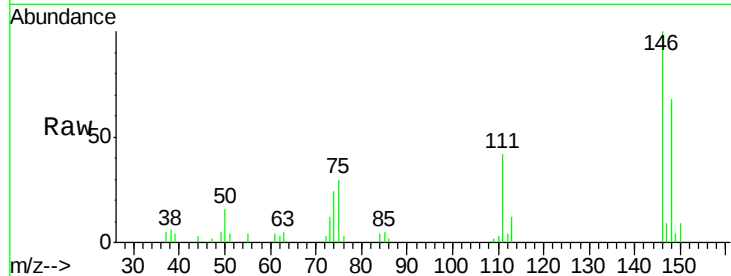
#83
 1,3-Dichlorobenzene
 Concen: 1.87 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	19.4	58.2
148	66.9	32.6	97.7

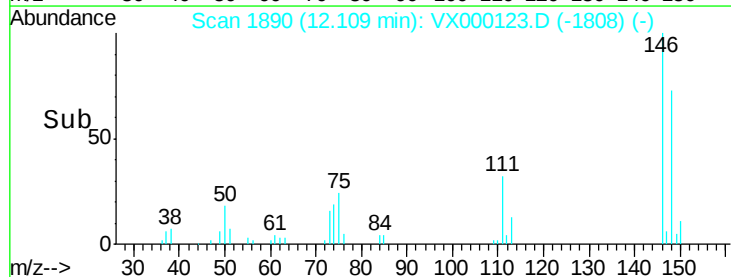
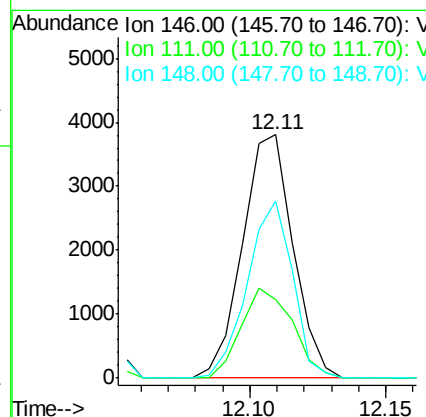
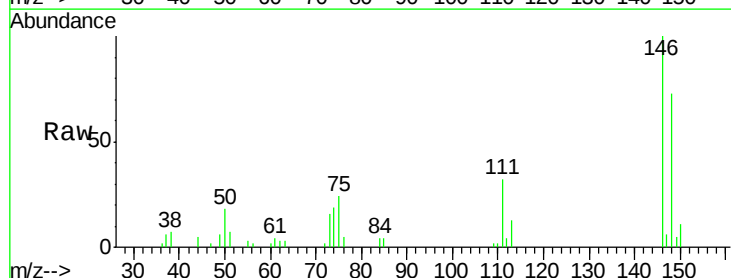
Manual Integrations
 APPROVED

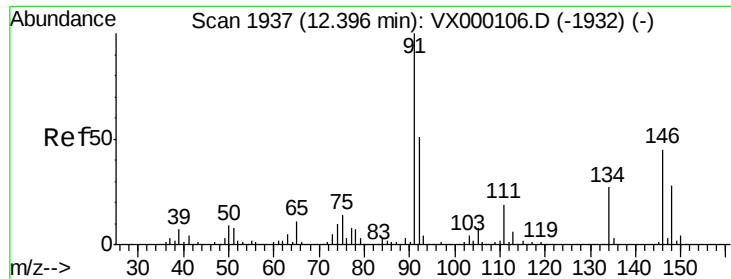
sam
 2/23/2018 5:52:40 PM



#84
 1,4-Dichlorobenzene
 Concen: 1.90 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.0
148	64.9	31.9	95.7





