

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000083.D
 Acq On : 13 Feb 2018 18:41
 Operator : JC/MD
 Sample : VX0213WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0213WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:28:08 PM

Quant Time: Feb 14 03:03:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	105521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	98541	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	58774	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
35) Dibromofluoromethane	5.52	113	50316	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	8.73	98	184378	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.15	95	75511	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	20198	21.12	ug/l	97
3) Chloromethane	1.32	50	20869	21.43	ug/l	98
4) Vinyl Chloride	1.41	62	23390	21.32	ug/l	99
5) Bromomethane	1.64	94	20072	34.25	ug/l	94
6) Chloroethane	1.73	64	15298	23.19	ug/l	96
7) Trichlorofluoromethane	1.93	101	42197	22.07	ug/l	97
8) Diethyl Ether	2.20	74	14754	21.31	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	22947	21.24	ug/l	99
10) Methyl Iodide	2.51	142	23275	18.84	ug/l	97
11) Tert butyl alcohol	3.07	59	54815	124.25	ug/l	99
12) 1,1-Dichloroethene	2.38	96	21382	20.88	ug/l	95
13) Acrolein	2.30	56	18915	83.53	ug/l	98
14) Allyl chloride	2.73	41	37025	20.76	ug/l	99
15) Acrylonitrile	3.16	53	89544	116.50	ug/l	99
16) Acetone	2.45	43	85790	131.43	ug/l	99
17) Carbon Disulfide	2.57	76	58980	19.77	ug/l	99
18) Methyl Acetate	2.78	43	40918	24.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	76071	21.71	ug/l	97
20) Methylene Chloride	2.87	84	24025	21.98	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	23242	21.09	ug/l	99
22) Diisopropyl ether	3.89	45	61633	20.92	ug/l	95
23) Vinyl Acetate	3.84	43	285367	107.16	ug/l	97
24) 1,1-Dichloroethane	3.71	63	38700	21.13	ug/l	98
25) 2-Butanone	4.72	43	121397	123.23	ug/l	94
26) 2,2-Dichloropropane	4.60	77	32488	20.71	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	22985	21.28	ug/l	97
28) Bromochloromethane	5.03	49	13212	21.76	ug/l	89
29) Tetrahydrofuran	5.18	42	79967	118.46	ug/l	98
30) Chloroform	5.23	83	40211	21.79	ug/l	98
31) Cyclohexane	5.59	56	31405	20.88	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	36920	21.25	ug/l	98
36) 1,1-Dichloropropene	5.81	75	29659	19.53	ug/l	97
37) Ethyl Acetate	4.88	43	41044	20.93	ug/l	98
38) Carbon Tetrachloride	5.79	117	32524	19.08	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	35700	19.37	ug/l	98
40) Benzene	6.16	78	86829	20.23	ug/l	96
41) Methacrylonitrile	5.07	41	21612	21.46	ug/l	98
42) 1,2-Dichloroethane	6.21	62	32763	21.37	ug/l	98
43) Isopropyl Acetate	6.48	43	60715	20.54	ug/l	99
44) Trichloroethene	7.23	130	25097	18.90	ug/l	95
45) 1,2-Dichloropropane	7.52	63	21595	20.70	ug/l	98
46) Dibromomethane	7.67	93	16436	20.41	ug/l	96
47) Bromodichloromethane	7.91	83	31382	20.04	ug/l	98
48) Methyl methacrylate	7.79	41	29368	20.24	ug/l	97
49) 1,4-Dioxane	7.77	88	16794	434.47	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	230056	111.68	ug/l	95
52) Toluene	8.79	92	58598	20.33	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	36570	19.96	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	36725	20.63	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	24509	20.27	ug/l	96
56) Ethyl methacrylate	9.19	69	37437	20.19	ug/l	95
57) 1,3-Dichloropropane	9.38	76	39792	21.16	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	95819	104.61	ug/l	98
59) 2-Hexanone	9.51	43	192691	115.01	ug/l	98
60) Dibromochloromethane	9.59	129	27540	19.81	ug/l	100
61) 1,2-Dibromoethane	9.68	107	27385	20.57	ug/l	98
64) Tetrachloroethene	9.34	164	23016	18.16	ug/l	91
65) Chlorobenzene	10.15	112	70198	19.84	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	25362	19.93	ug/l	99
67) Ethyl Benzene	10.26	91	117305	20.00	ug/l	99
68) m/p-Xylenes	10.37	106	92626	39.65	ug/l	98
69) o-Xylene	10.71	106	44574	19.77	ug/l	99
70) Styrene	10.72	104	74440	19.54	ug/l	98
71) Bromoform	10.87	173	22843	18.98	ug/l #	100
73) Isopropylbenzene	11.02	105	120973	19.35	ug/l	100
74) N-amyl acetate	6.48	43	60715	19.40	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	42022	19.76	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	38321m	20.65	ug/l	
77) Bromobenzene	11.26	156	32364	19.08	ug/l	97
78) n-propylbenzene	11.37	91	140673	19.40	ug/l	99
79) 2-Chlorotoluene	11.43	91	80442	19.19	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	101749	19.42	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	13758	18.34	ug/l	90
82) 4-Chlorotoluene	11.52	91	97437	19.45	ug/l	99
83) tert-Butylbenzene	11.78	119	104805	19.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	105235	19.63	ug/l	98
85) sec-Butylbenzene	11.96	105	126698	19.46	ug/l	100
86) p-Isopropyltoluene	12.07	119	113172	19.33	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	62440	19.53	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	63189	19.32	ug/l	99
89) n-Butylbenzene	12.40	91	106078	19.39	ug/l	98
90) Hexachloroethane	12.60	117	19269	18.82	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	60897	19.47	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12511	20.54	ug/l	94

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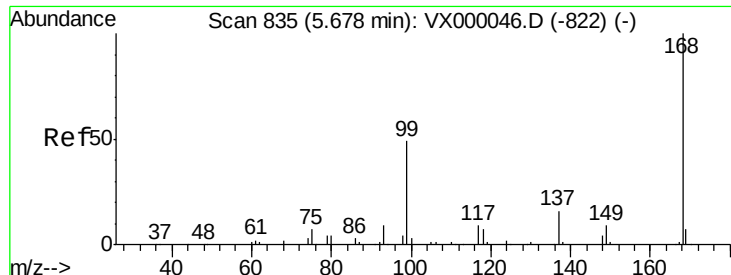
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44573	18.63	ug/l	99
94) Hexachlorobutadiene	13.79	225	20409	18.09	ug/l	98
95) Naphthalene	13.84	128	158583	20.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	44372	19.06	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

Tot Ion:168 Resp: 105521

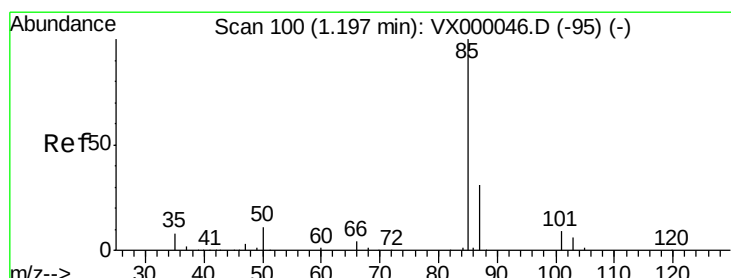
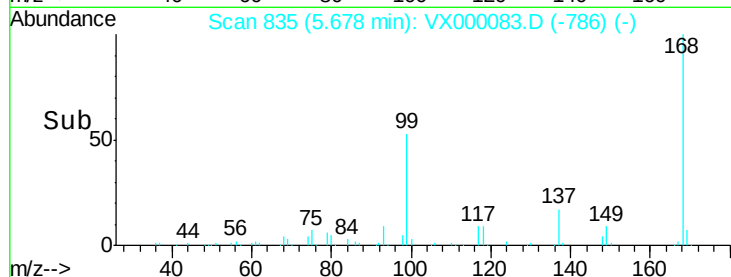
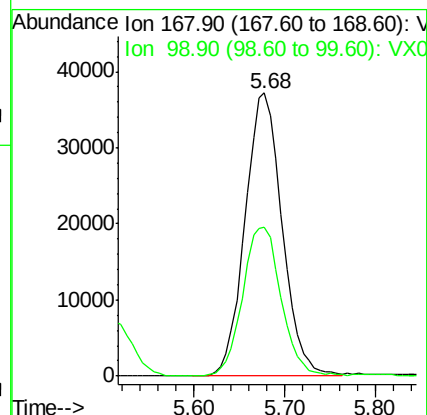
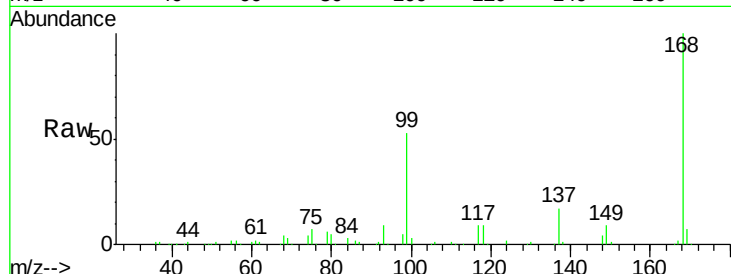
Ion Ratio Lower Upper

168 100

99 52.7 39.4 59.2

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#2

Dichlorodifluoromethane

Concen: 21.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000083.D

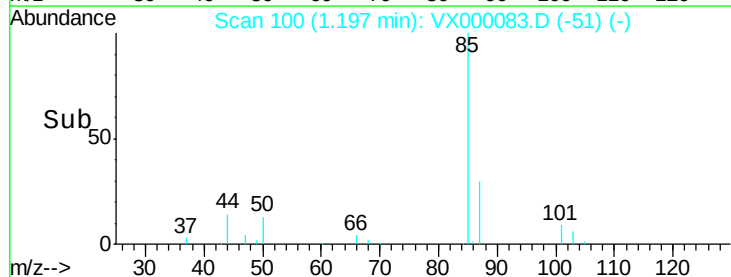
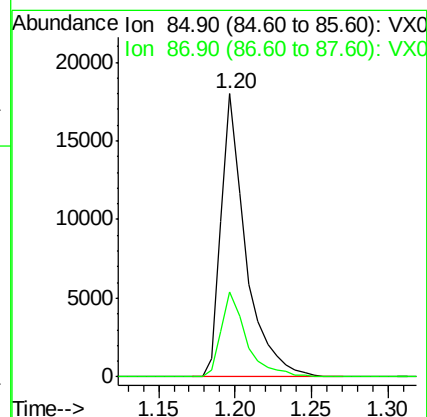
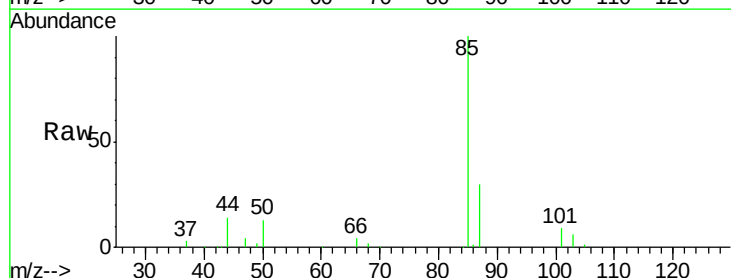
Acq: 13 Feb 2018 18:41

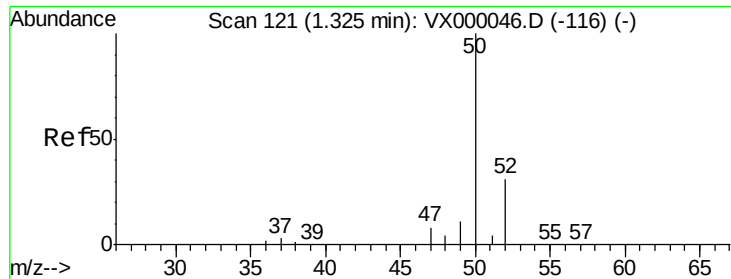
Tgt Ion: 85 Resp: 20198

Ion Ratio Lower Upper

85 100

87 29.9 15.7 47.0





#3

Chloromethane

Concen: 21.43 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

Tot Ion: 50 Resp: 20869

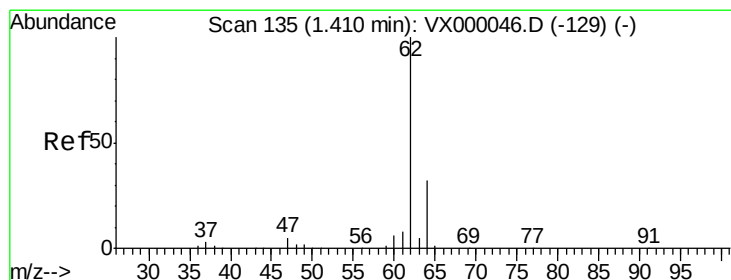
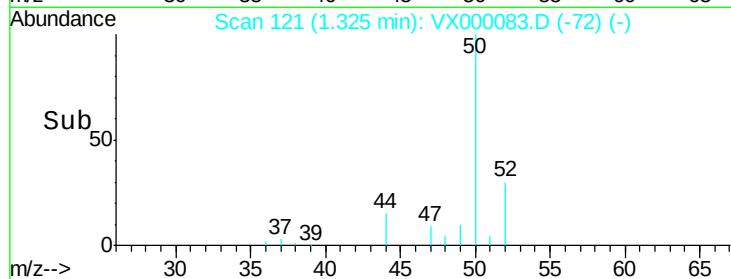
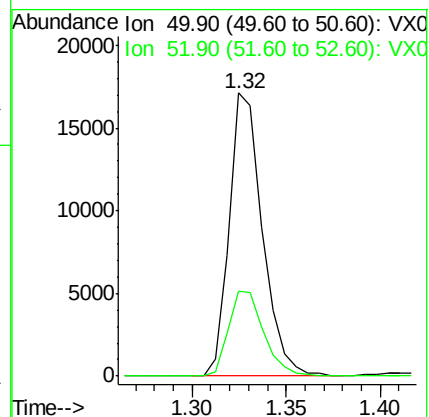
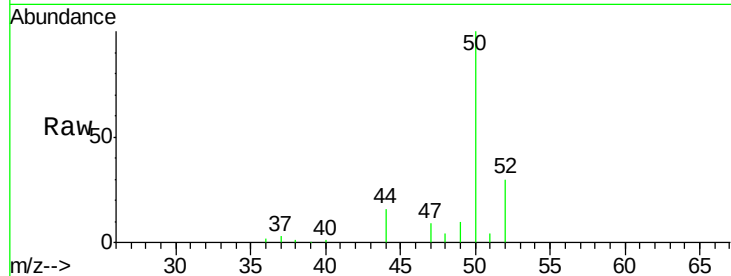
Ion Ratio Lower Upper

50 100

52 30.1 25.0 37.6

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#4

Vinyl Chloride

Concen: 21.32 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000083.D

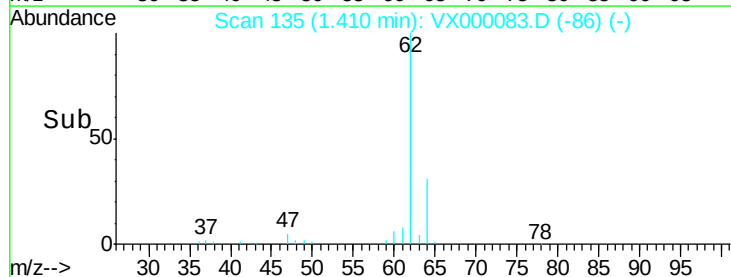
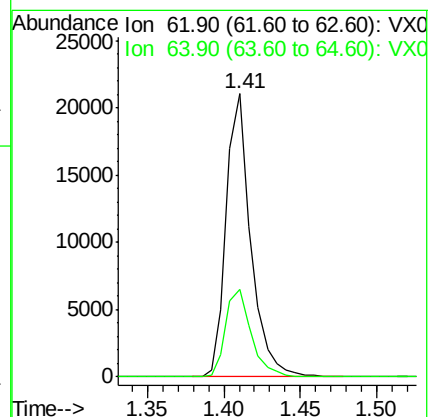
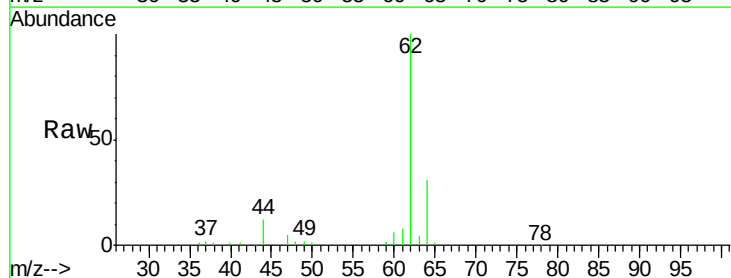
Acq: 13 Feb 2018 18:41

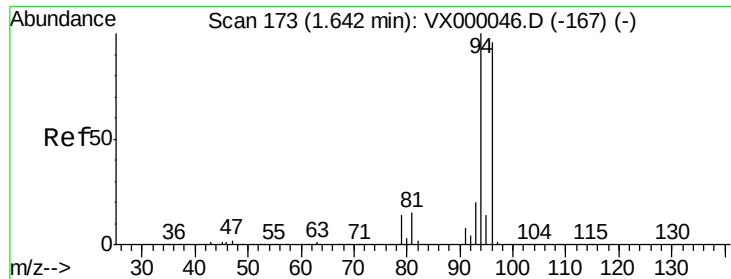
Tgt Ion: 62 Resp: 23390

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.0





#5

Bromomethane

Concen: 34.25 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

Tot Ion: 94 Resp: 20072

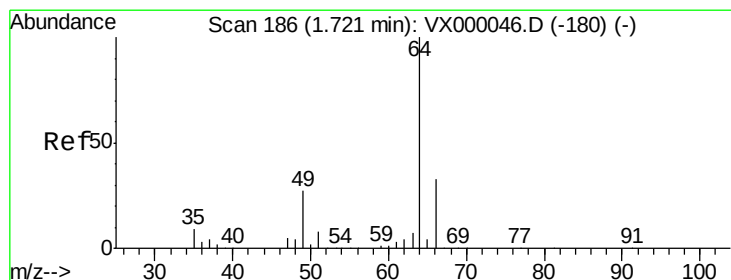
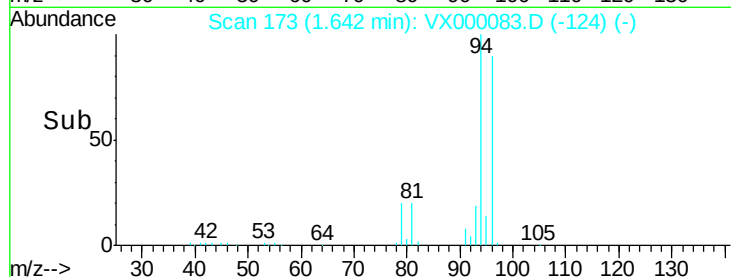
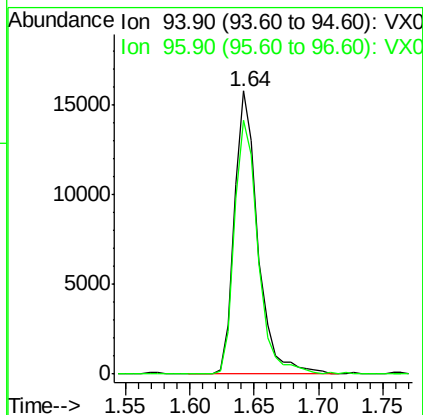
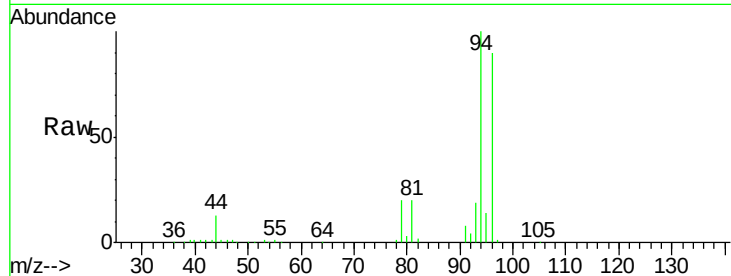
Ion Ratio Lower Upper

94 100

96 89.7 76.7 115.1

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#6

Chloroethane

Concen: 23.19 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000083.D

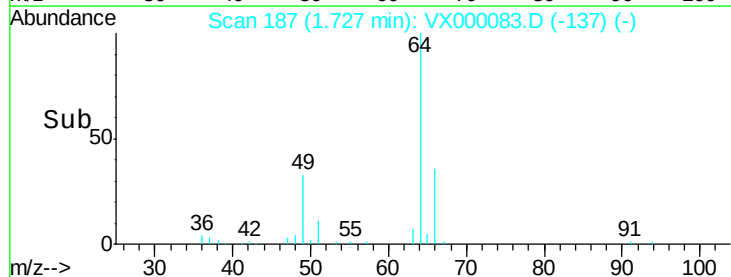
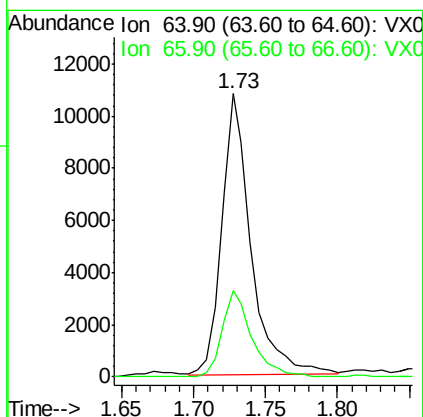
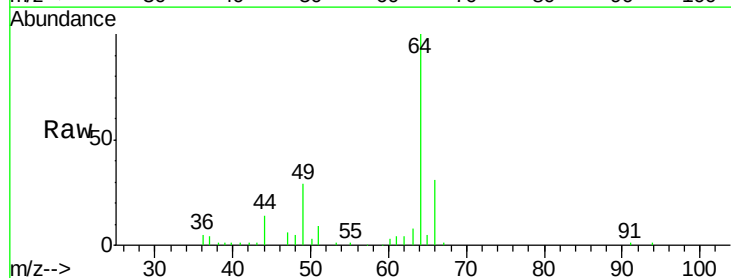
Acq: 13 Feb 2018 18:41

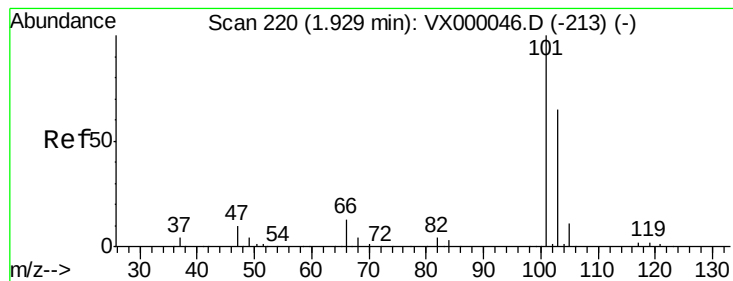
Tgt Ion: 64 Resp: 15298

Ion Ratio Lower Upper

64 100

66 30.9 26.4 39.6





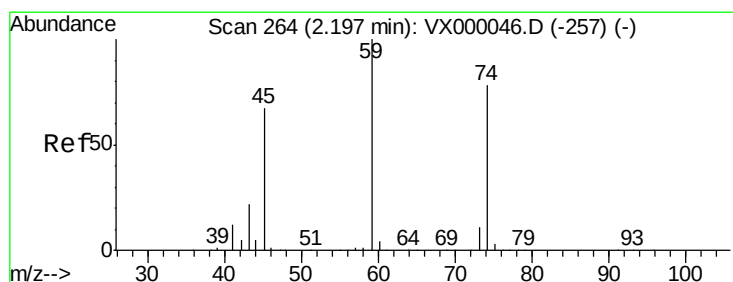
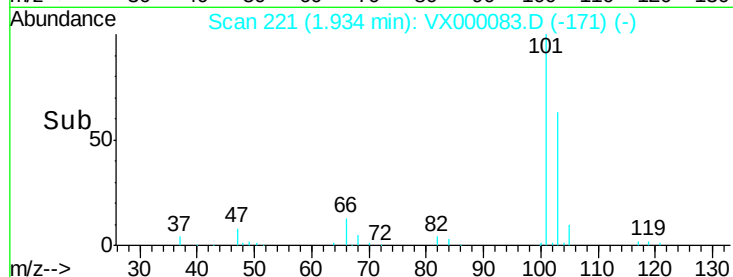
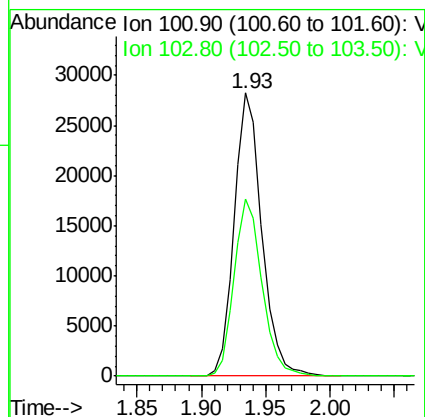
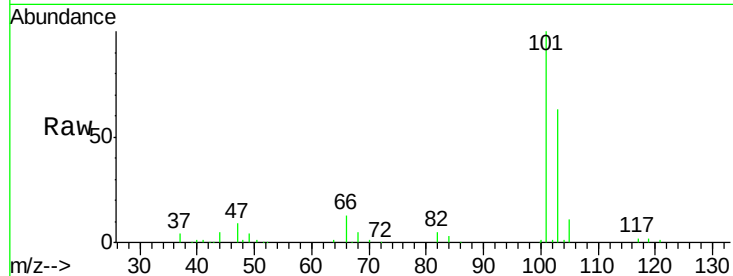
#7
 Trichlorofluoromethane
 Concen: 22.07 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampled :
 VX0213WBSD01

Tot Ion:101 Resp: 42197
 Ion Ratio Lower Upper
 101 100
 103 62.7 52.3 78.5

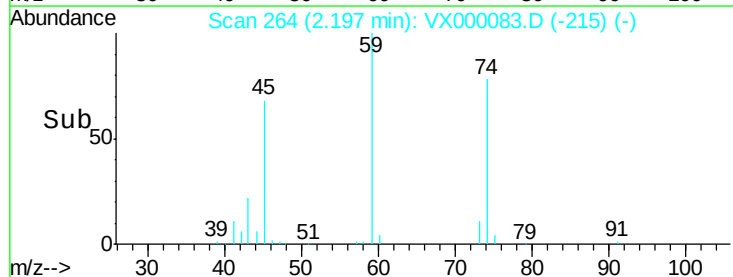
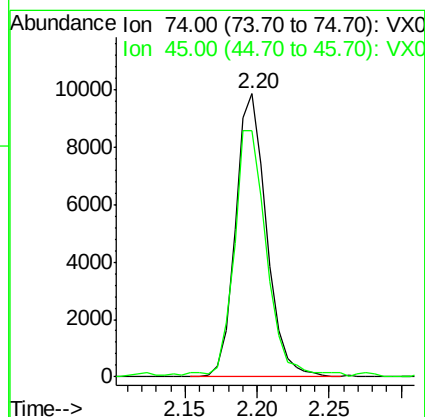
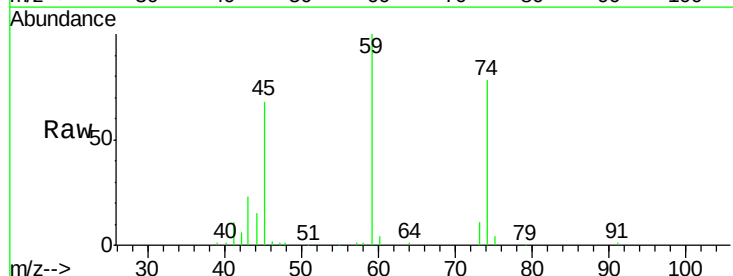
Manual Integrations
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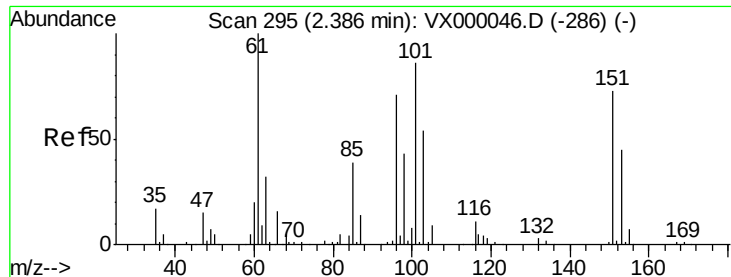
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#8
 Diethyl Ether
 Concen: 21.31 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion: 74 Resp: 14754
 Ion Ratio Lower Upper
 74 100
 45 92.6 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.24 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

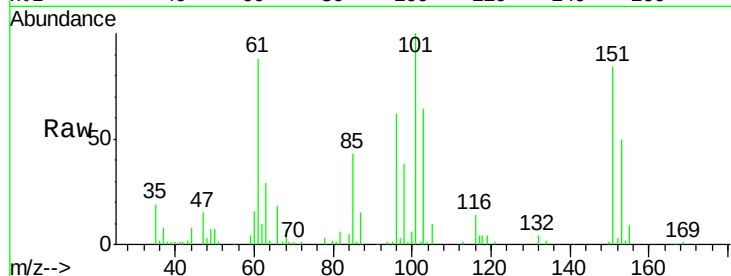
ClientSampleId :

VX0213WBSD01

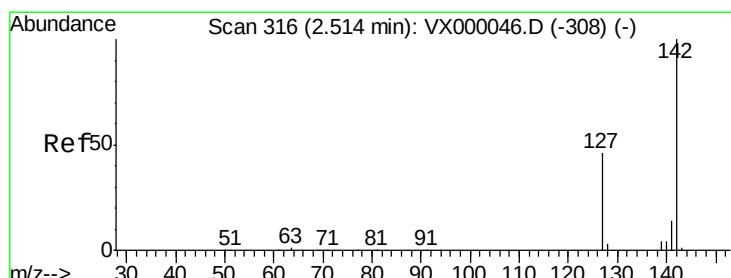
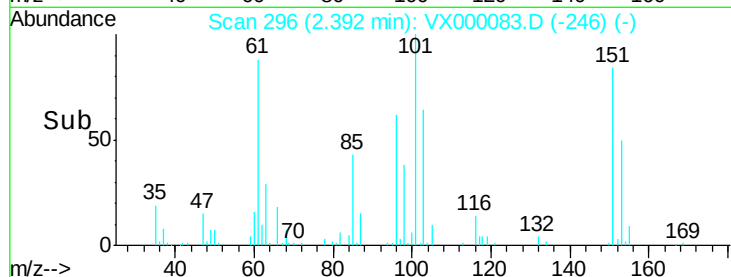
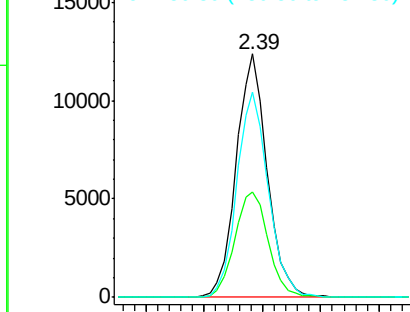
Tot Ion:	101	Resp:	22947
Ion Ratio	Lower	Upper	
101	100		
85	46.8	36.6	54.8
151	85.5	68.8	103.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.84 ug/l

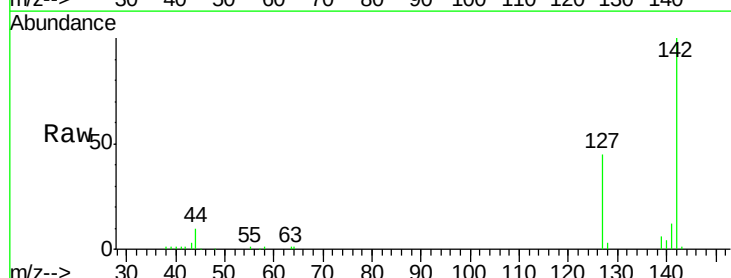
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

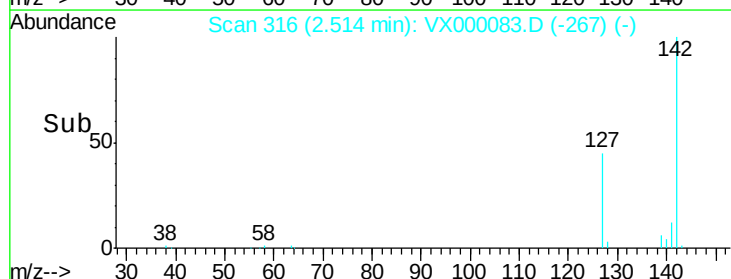
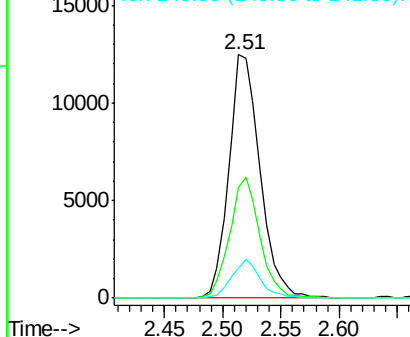
Lab File: VX000083.D

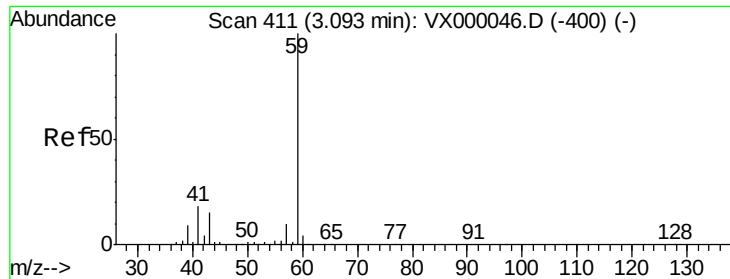
Acq: 13 Feb 2018 18:41

Tgt Ion:	142	Resp:	23275
Ion Ratio	Lower	Upper	
142	100		
127	48.1	36.8	55.2
141	14.6	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

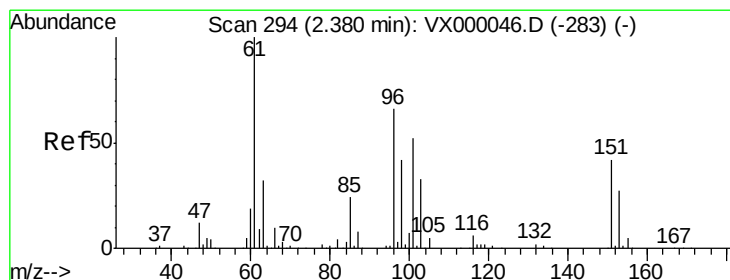
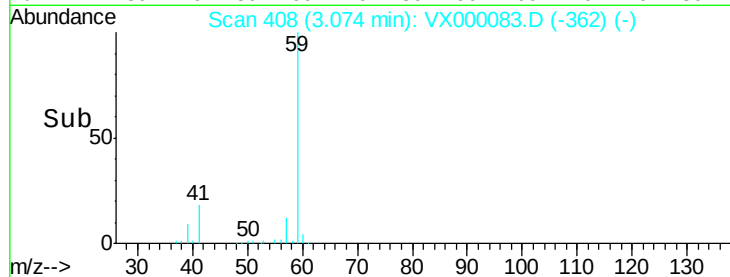
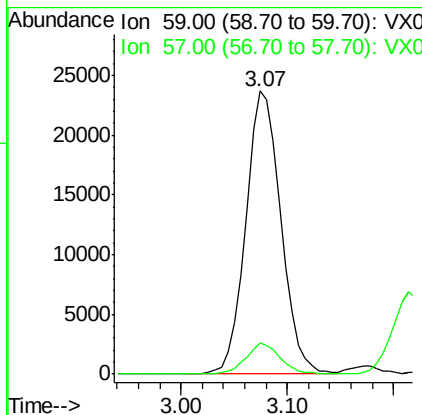
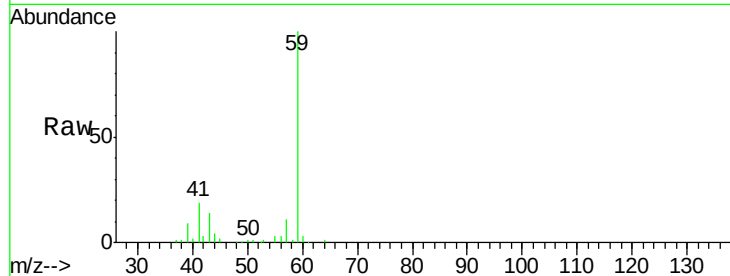
Tert butyl alcohol
Concen: 124.25 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.02 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

Manual Integrations
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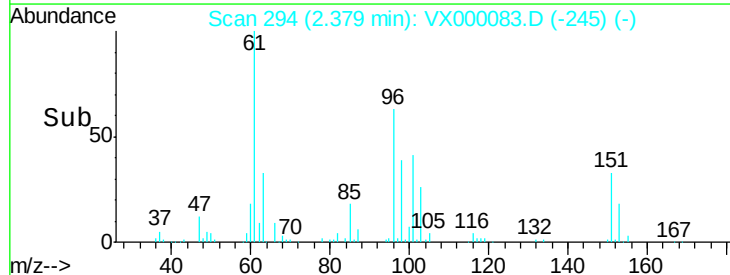
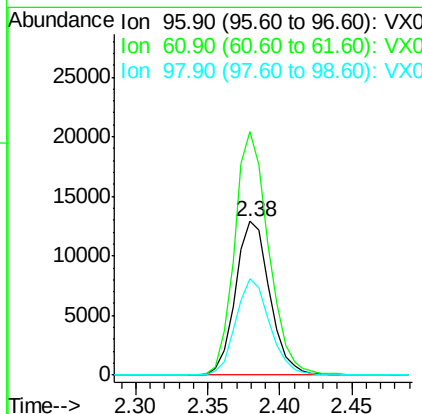
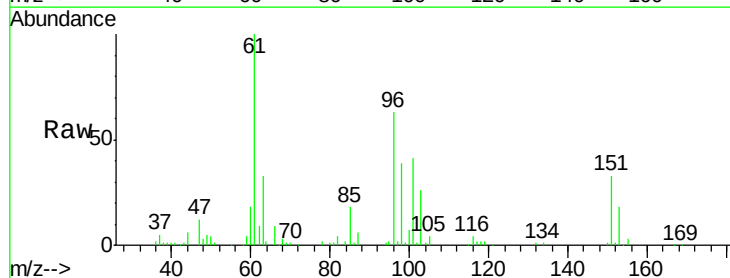
MMDadoda
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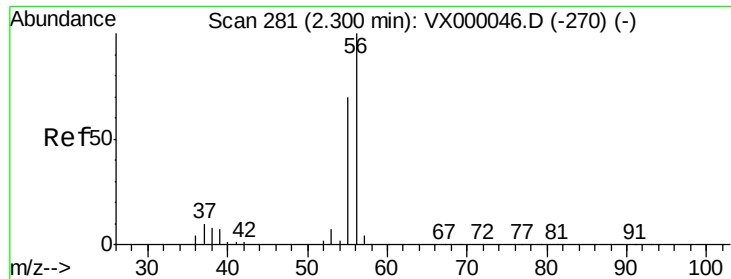


#12

1,1-Dichloroethene
Concen: 20.88 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.2	120.3	180.5
98	62.3	51.0	76.4





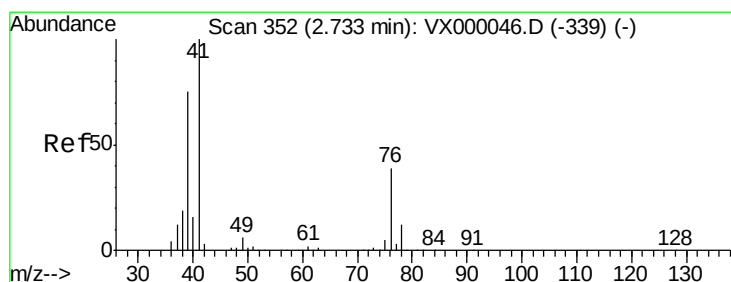
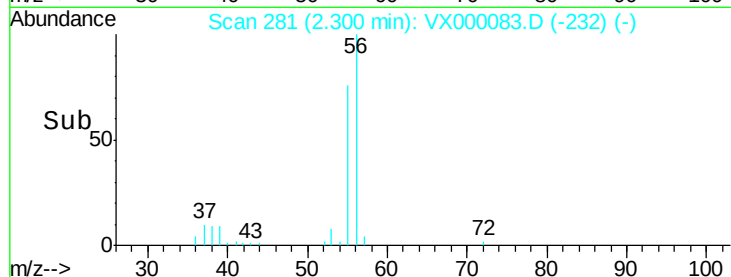
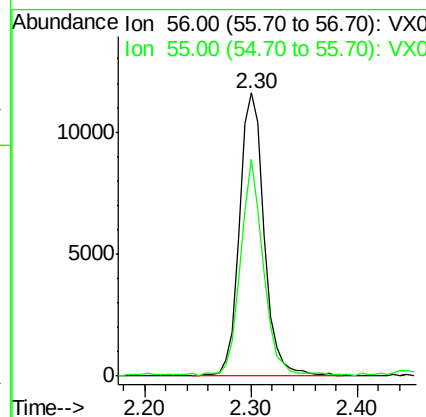
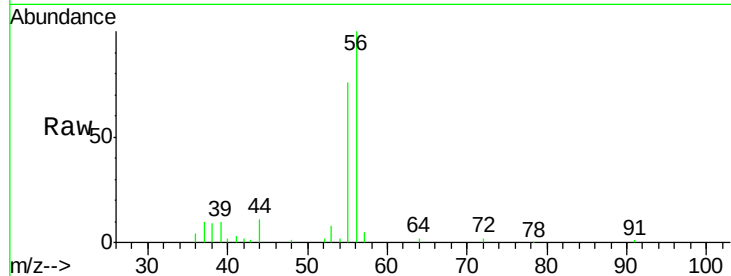
#13
Acrolein
Concen: 83.53 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tot Ion	56	55	Ratio	100	72.4	Resp	18915	Lower	56.4	Upper	84.6
Ion											