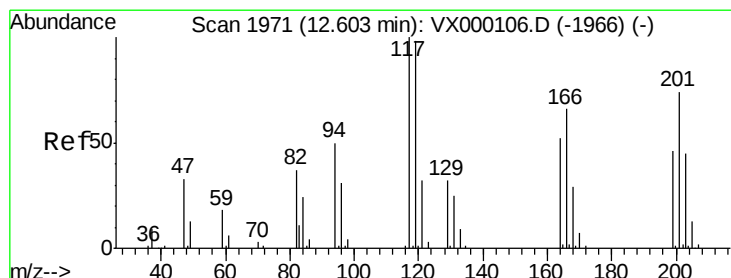
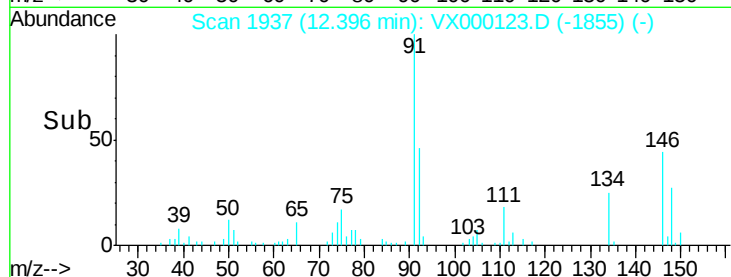
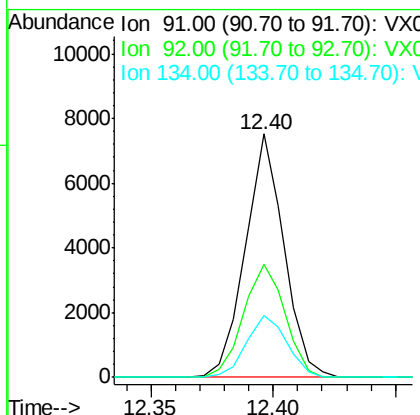
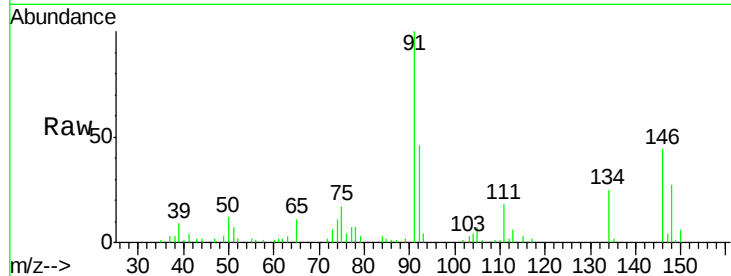
#85
n-Butylbenzene
Concen: 1.90 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.0	0.0	102.0
134	26.7	0.0	54.2

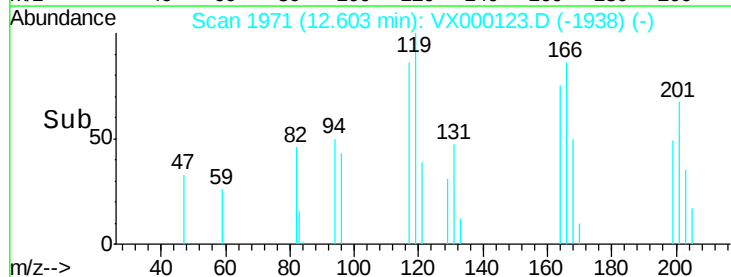
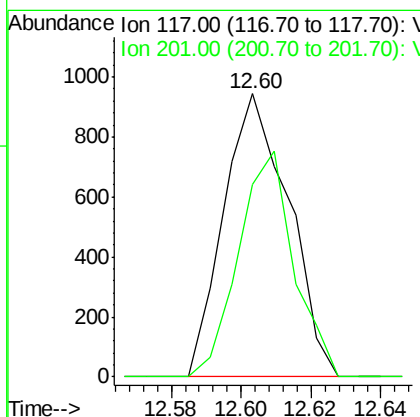
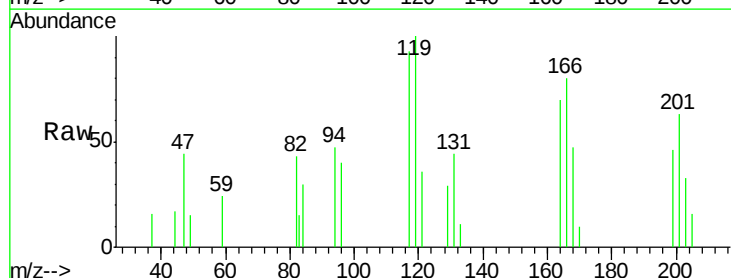
Manual Integrations
APPROVED

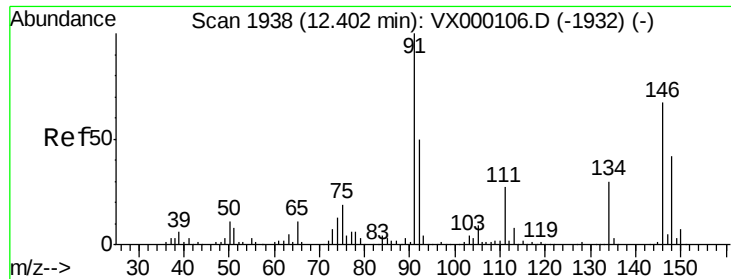
sam
2/23/2018 5:52:40 PM



#86
Hexachloroethane
Concen: 1.58 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.6	38.9	116.6





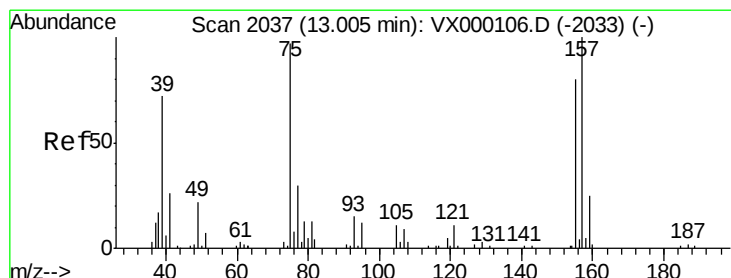
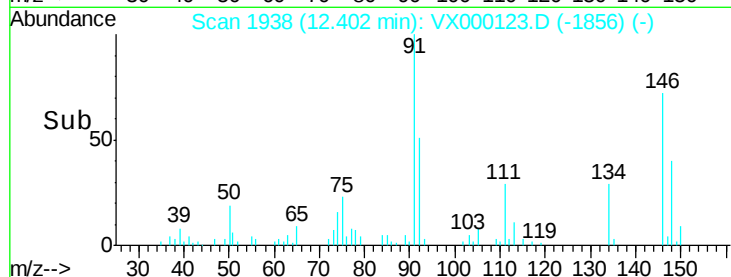
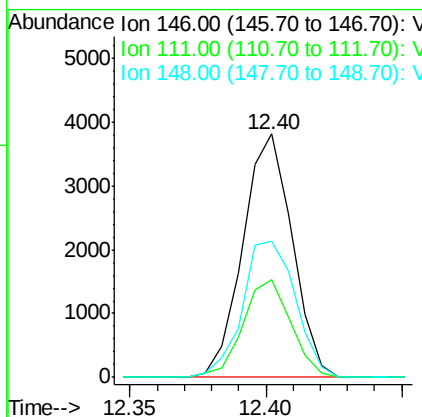
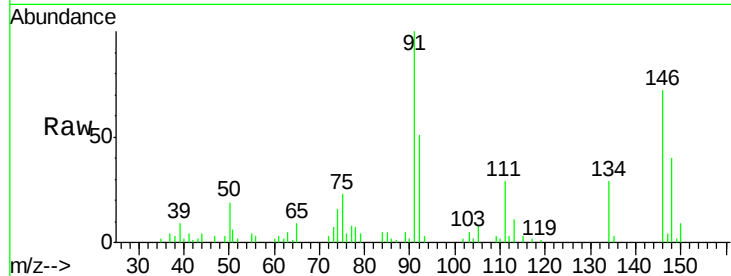
#87
 1,2-Dichlorobenzene
 Concen: 1.95 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion:146 Resp: 4792
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.0 60.0
 148 60.4 31.6 95.0