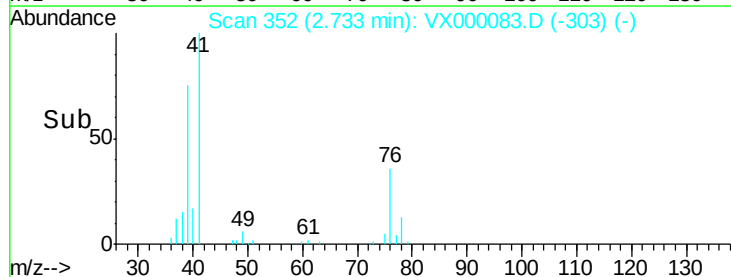
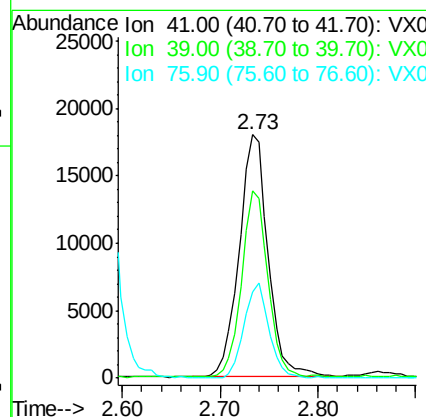
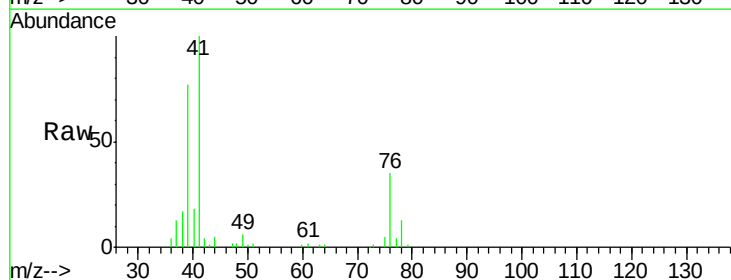
Manual Integrations
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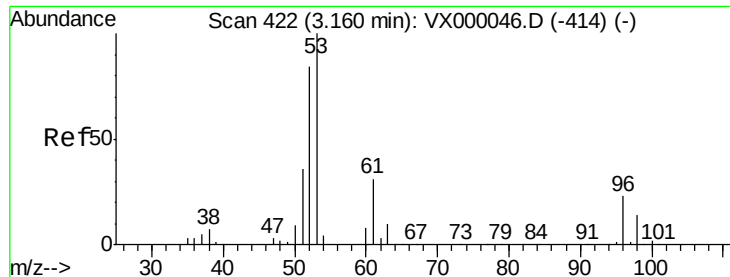
MMDadoda
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#14
Allyl chloride
Concen: 20.76 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	41	39	76	Ratio	100	69.6	34.2	Resp	37025	Lower	55.8	Upper	83.6	43.1
Ion														





#15

Acrylonitrile

Concen: 116.50 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

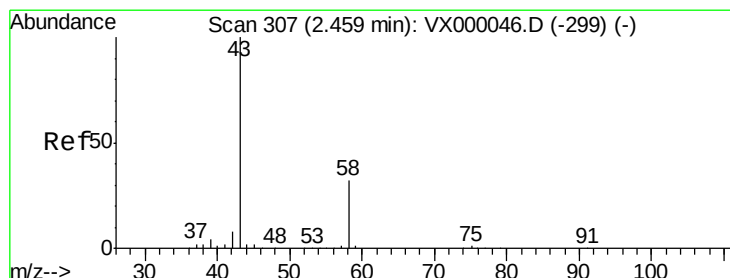
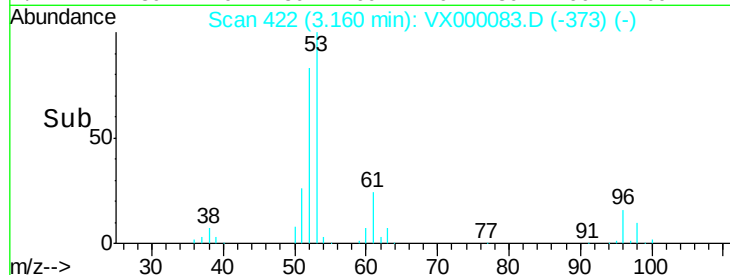
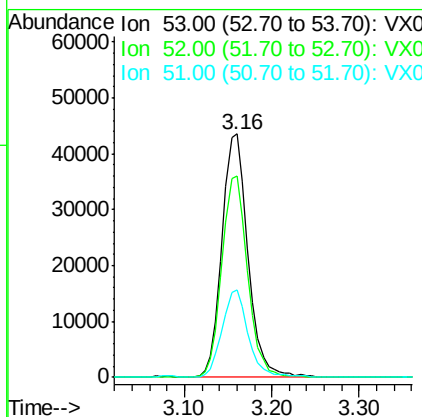
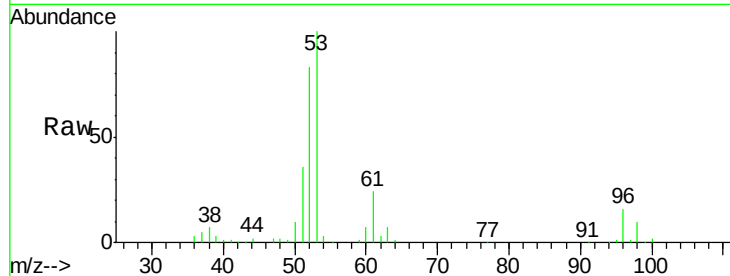
ClientSampled :

VX0213WBSD01

Tot Ion:	53	Resp:	89544
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.5	99.7
51	36.5	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 131.43 ug/l

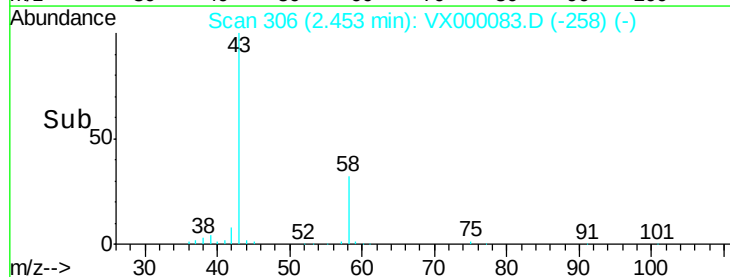
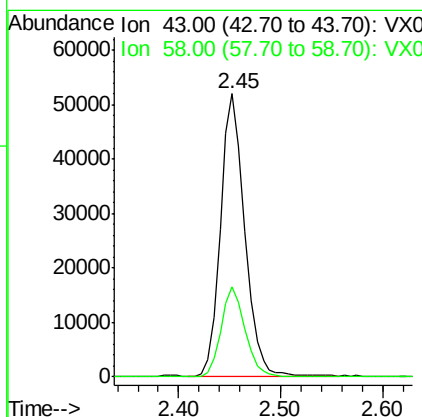
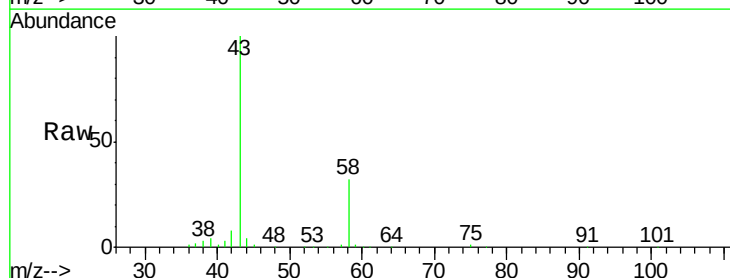
RT: 2.45 min Scan# 306

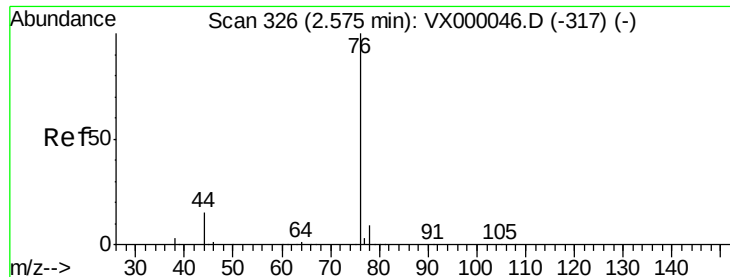
Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion:	43	Resp:	85790
Ion Ratio	Lower	Upper	
43	100		
58	31.9	25.9	38.9





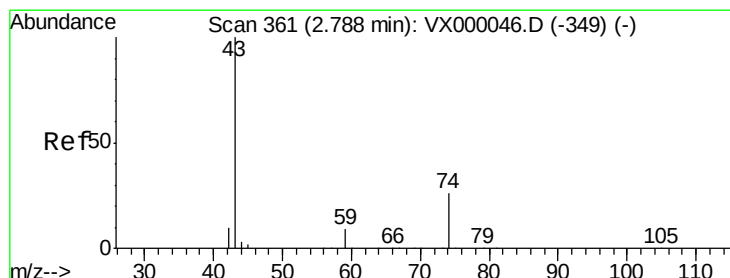
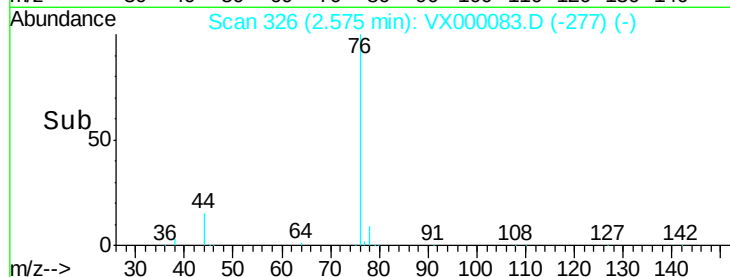
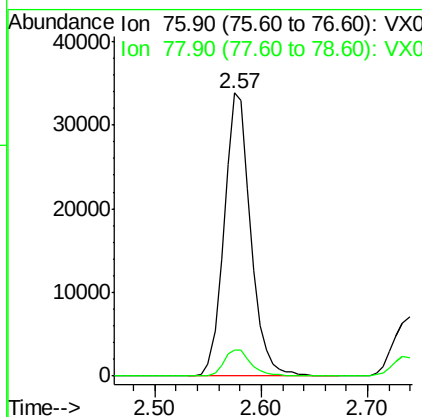
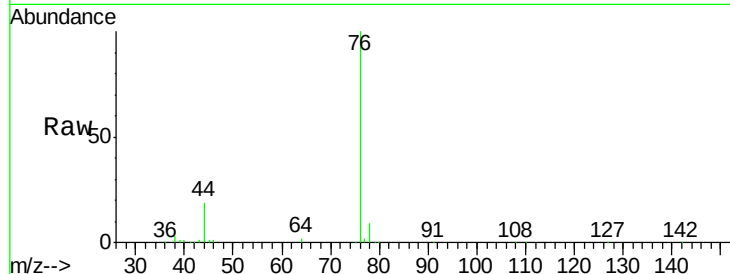
#17
Carbon Disulfide
Concen: 19.77 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

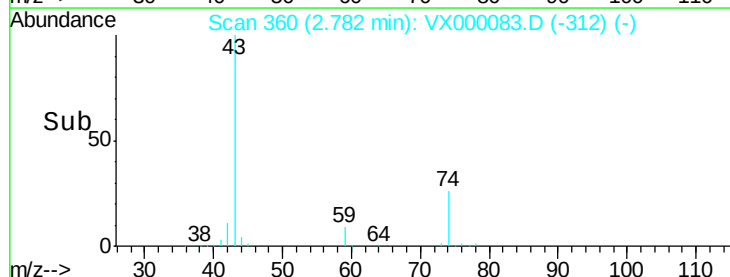
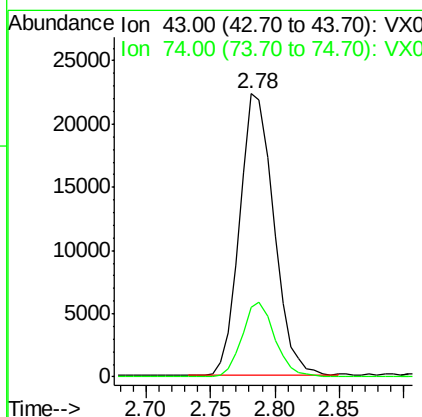
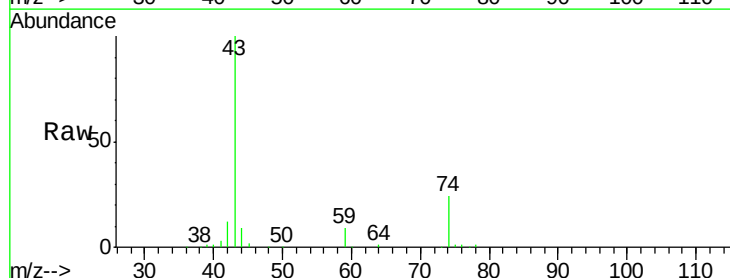
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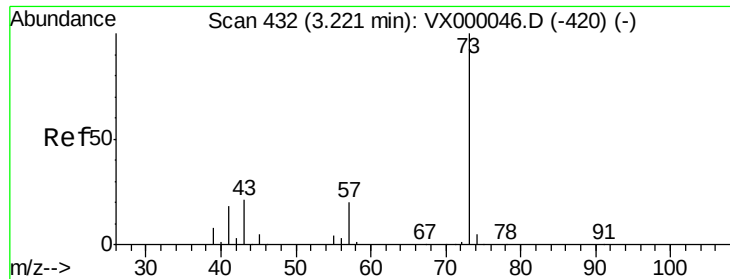
MMDadoda
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#18
Methyl Acetate
Concen: 24.86 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	20.2	30.4





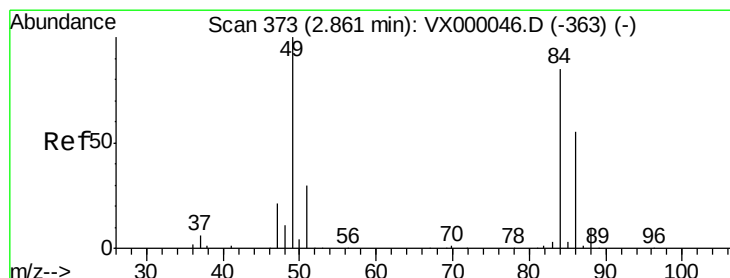
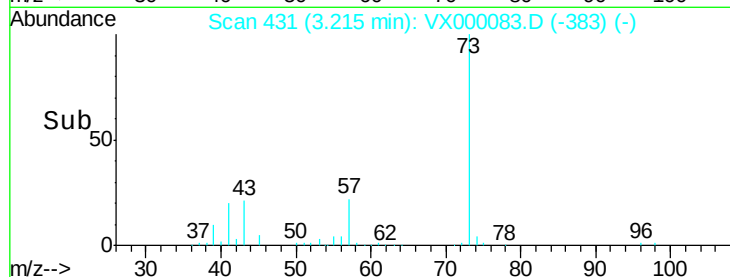
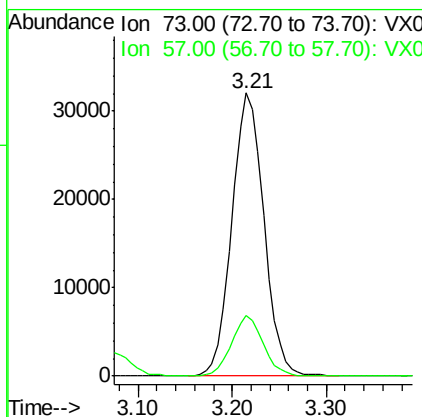
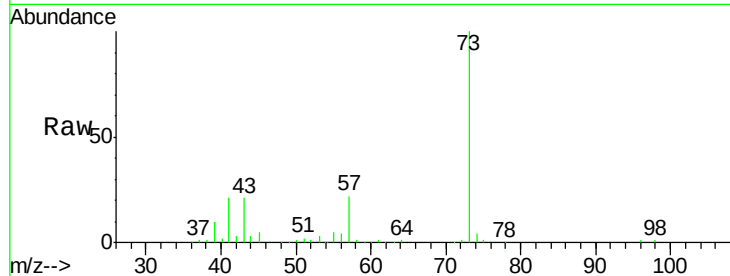
#19
Methyl tert-butyl Ether
Concen: 21.71 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tot Ion: 73 Resp: 76071
Ion Ratio Lower Upper
73 100
57 21.5 16.2 24.4

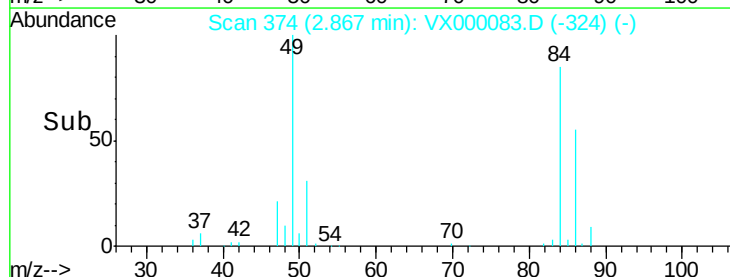
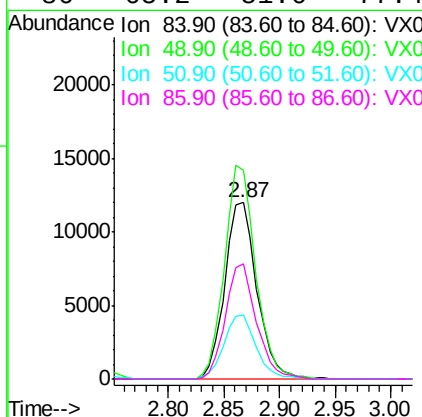
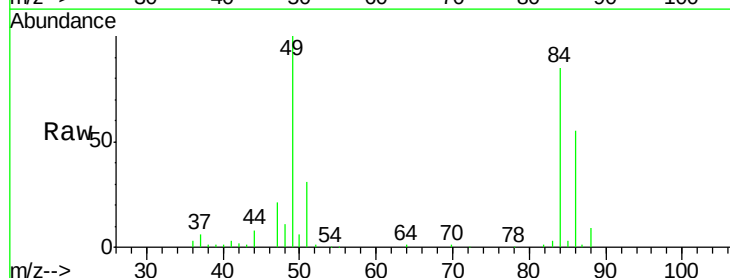
Manual Integrations
APPROVED

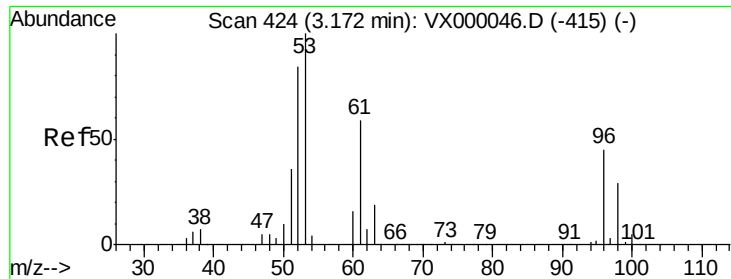
MMDadoda
2/16/2018 2:28:08 PM



#20
Methylene Chloride
Concen: 21.98 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion: 84 Resp: 24025
Ion Ratio Lower Upper
84 100
49 117.9 94.4 141.6
51 36.4 28.3 42.5
86 65.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 21.09 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

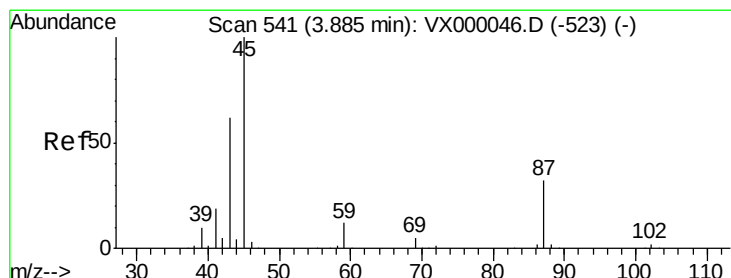
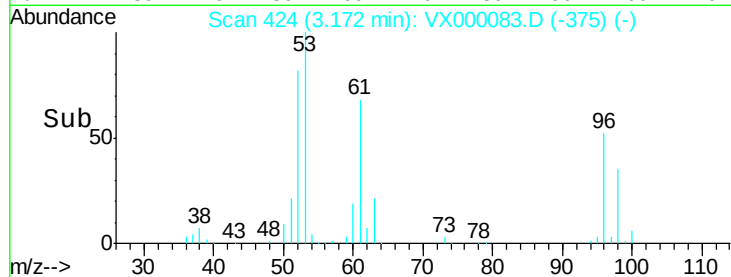
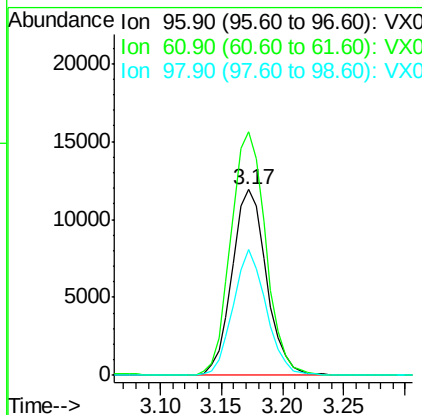
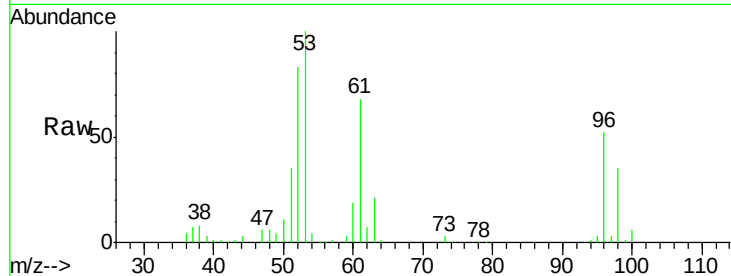
ClientSampled :

VX0213WBSD01

Tot Ion:	96	Resp:	23242
Ion	Ratio	Lower	Upper
96	100		
61	131.2	104.9	157.3
98	67.5	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.92 ug/l

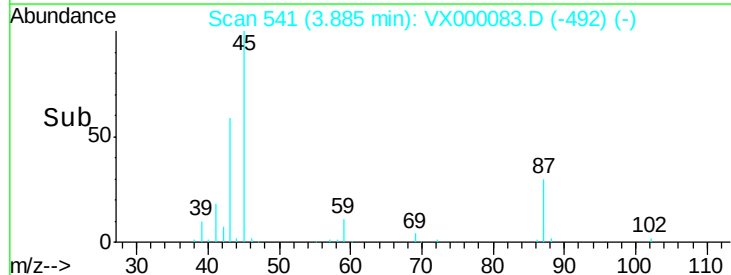
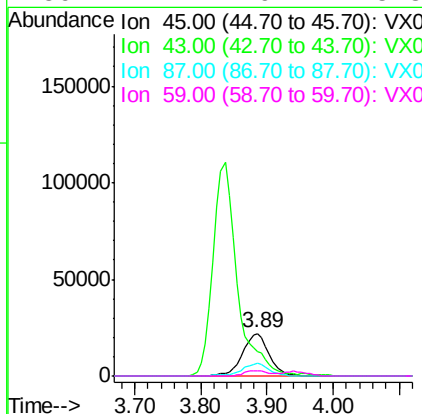
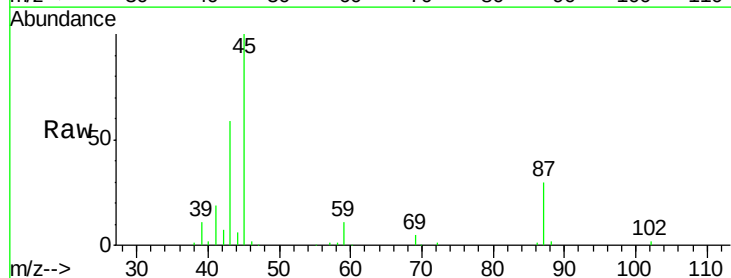
RT: 3.89 min Scan# 541

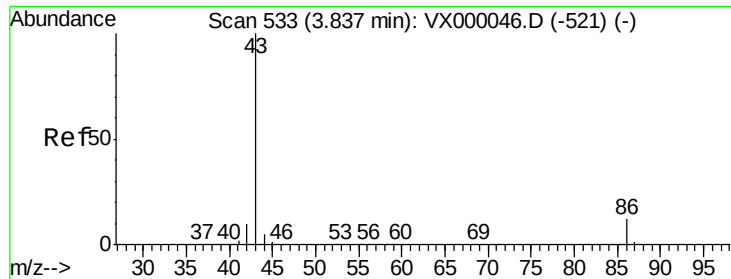
Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion:	45	Resp:	61633
Ion	Ratio	Lower	Upper
45	100		
43	57.7	49.6	74.4
87	29.9	25.9	38.9
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 107.16 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

Tot Ion: 43 Resp: 285367

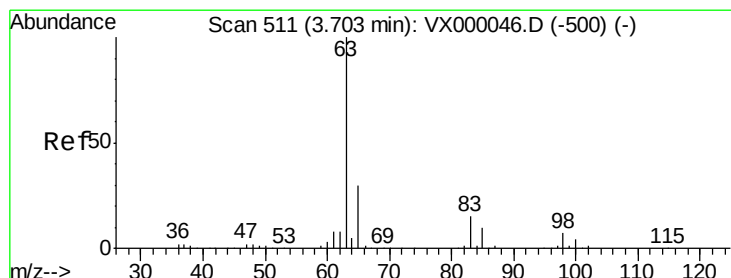
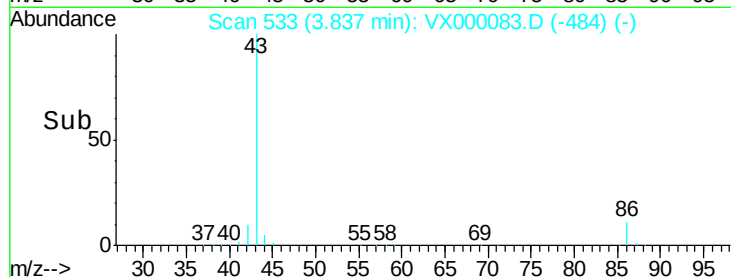
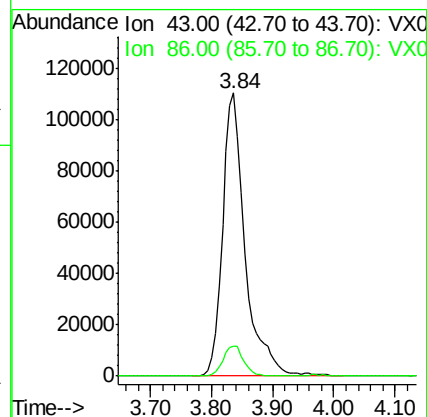
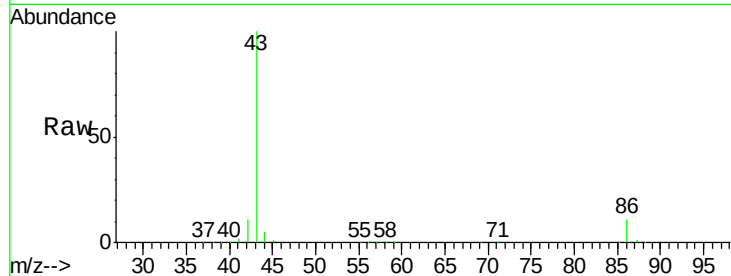
Ion Ratio Lower Upper

43 100

86 10.6 9.3 13.9

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 21.13 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

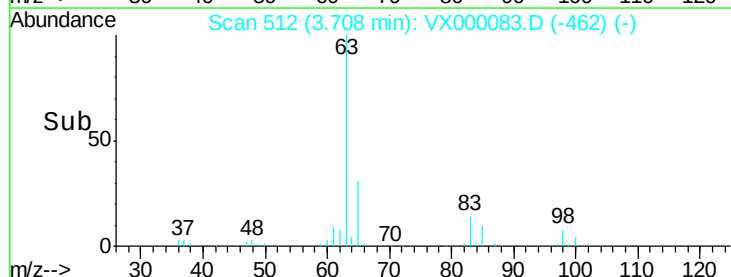
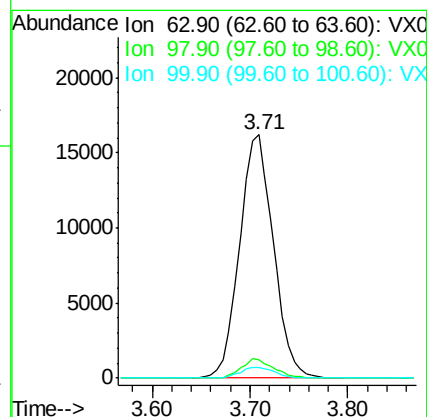
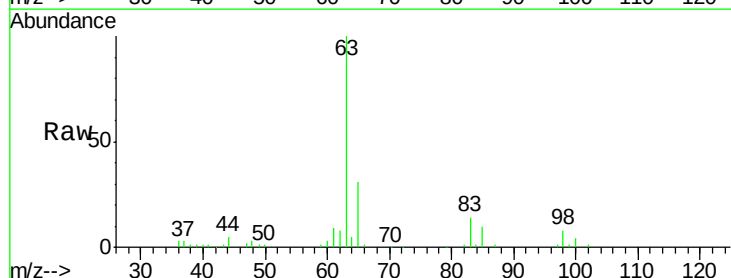
Tgt Ion: 63 Resp: 38700

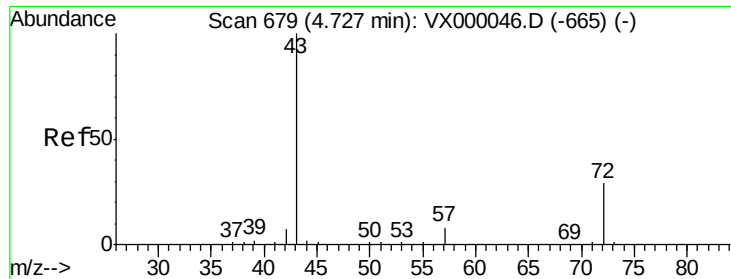
Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.9

100 4.3 2.1 6.2





#25

2-Butanone

Concen: 123.23 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

Tot Ion: 43 Resp: 121397

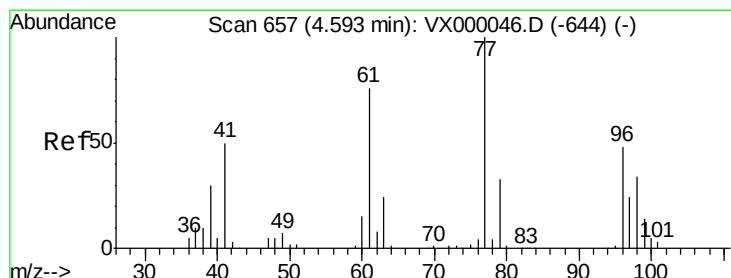
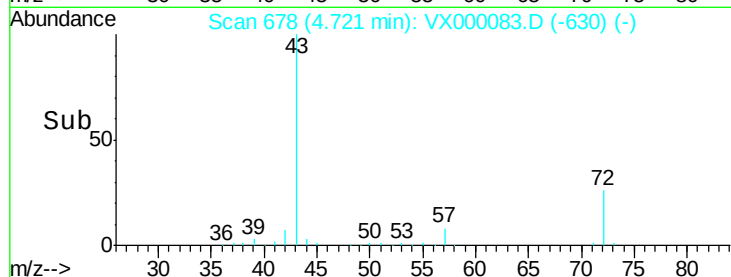
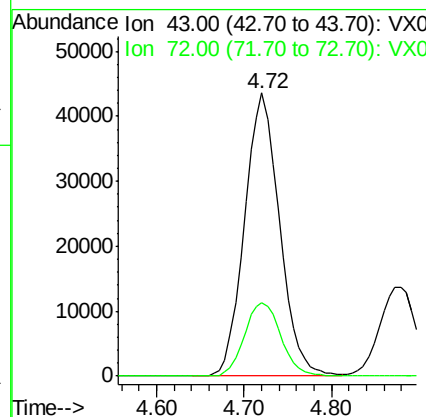
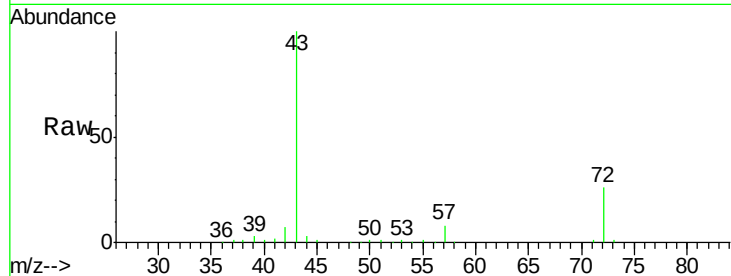
Ion Ratio Lower Upper

43 100

72 25.8 23.0 34.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.71 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000083.D

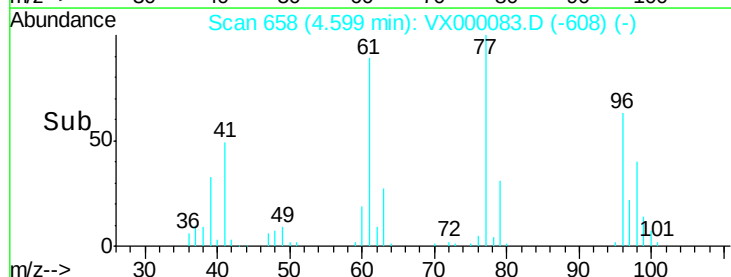
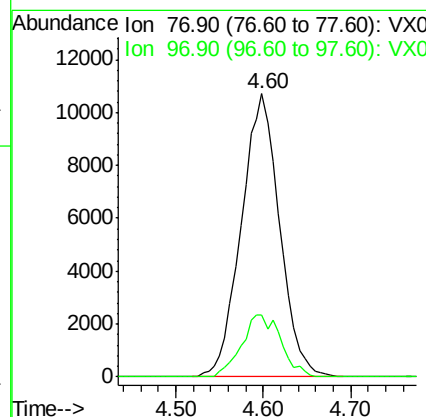
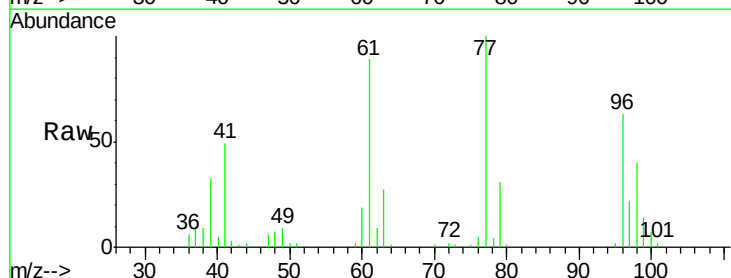
Acq: 13 Feb 2018 18:41

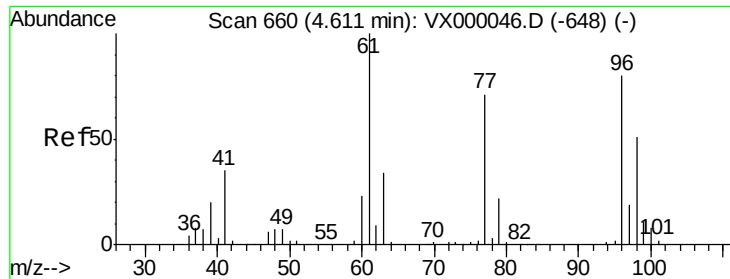
Tgt Ion: 77 Resp: 32488

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.4





#27

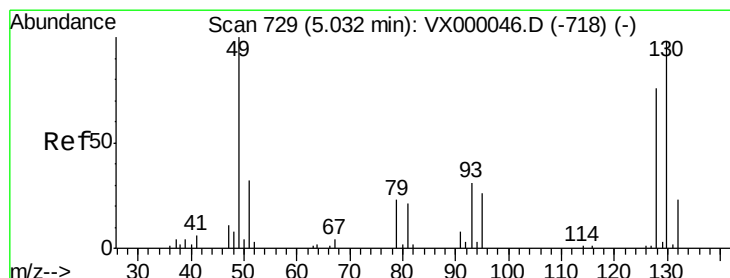
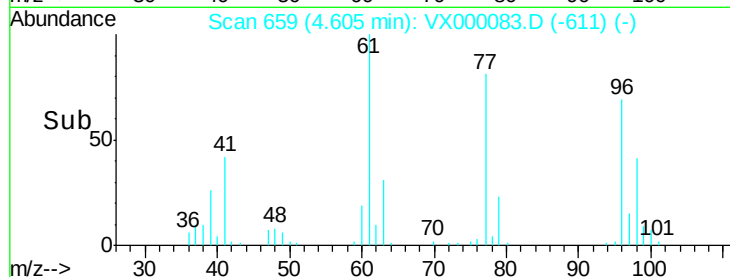
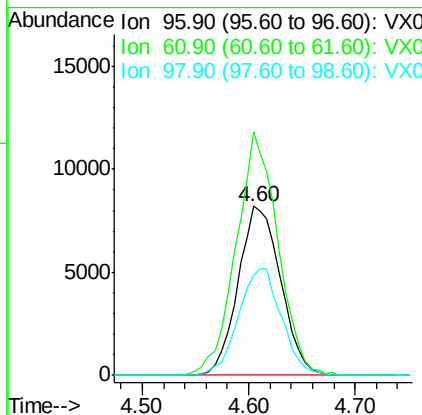
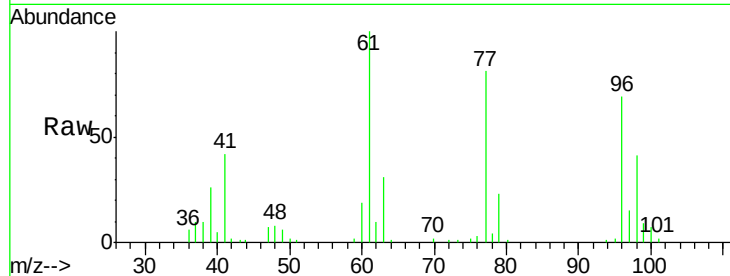
cis-1,2-Dichloroethene
Concen: 21.28 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	22985		
61	141.2		0.0	274.4
98	63.6		0.0	132.4

Manual Integrations
APPROVED

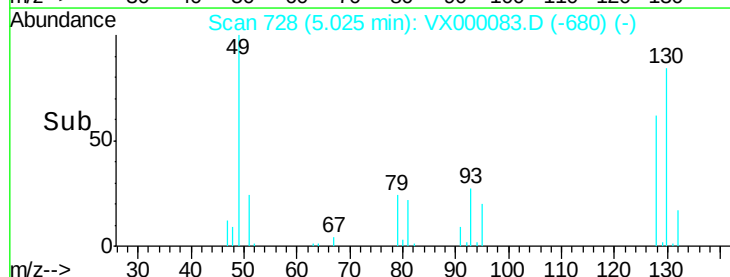
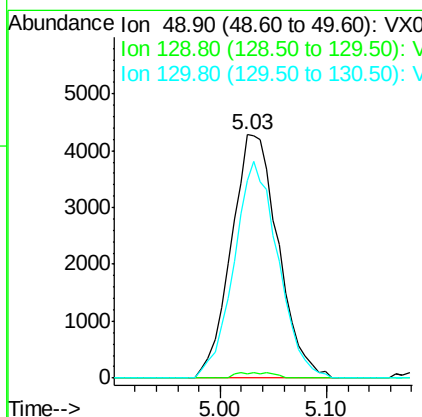
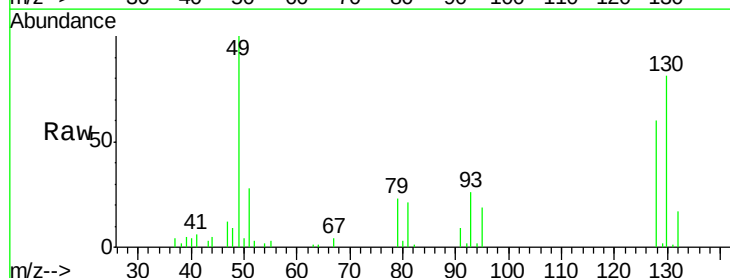
MMDadoda
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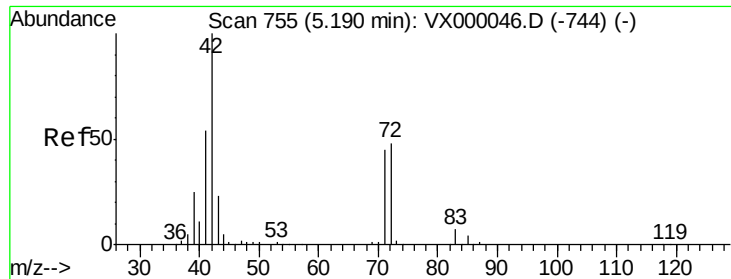


#28

Bromochloromethane
Concen: 21.76 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	13212		
129	0.7		0.0	5.0
130	83.8		75.6	113.4





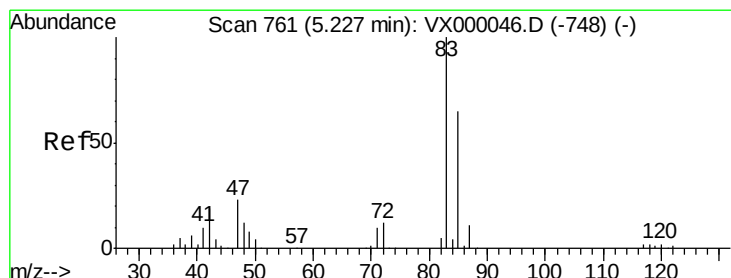
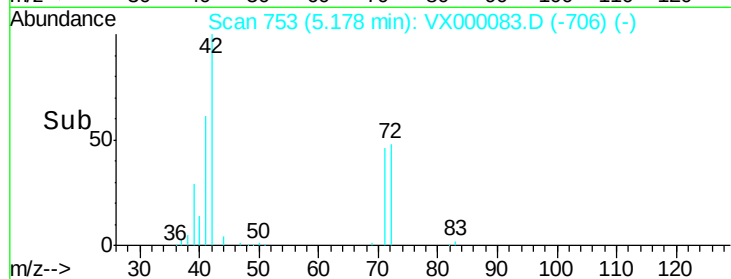
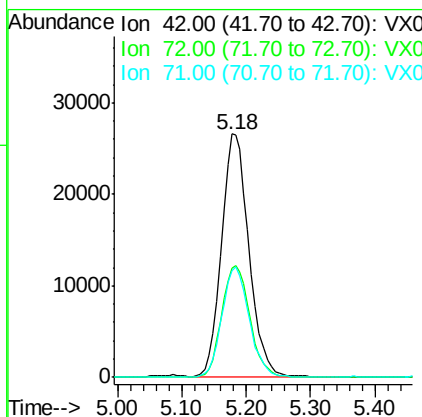
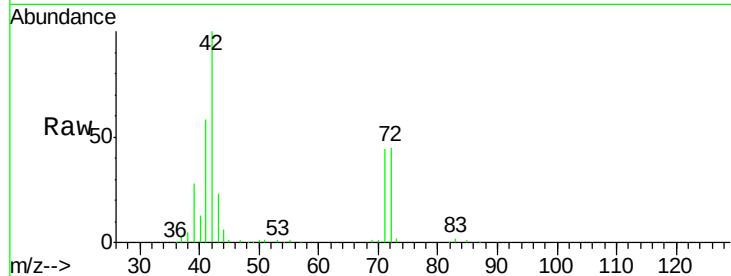
#29
Tetrahydrofuran
Concen: 118.46 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
Client Sampled :
VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	39.0	58.6
71	45.0	36.7	55.1