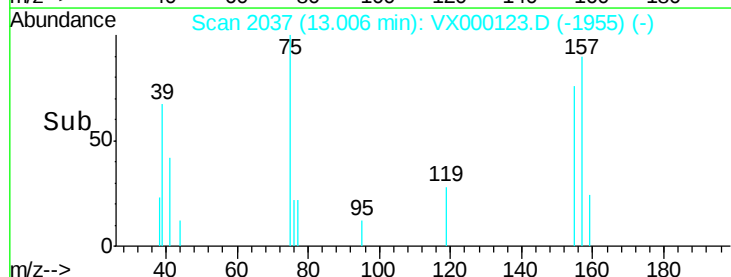
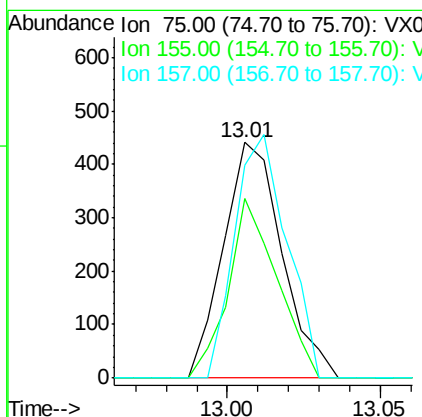
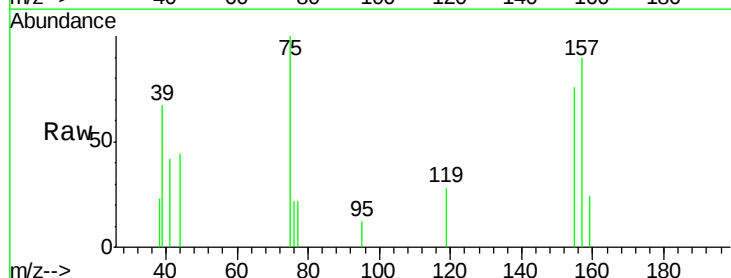
Manual Integrations
 APPROVED

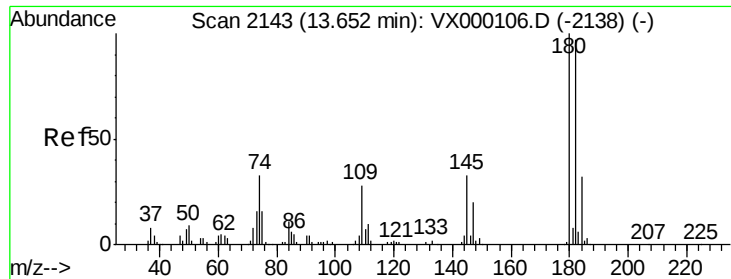
sam
 2/23/2018 5:52:40 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 1.22 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Tgt Ion: 75 Resp: 585
 Ion Ratio Lower Upper
 75 100
 155 62.9 75.1 112.7#
 157 91.6 99.0 148.4#