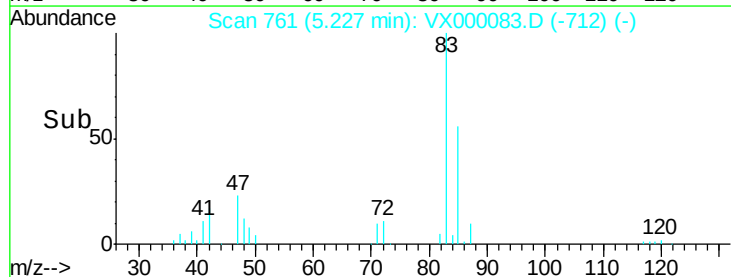
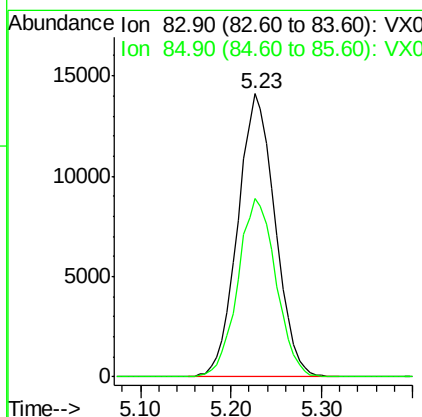
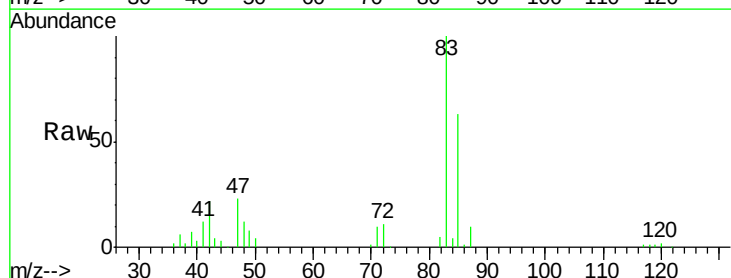
Manual Integrations
APPROVED

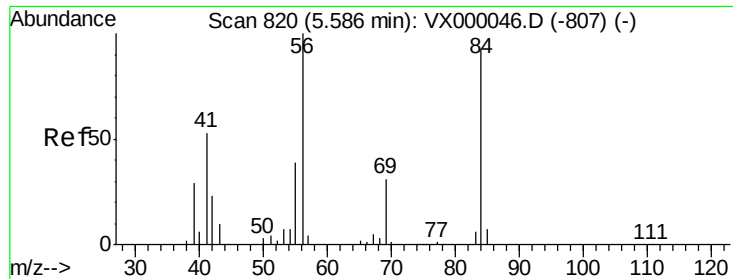
MM Dadoda
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#30
Chloroform
Concen: 21.79 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.9	77.9





#31

Cyclohexane

Concen: 20.88 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

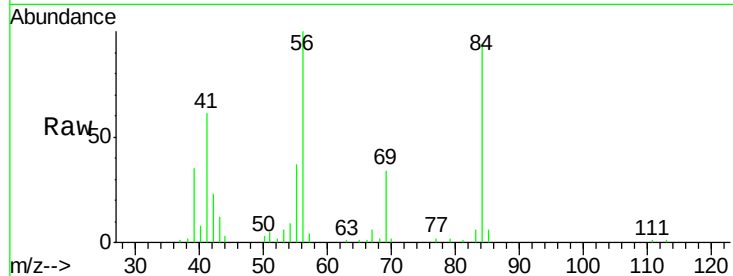
ClientSampled :

VX0213WBSD01

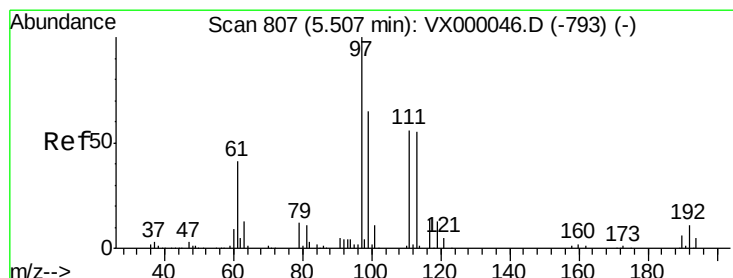
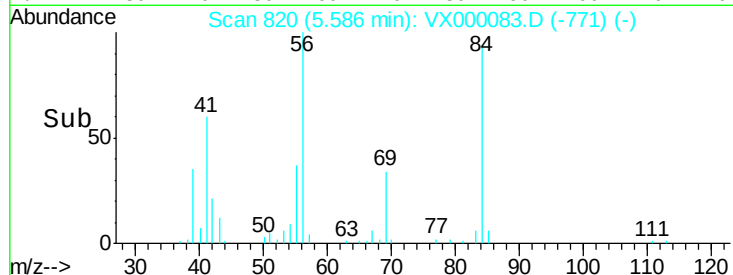
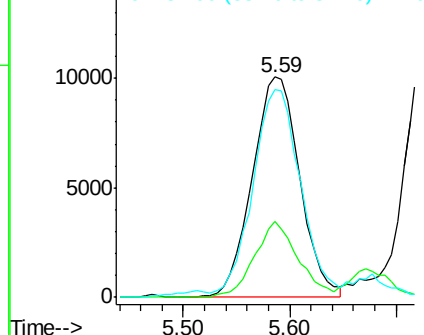
Tot Ion:	56	Resp:	31405
Ion	Ratio	Lower	Upper
56	100		
69	34.2	24.5	36.7
84	91.3	74.8	112.2

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.25 ug/l

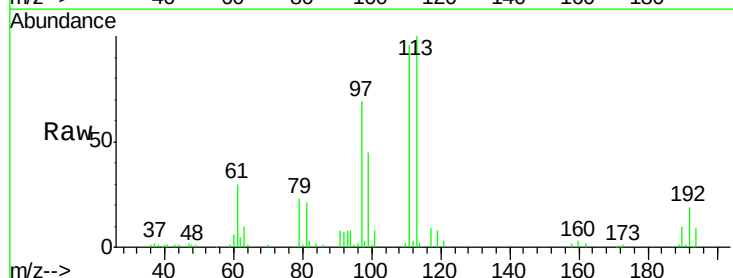
RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

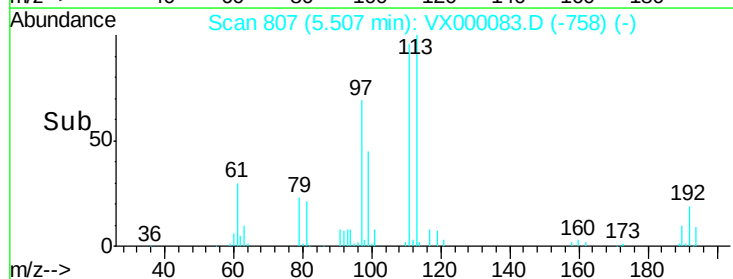
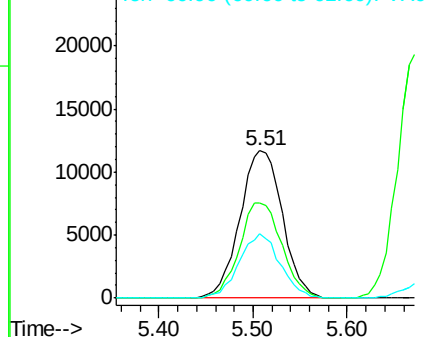
Lab File: VX000083.D

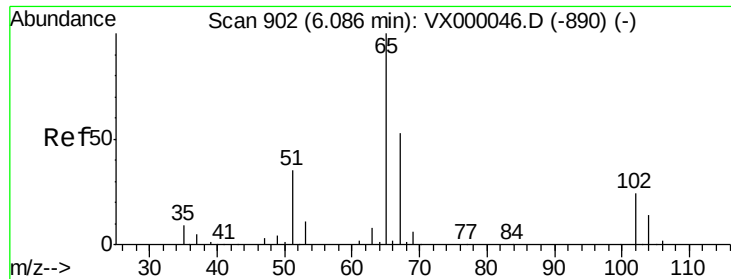
Acq: 13 Feb 2018 18:41

Tgt Ion:	97	Resp:	36920
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.8	76.2
61	41.9	32.1	48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





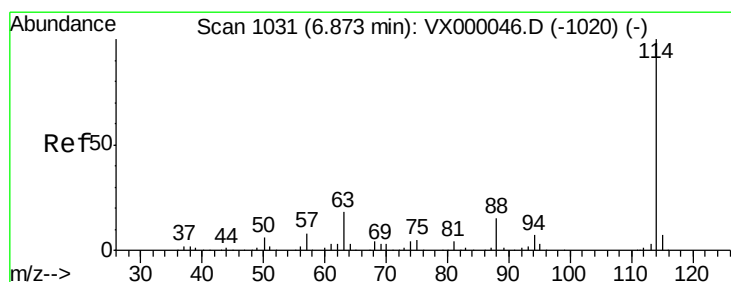
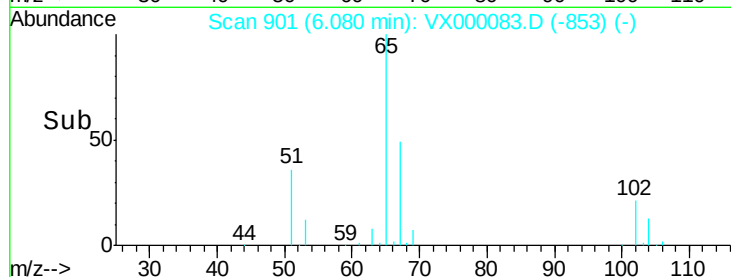
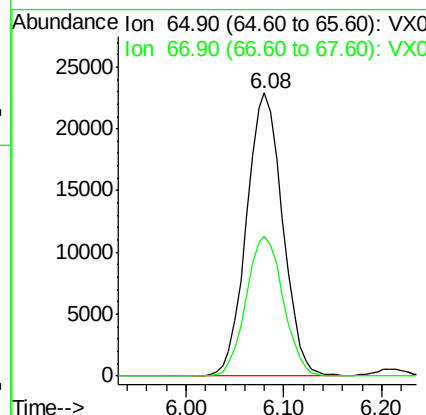
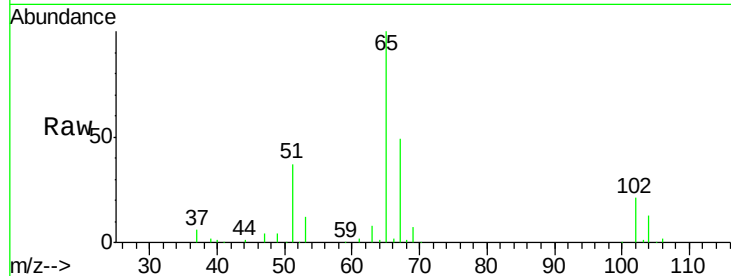
#33
 1,2-Dichloroethane-d4
 Concen: 53.31 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampled :
 VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	106.0

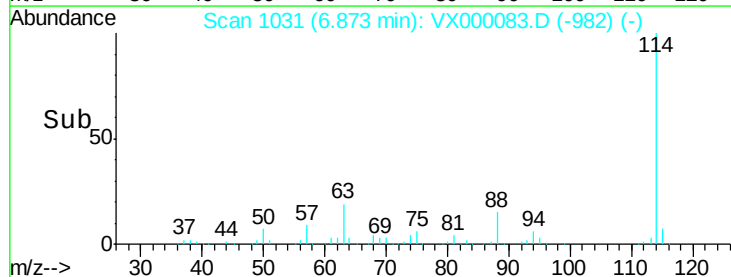
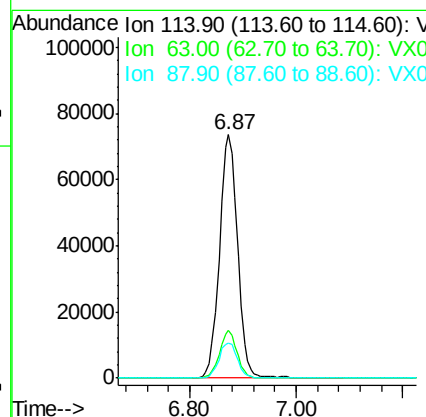
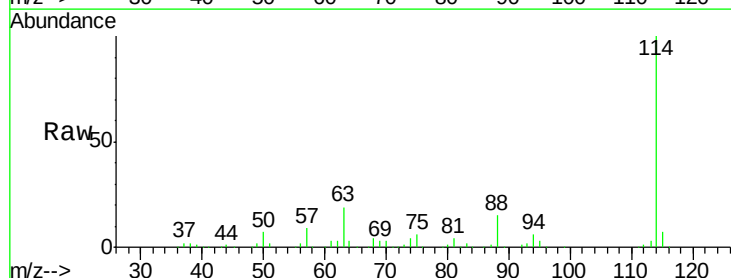
Manual Integrations
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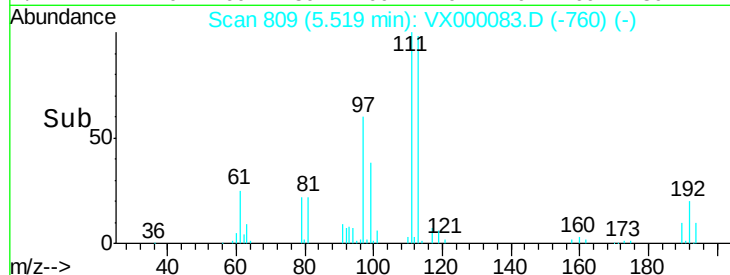
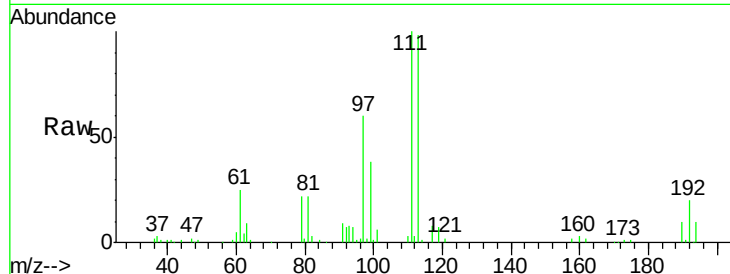
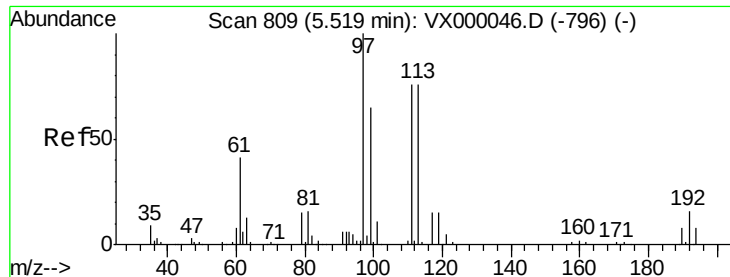
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	36.0
88	14.6	0.0	30.4





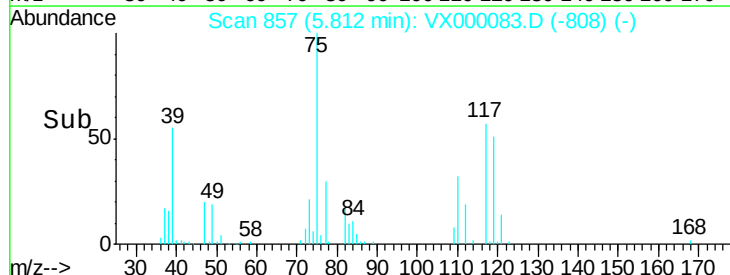
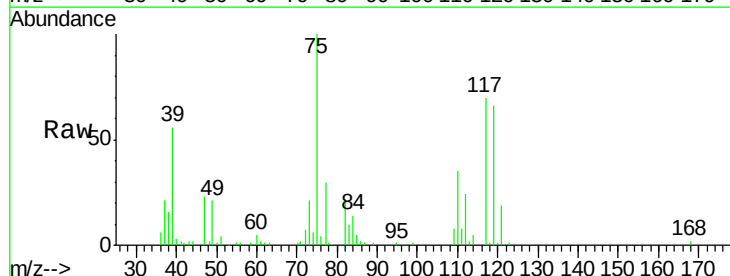
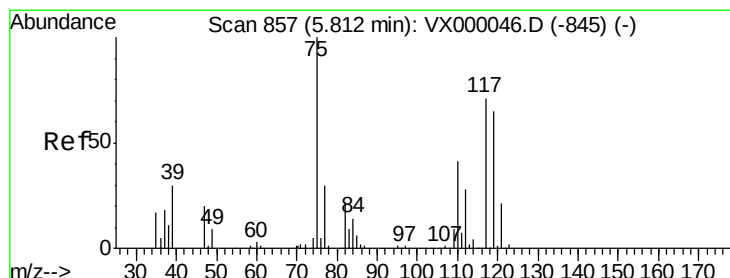
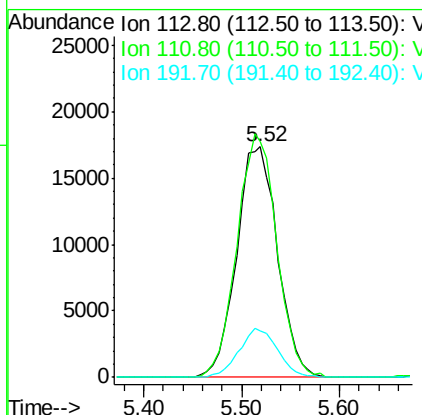
#35
Dibromofluoromethane
Concen: 49.41 ug/l
RT: 5.52 min Scan# 809
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tot Ion	Ratio	Resp	Lower	Upper
113	100	50316		
111	102.8		80.5	120.7
192	20.0		16.9	25.3

Instrument :
ClientSampleId :
VX0213WBSD01

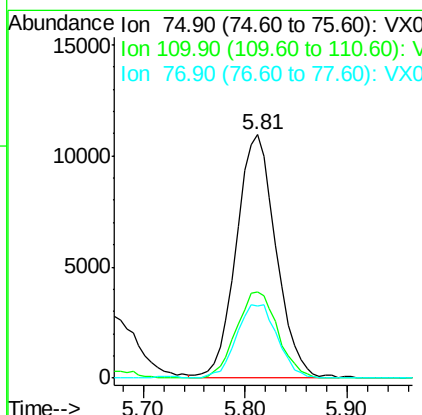
Manual Integrations
APPROVED

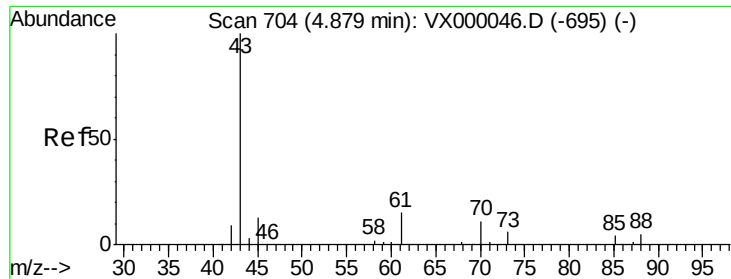
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#36
1,1-Dichloropropene
Concen: 19.53 ug/l
RT: 5.81 min Scan# 857
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29659		
110	36.6		19.4	58.4
77	31.1		24.2	36.4





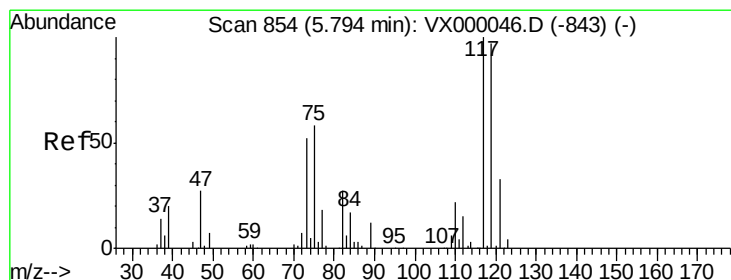
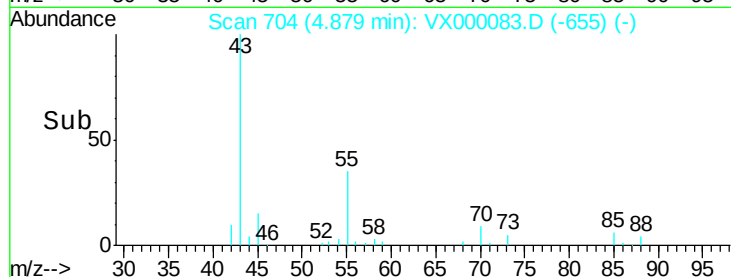
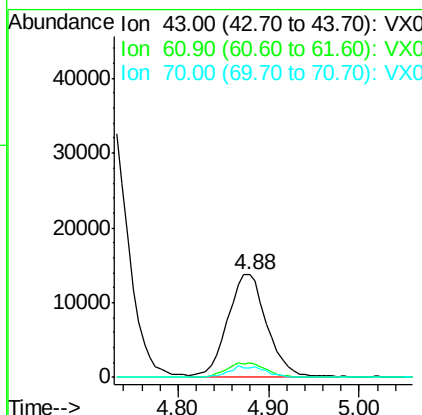
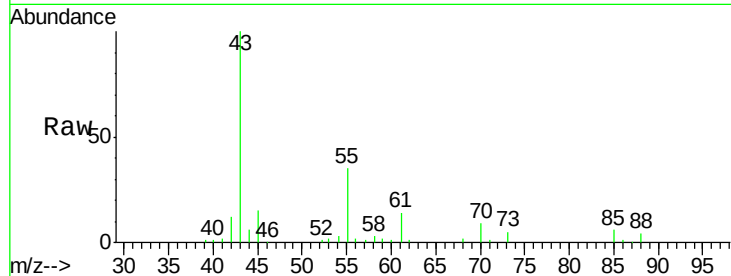
#37
Ethyl Acetate
Concen: 20.93 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
Client Sampled :
VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.4	17.2
70	10.1	9.0	13.6

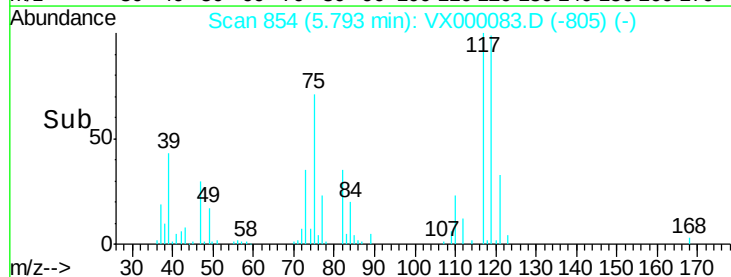
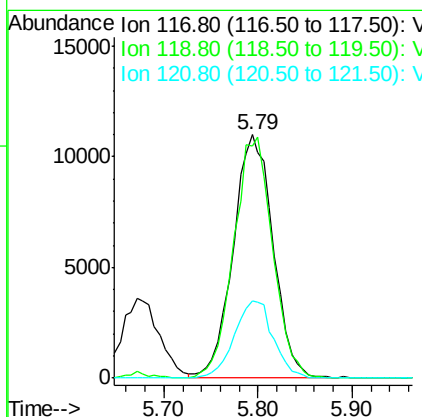
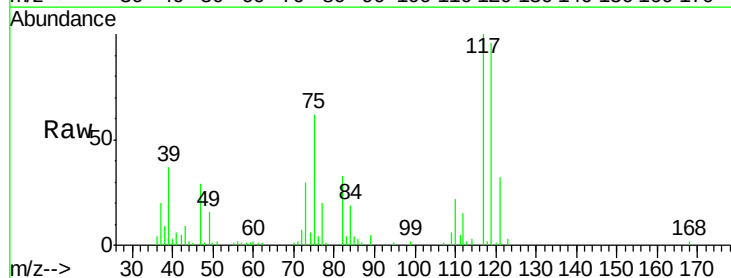
Manual Integrations
APPROVED

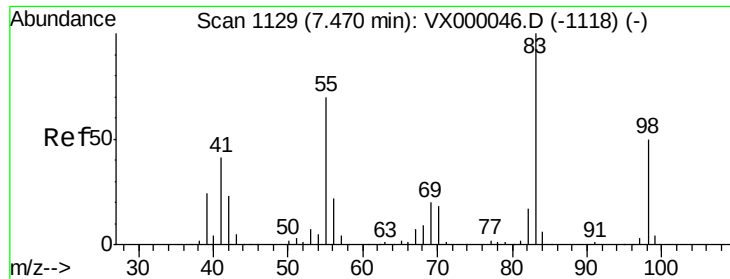
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#38
Carbon Tetrachloride
Concen: 19.08 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.9	115.3
121	31.9	25.8	38.8





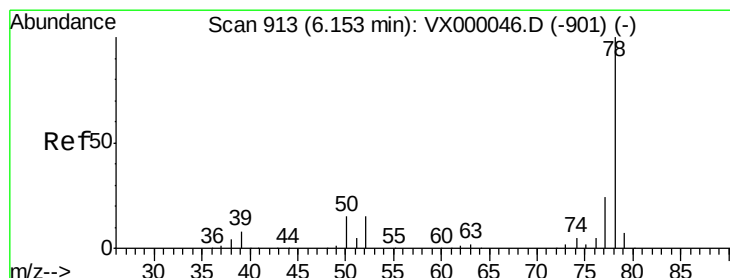
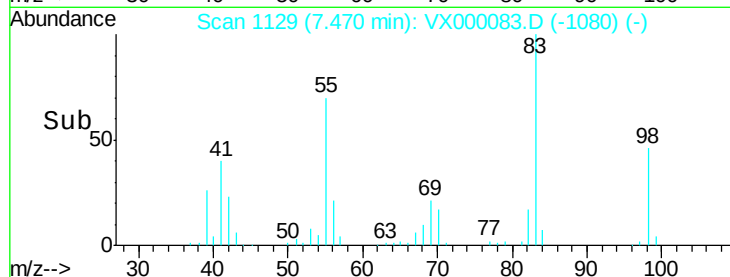
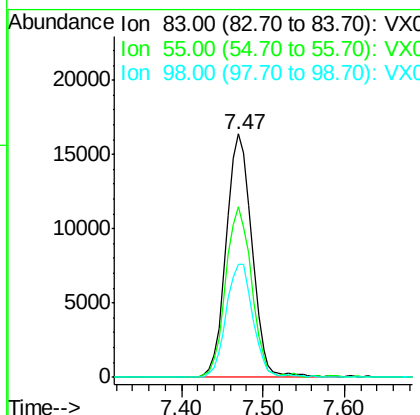
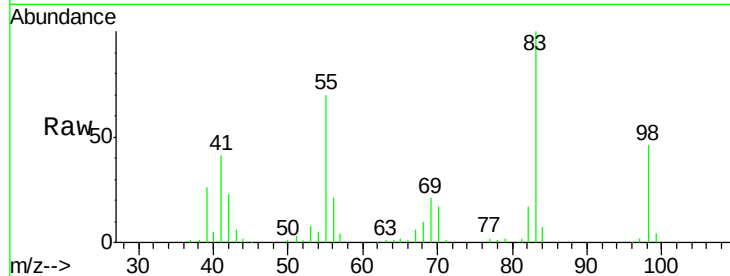
#39
Methylvlcyclohexane
Concen: 19.37 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampleId :
VX0213WBSD01

Tot Ion	83	Resp	35700
Ion Ratio	100	Lower	Upper
83	100		
55	70.0	55.7	83.5
98	46.3	39.7	59.5

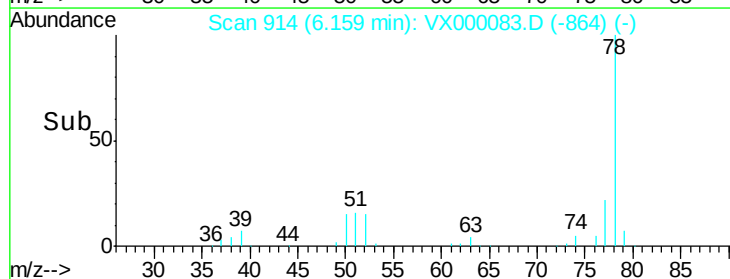
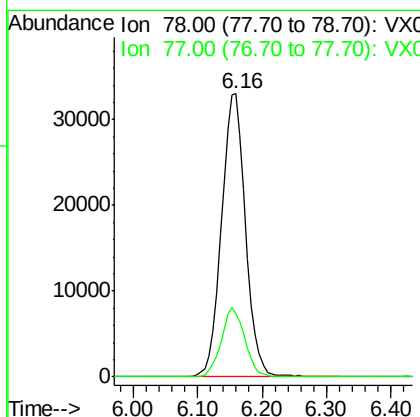
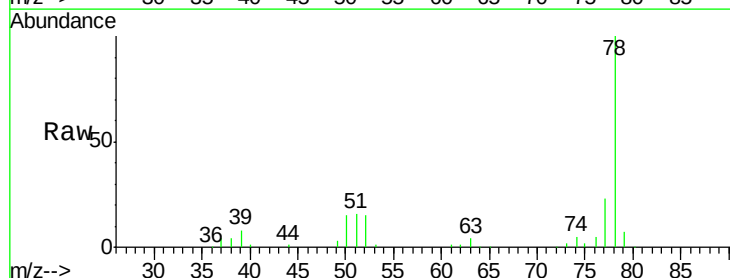
Manual Integrations
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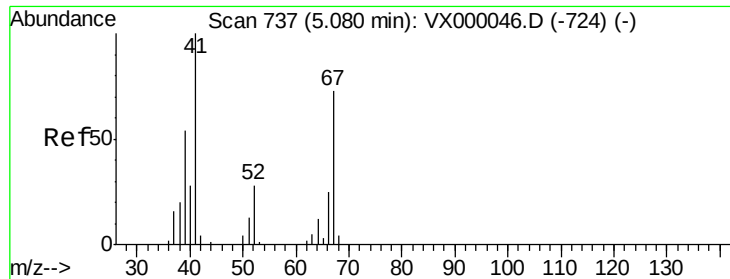
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#40
Benzene
Concen: 20.23 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	78	Resp	86829
Ion Ratio	100	Lower	Upper
78	100		
77	22.5	19.4	29.2





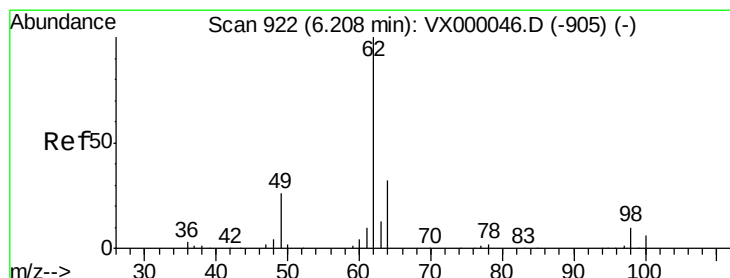
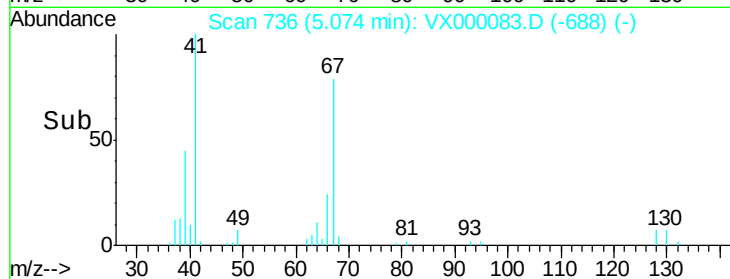
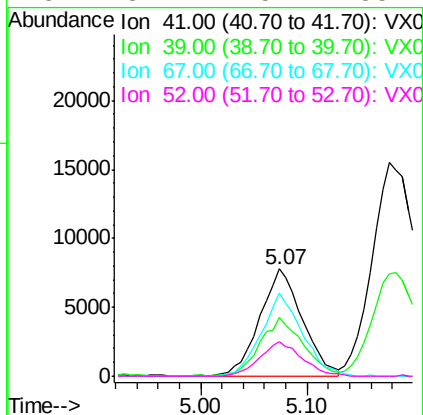
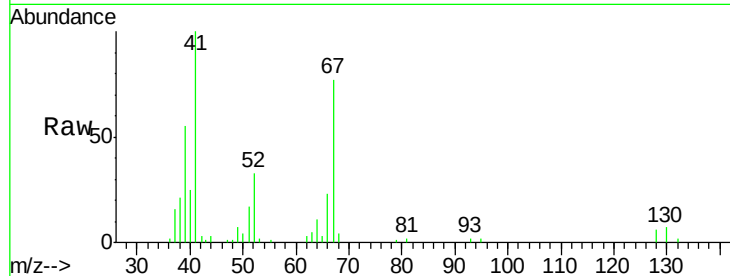
#41
Methacrylonitrile
Concen: 21.46 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampleId :
VX0213WBSD01

Tot Ion:	41	Resp:	21612
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.8
67	73.8	60.6	91.0
52	32.1	25.4	38.2

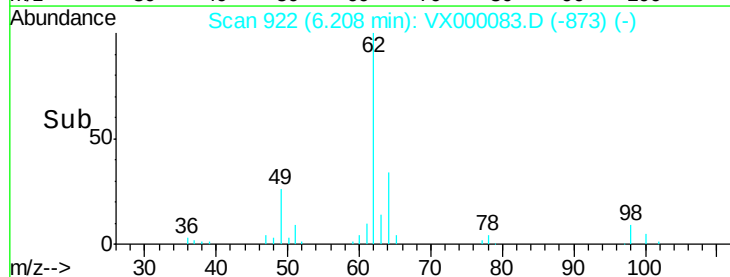
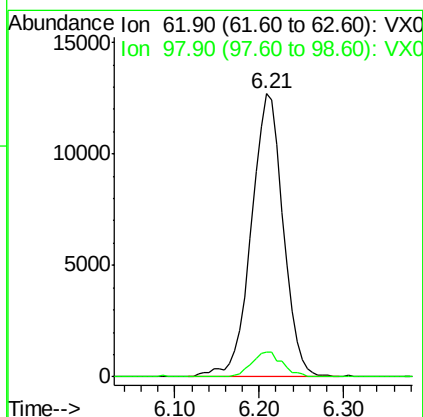
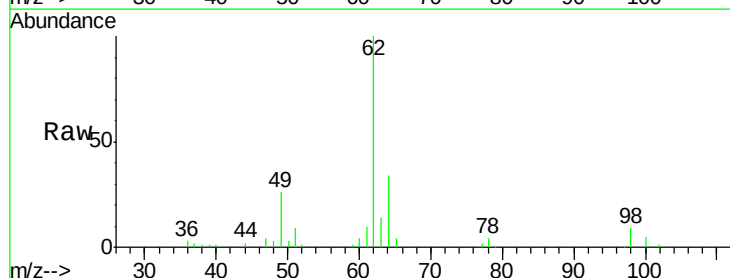
Manual Integrations
APPROVED

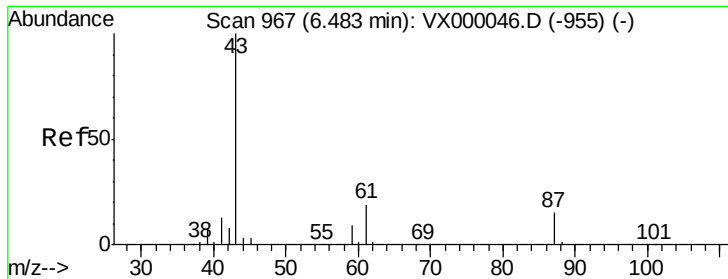
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2/16/2018 2:28:08 PM



#42
1,2-Dichloroethane
Concen: 21.37 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion:	62	Resp:	32763
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.6





#43

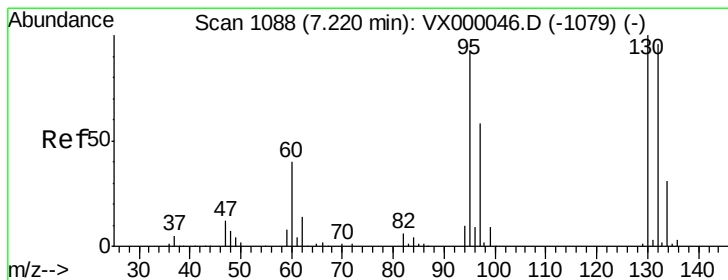
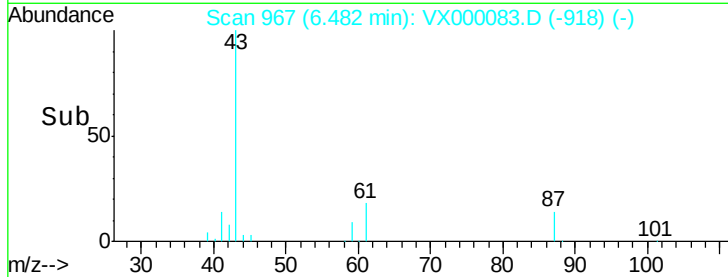
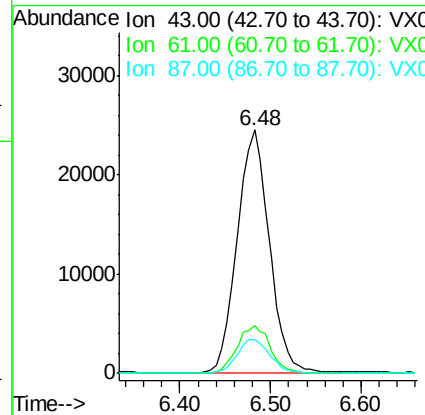
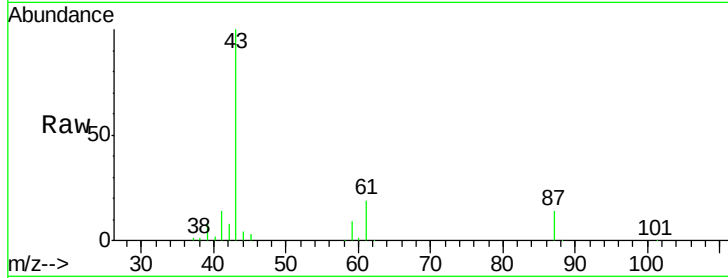
Isopropyl Acetate
 Concen: 20.54 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampled :
 VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.9	23.9
87	14.2	11.8	17.6

Manual Integrations
 APPROVED

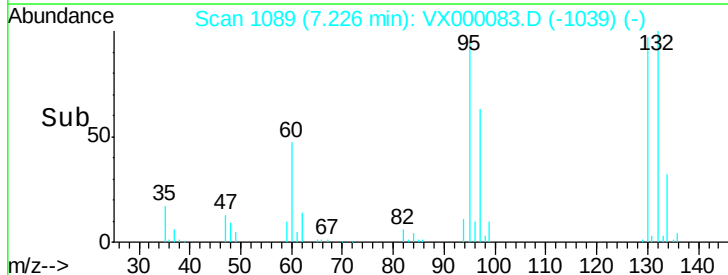
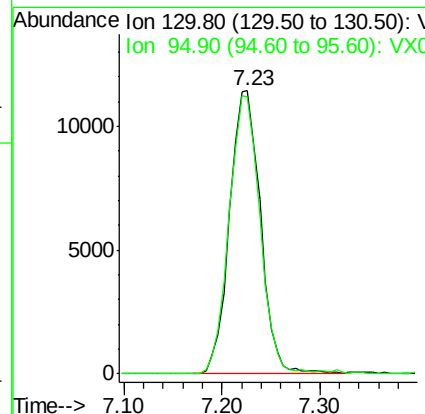
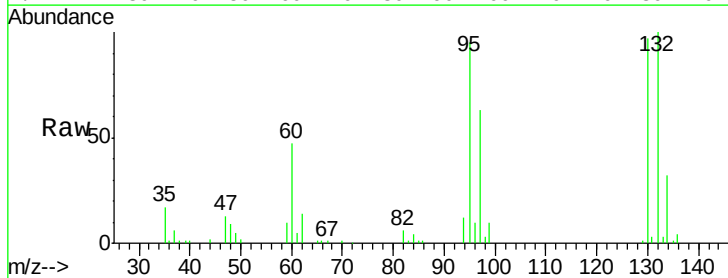
MMDadoda
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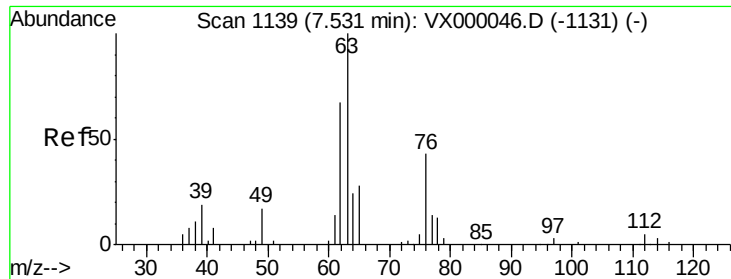


#44

Trichloroethene
 Concen: 18.90 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	185.2





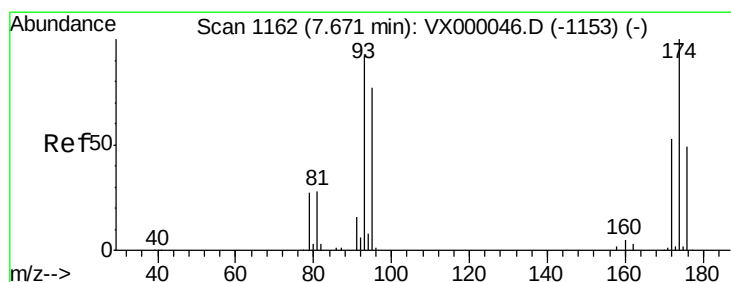
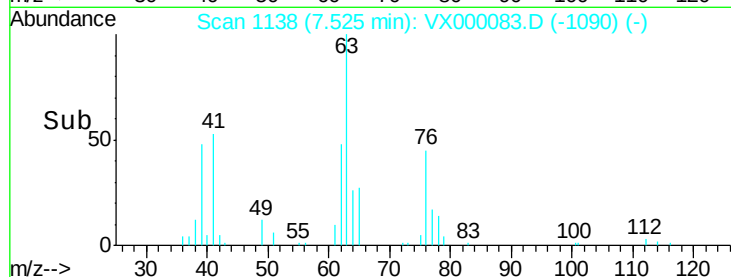
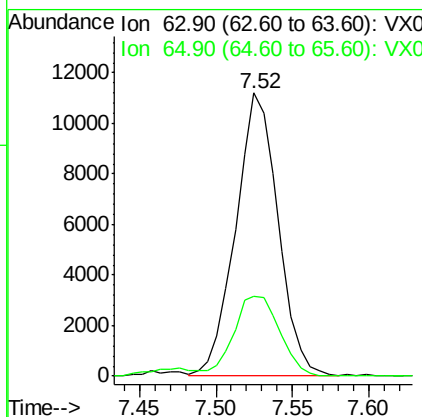
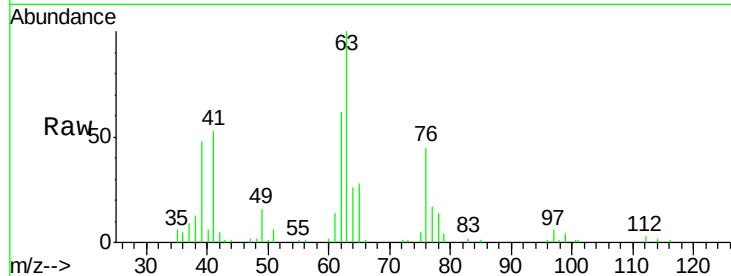
#45
 1,2-Dichloropropane
 Concen: 20.70 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampled :
 VX0213WBSD01