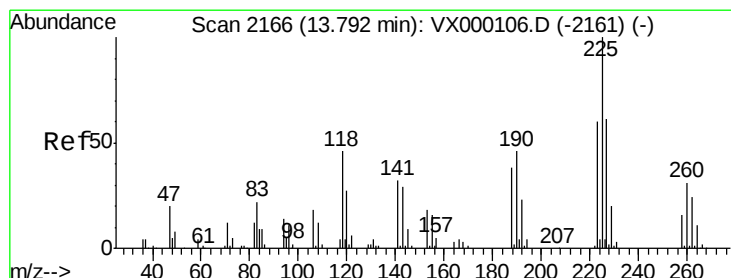
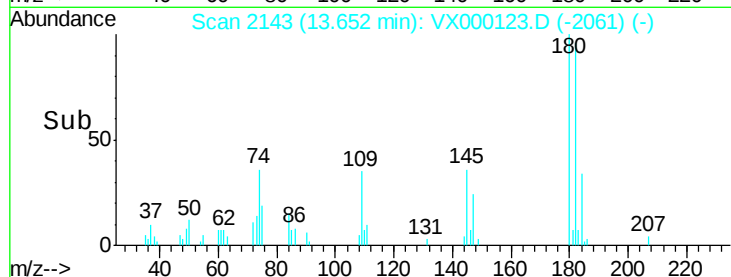
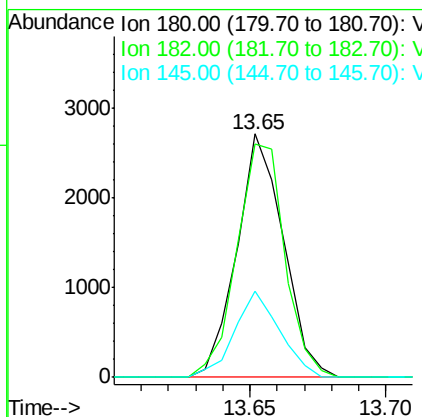
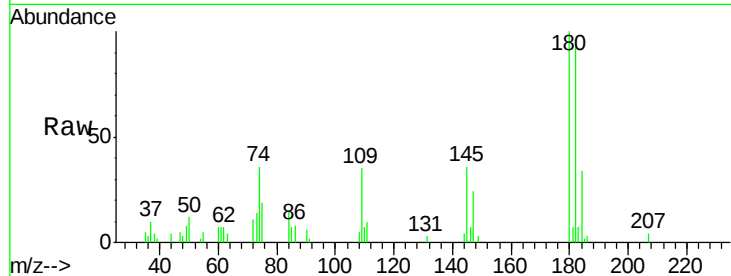
#89
 1,2,4-Trichlorobenzene
 Concen: 1.79 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.3	114.5
145	34.5	24.6	37.0

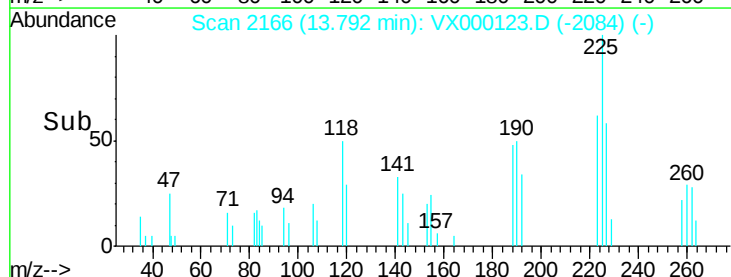
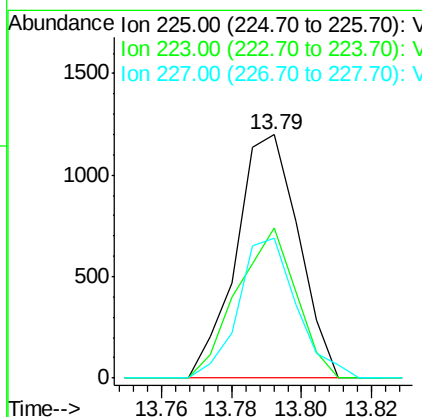
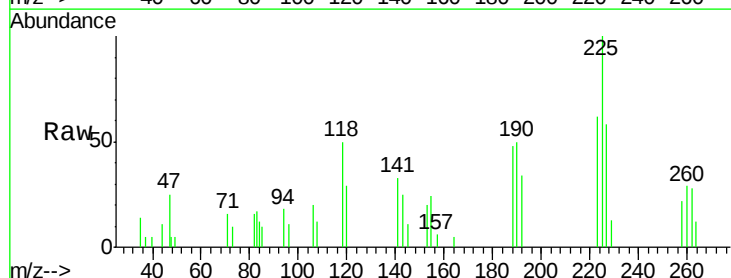
Manual Integrations
 APPROVED