Tot Ion: 63 Resp: 21595
 Ion Ratio Lower Upper
 63 100
 65 28.4 23.7 35.5

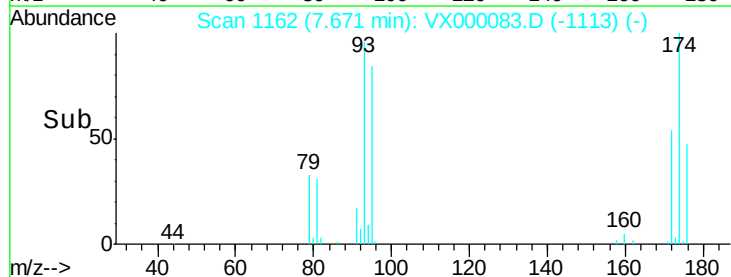
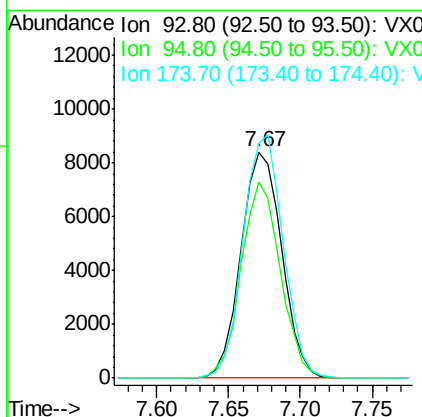
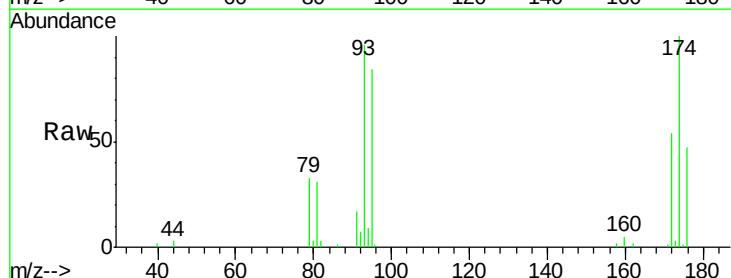
Manual Integrations
 APPROVED

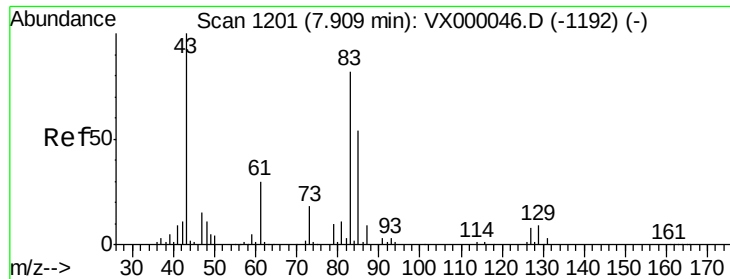
MMDadoda
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#46
 Dibromomethane
 Concen: 20.41 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion: 93 Resp: 16436
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.3 99.5
 174 106.0 90.4 135.6





#47

Bromodichloromethane

Concen: 20.04 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

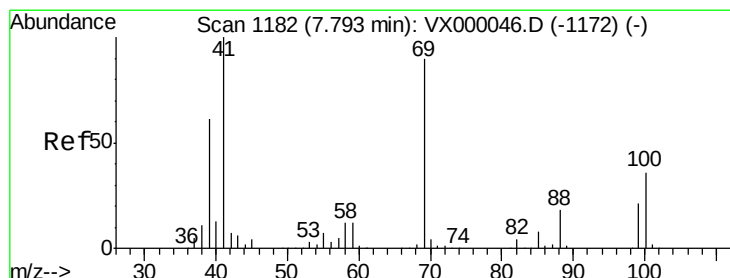
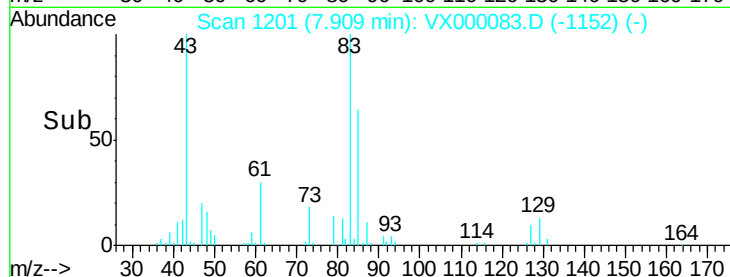
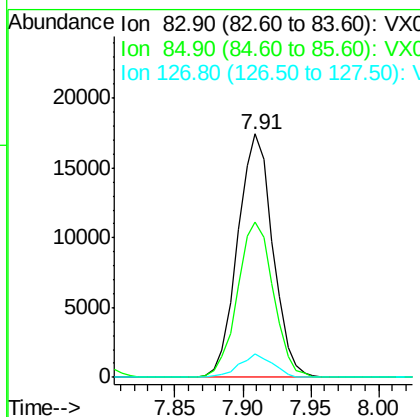
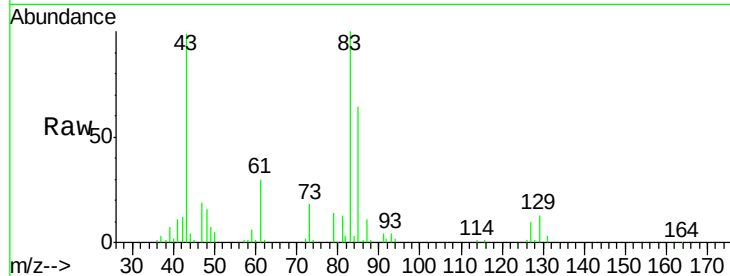
ClientSampled :

VX0213WBSD01

Tot Ion:	83	Resp:	31382
Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.3	78.5
127	9.7	7.4	11.0

Manual Integrations
APPROVED

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#48

Methyl methacrylate

Concen: 20.24 ug/l

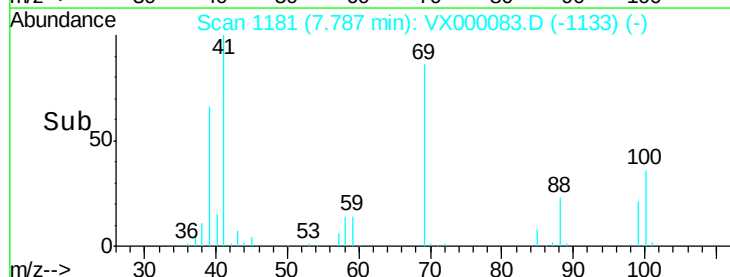
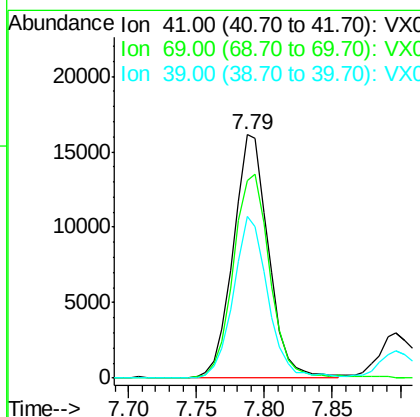
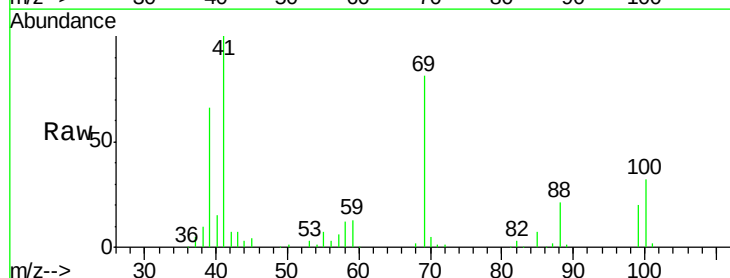
RT: 7.79 min Scan# 1181

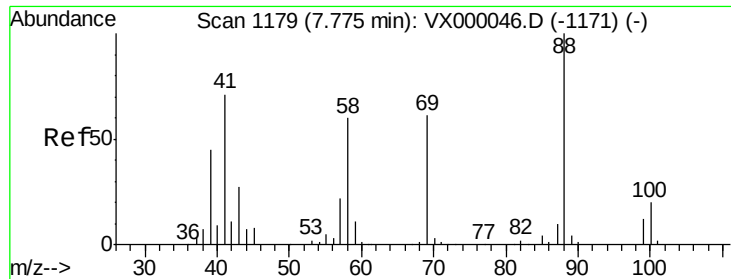
Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion:	41	Resp:	29368
Ion	Ratio	Lower	Upper
41	100		
69	87.0	72.1	108.1
39	64.4	49.6	74.4





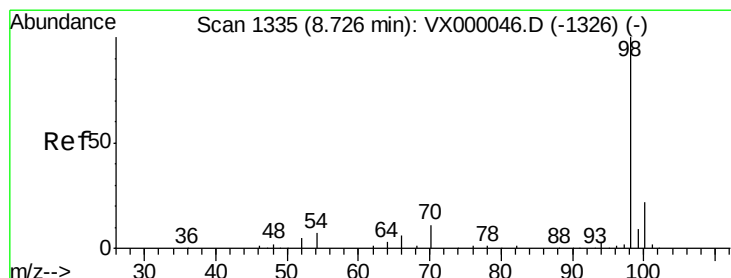
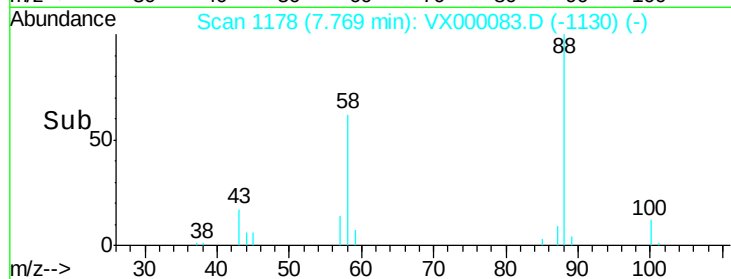
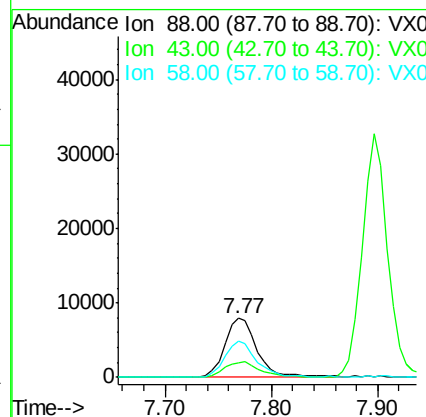
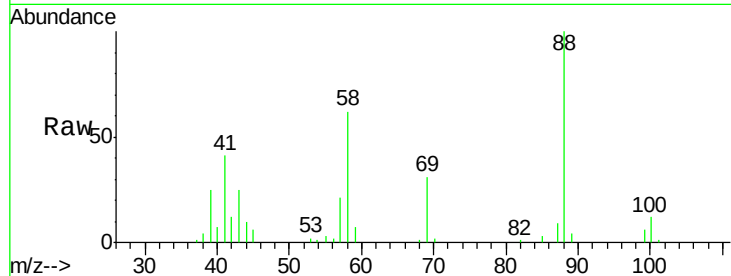
#49
1,4-Dioxane
Concen: 434.47 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampleId :
VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.6	33.8
58	60.3	49.4	74.2

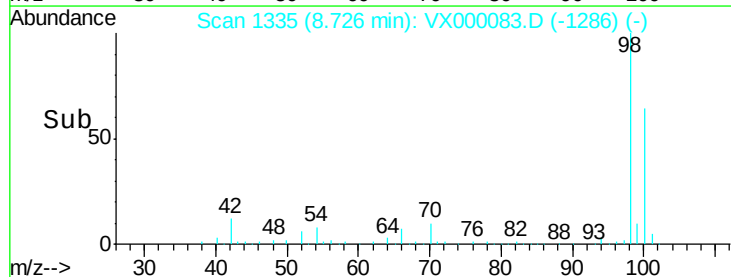
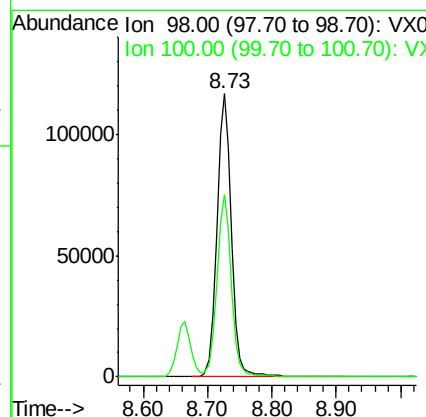
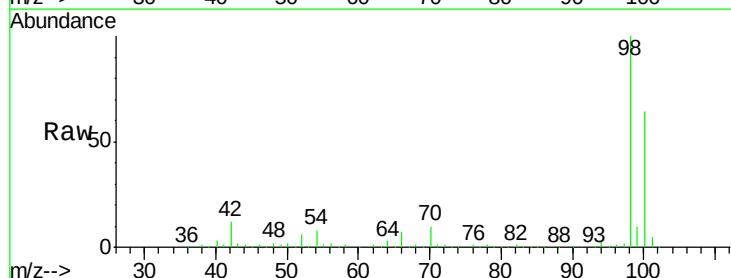
Manual Integrations
APPROVED

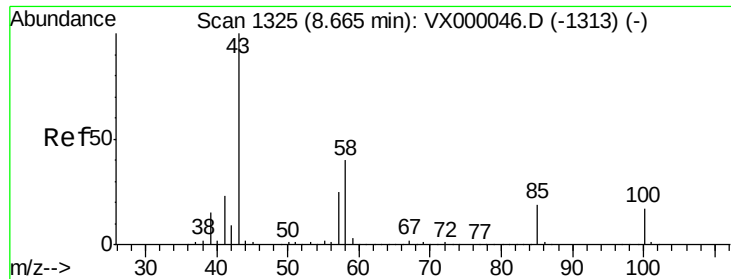
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#50
Toluene-d8
Concen: 48.65 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 111.68 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

Tot Ion: 43 Resp: 230056

Ion Ratio Lower Upper

43 100

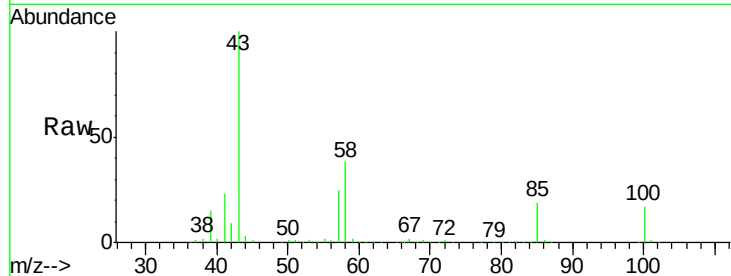
58 36.8 32.1 48.1

Manual Integrations

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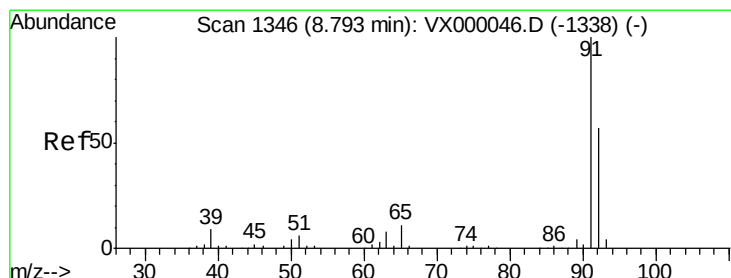
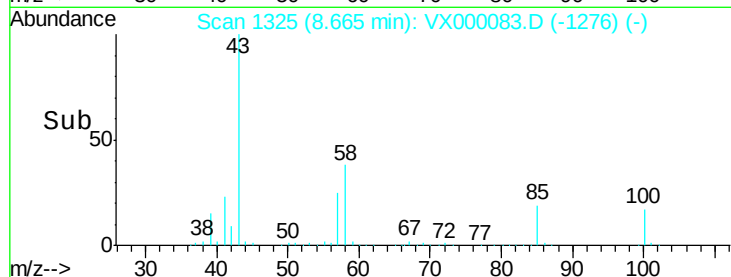
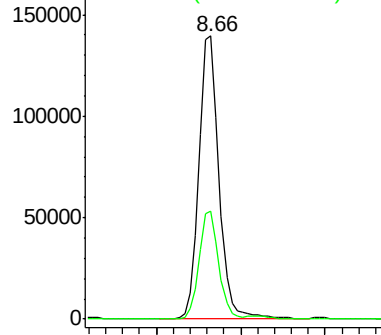
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.33 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000083.D

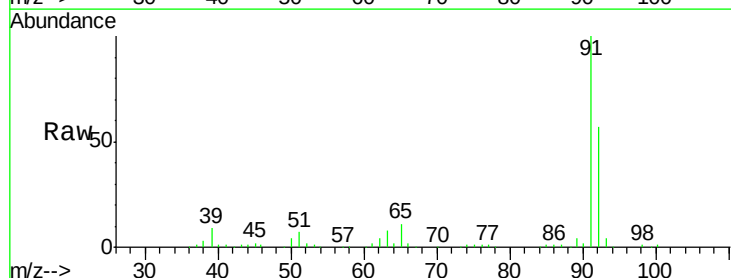
Acq: 13 Feb 2018 18:41

Tgt Ion: 92 Resp: 58598

Ion Ratio Lower Upper

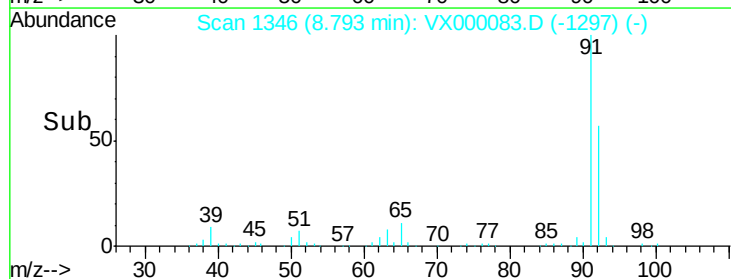
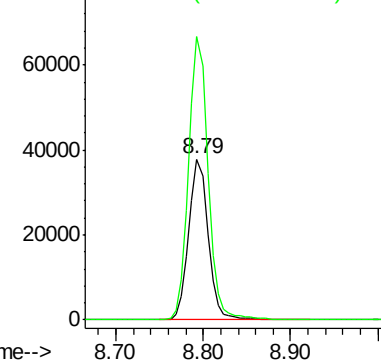
92 100

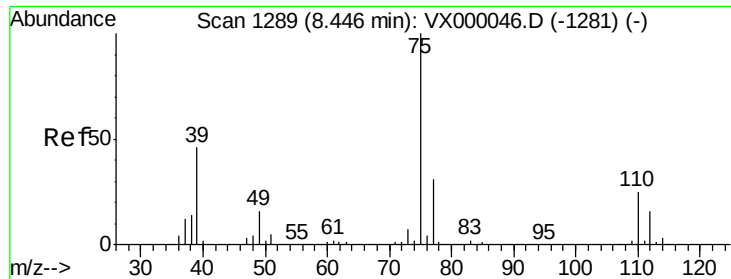
91 176.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.96 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

Tot Ion: 75 Resp: 36570

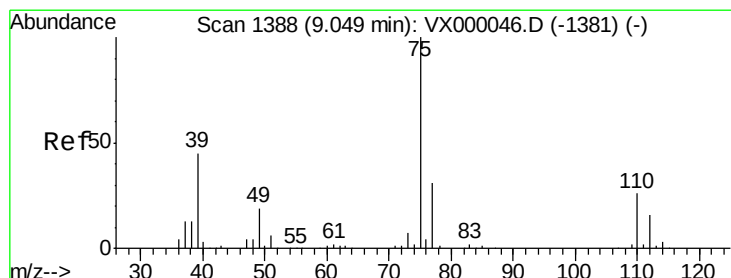
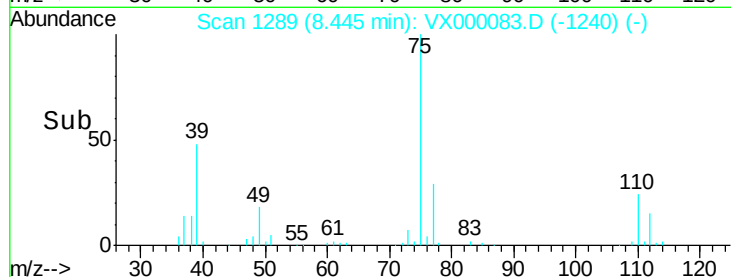
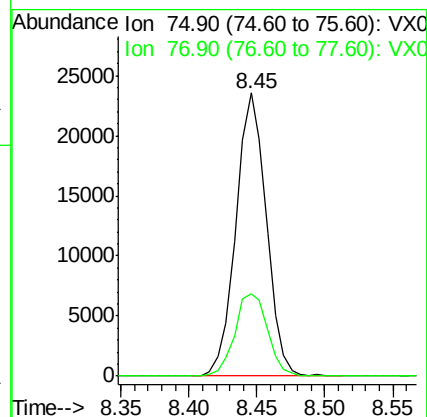
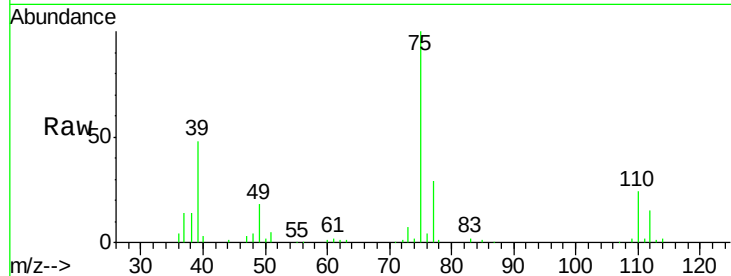
Ion Ratio Lower Upper

75 100

77 29.3 25.0 37.4

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 20.63 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