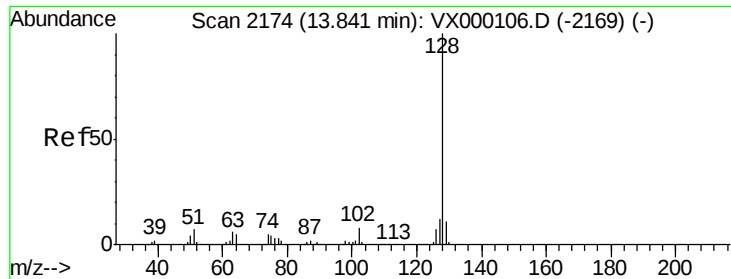
sam
 2/23/2018 5:52:40 PM



#90
 Hexachlorobutadiene
 Concen: 1.91 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000123.D
 Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.3	0.0	131.2
227	54.1	0.0	127.6





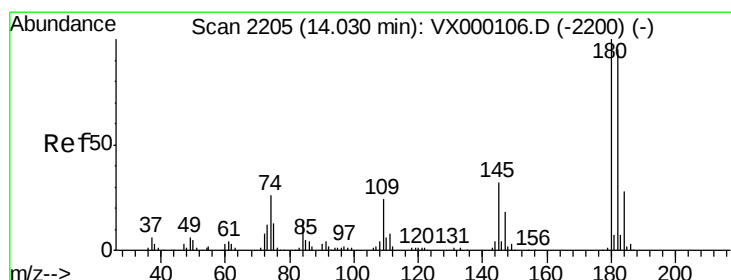
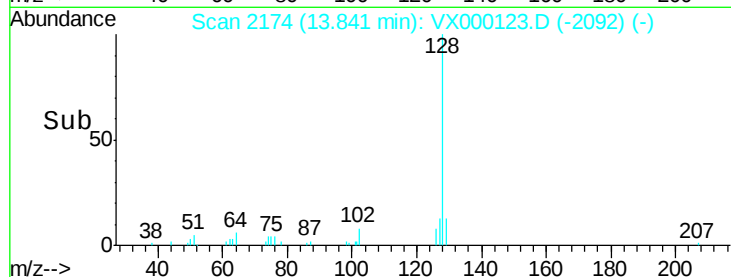
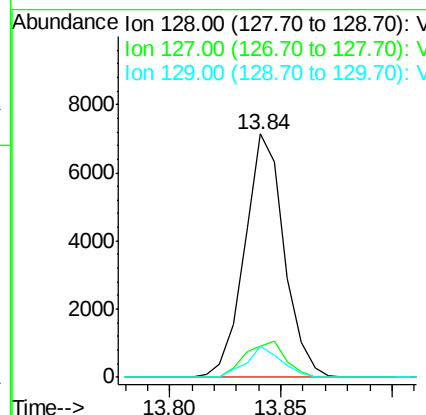
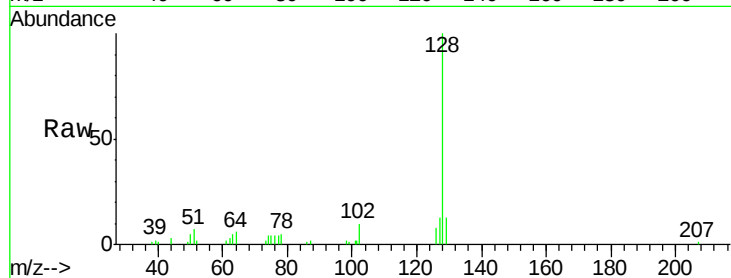
#91
Naphthalene
Concen: 1.40 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.5	15.7
129	11.2	9.0	13.6

Manual Integrations
APPROVED

sam
2/23/2018 5:52:40 PM



#92
1,2,3-Trichlorobenzene
Concen: 1.86 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000123.D
Acq: 21 Feb 2018 18:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	0.0	188.6
145	31.3	0.0	65.8