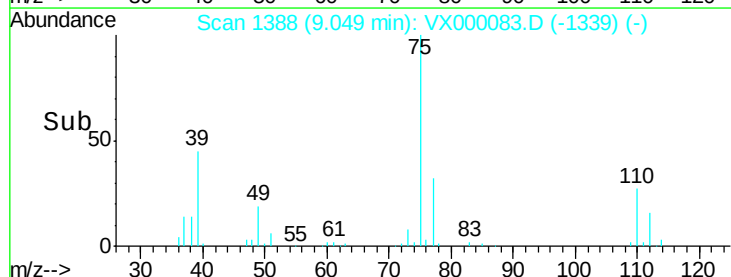
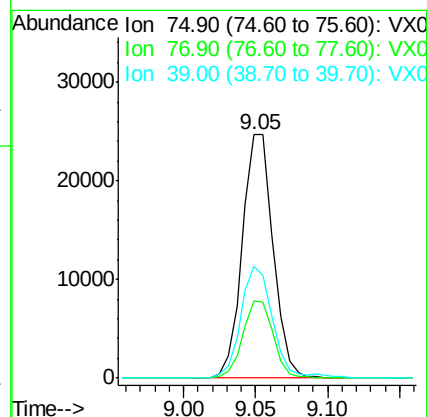
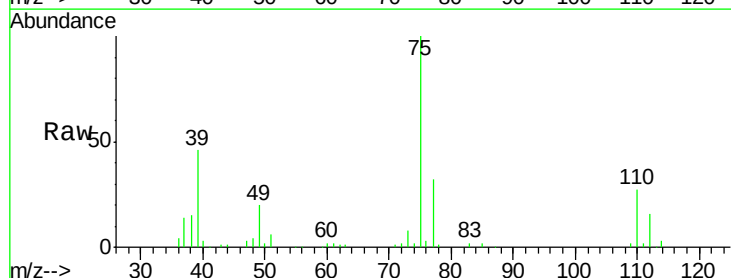
Tgt Ion: 75 Resp: 36725

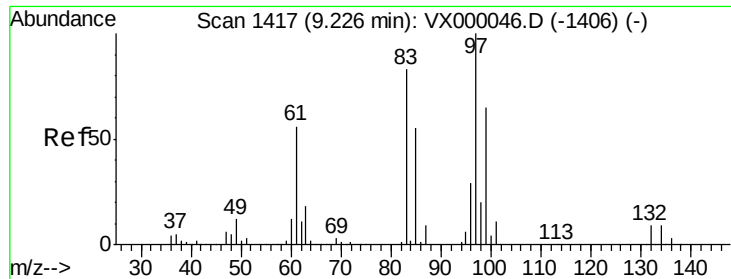
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 45.8 36.1 54.1





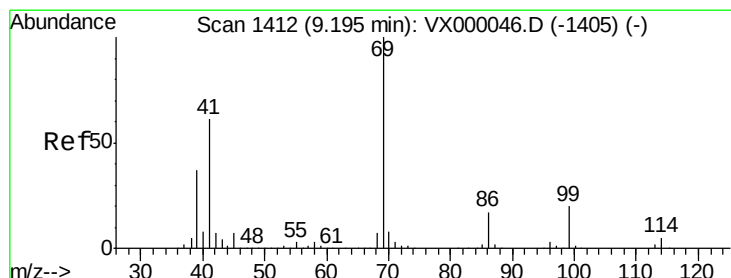
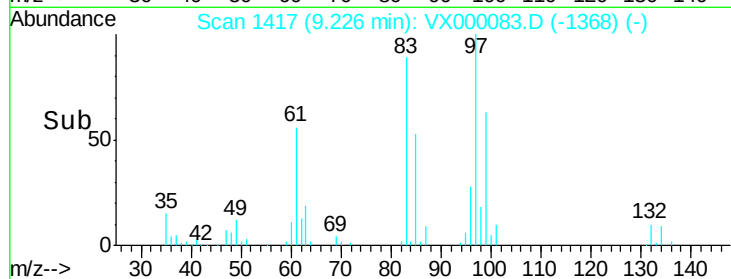
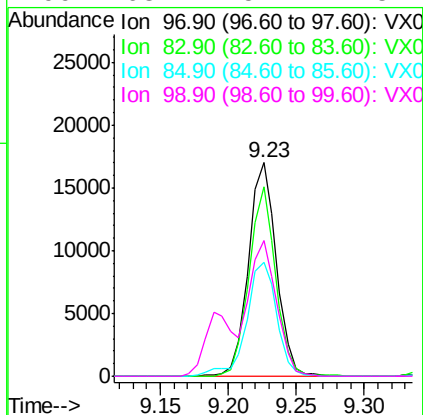
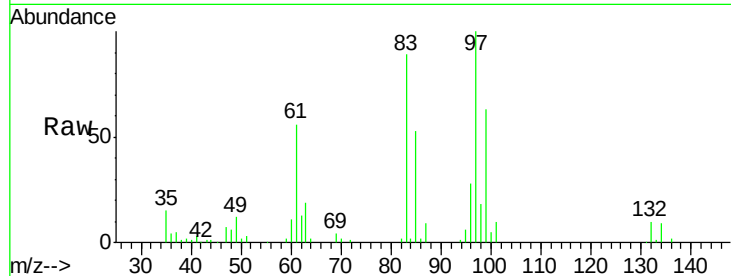
#55
 1,1,2-Trichloroethane
 Concen: 20.27 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampled :
 VX0213WBSD01

Tot Ion:	97	Resp:	24509
Ion	Ratio	Lower	Upper
97	100		
83	88.9	66.5	99.7
85	53.3	43.8	65.6
99	63.2	52.2	78.4

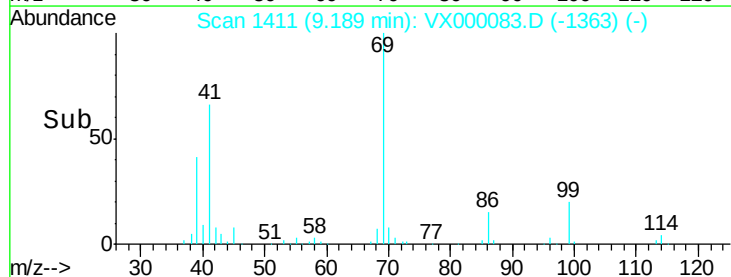
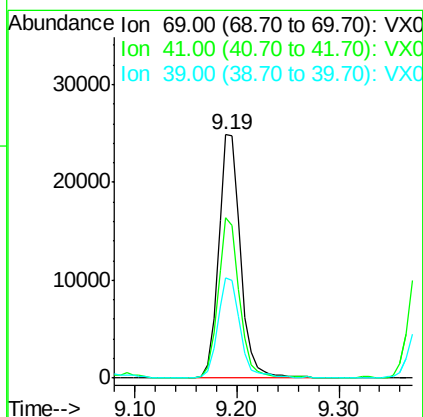
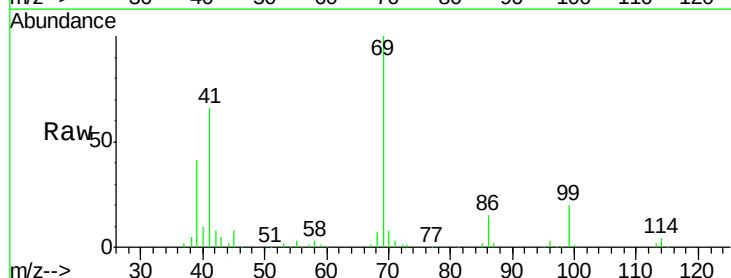
Manual Integrations
 APPROVED

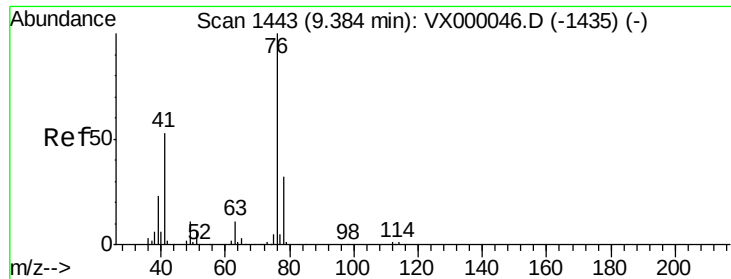
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#56
 Ethyl methacrylate
 Concen: 20.19 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion:	69	Resp:	37437
Ion	Ratio	Lower	Upper
69	100		
41	64.9	49.5	74.3
39	42.0	29.9	44.9





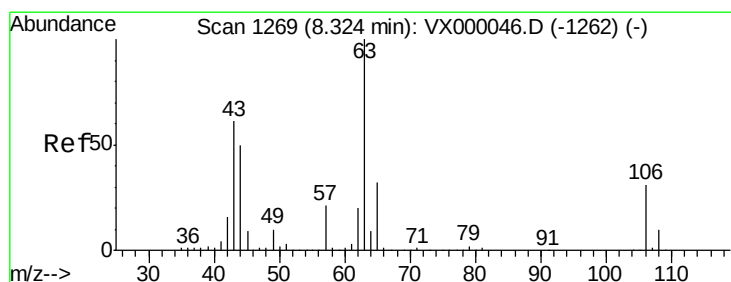
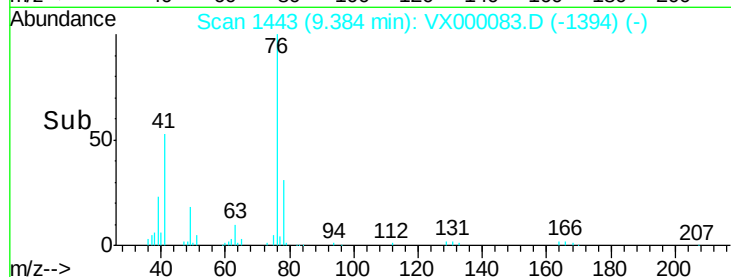
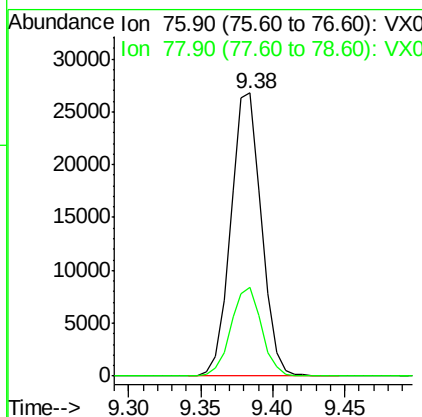
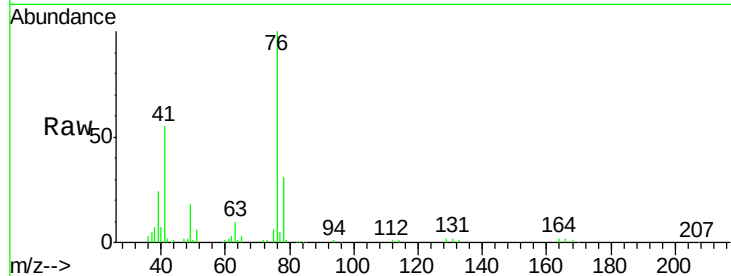
#57
 1,3-Dichloropropane
 Concen: 21.16 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampled :
 VX0213WBSD01

Tot Ion: 76 Resp: 39792
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.9 38.9

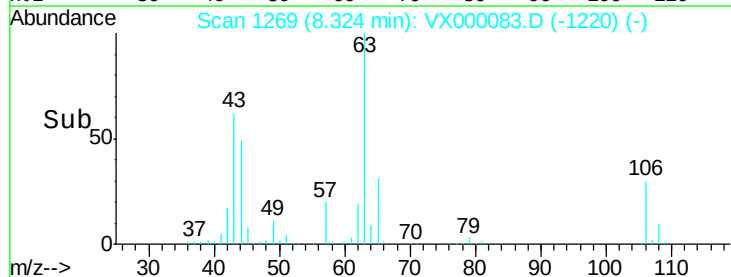
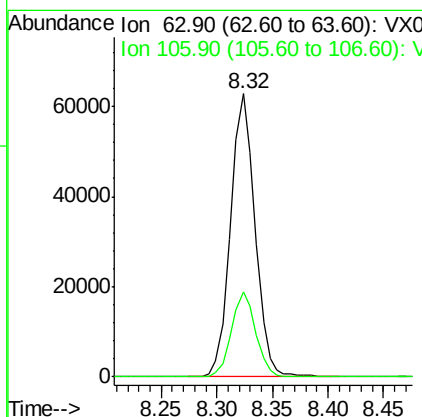
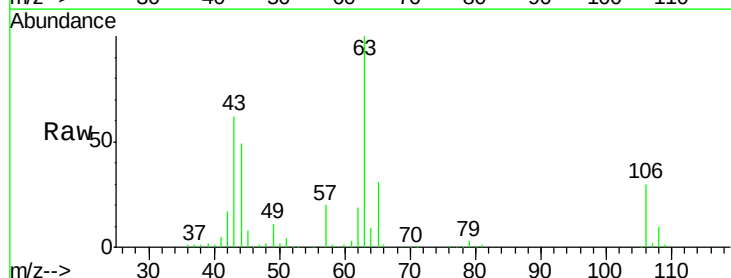
Manual Integrations
 APPROVED

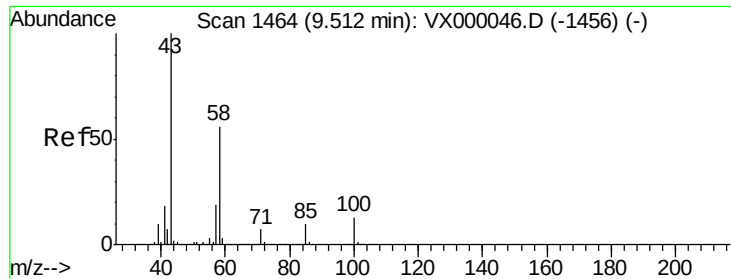
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.61 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion: 63 Resp: 95819
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.7 37.1





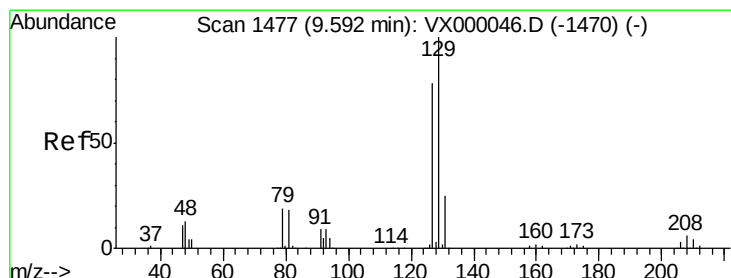
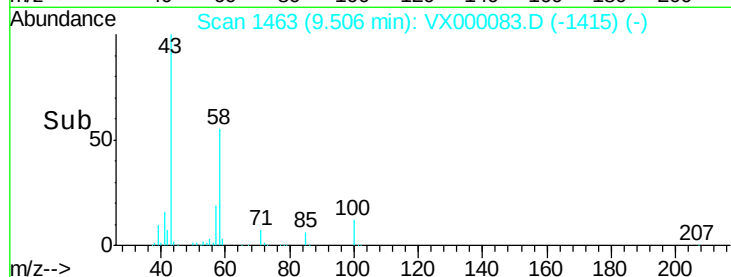
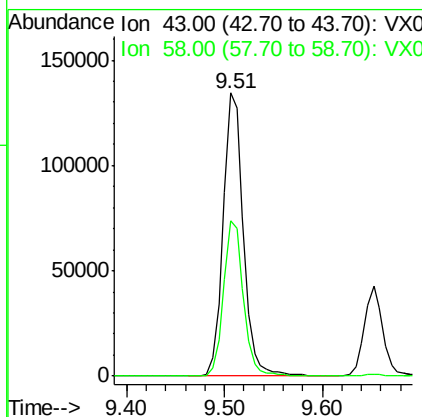
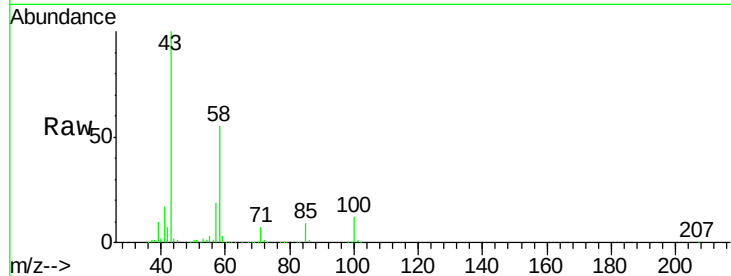
#59
2-Hexanone
Concen: 115.01 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tot Ion: 43 Resp: 192691
Ion Ratio Lower Upper
43 100
58 53.9 27.6 82.7

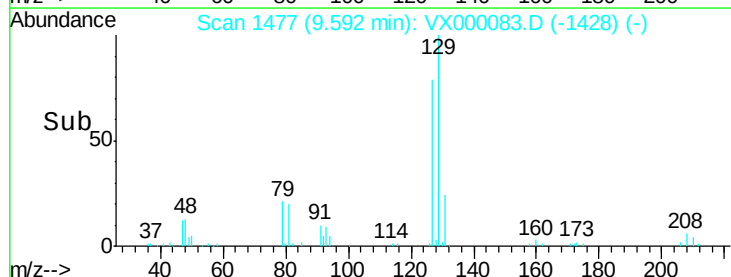
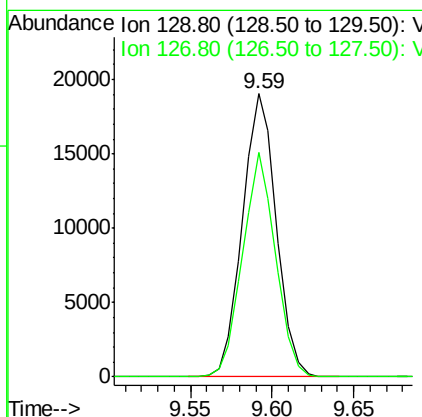
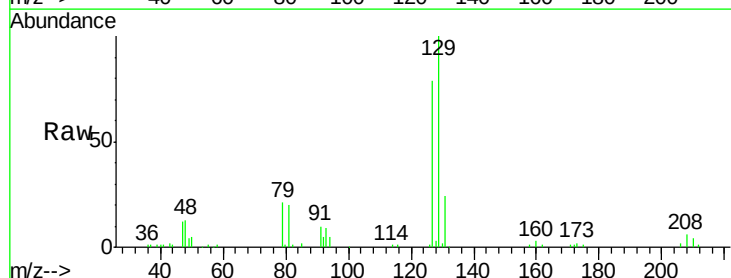
Manual Integrations
APPROVED

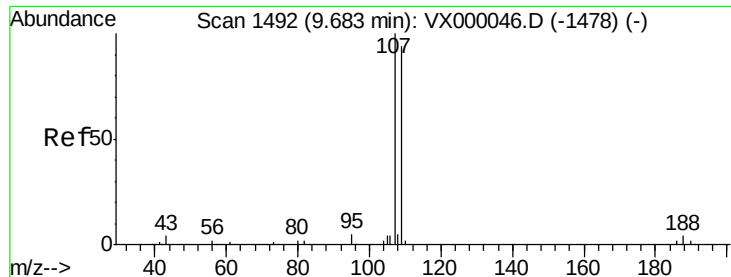
MMDadoda
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#60
Dibromochloromethane
Concen: 19.81 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion:129 Resp: 27540
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.57 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampleId :

VX0213WBSD01

Tot Ion:107 Resp: 27385

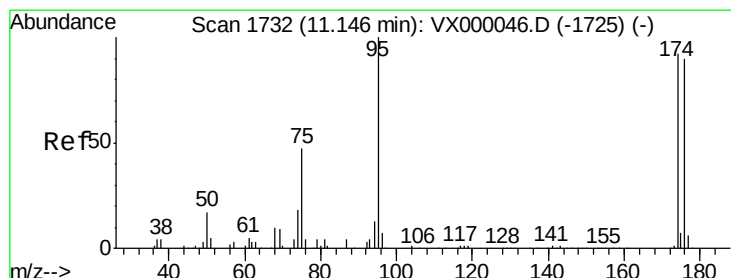
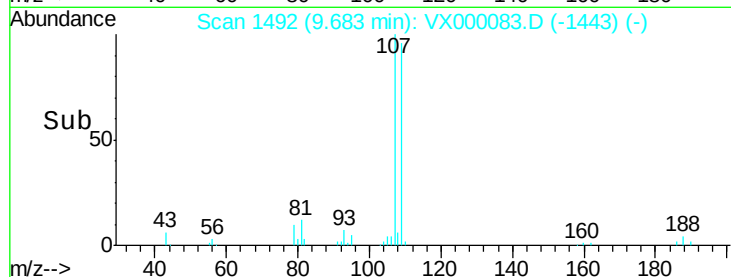
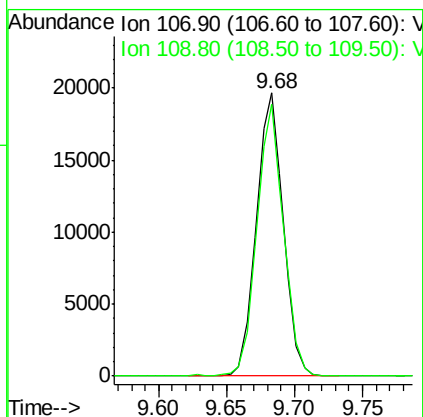
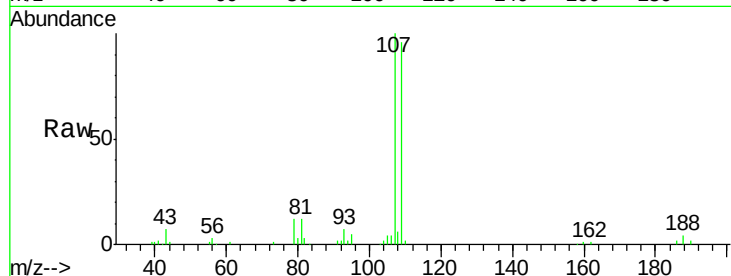
Ion Ratio Lower Upper

107 100

109 95.2 74.6 111.8

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#62

4-Bromofluorobenzene

Concen: 49.00 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

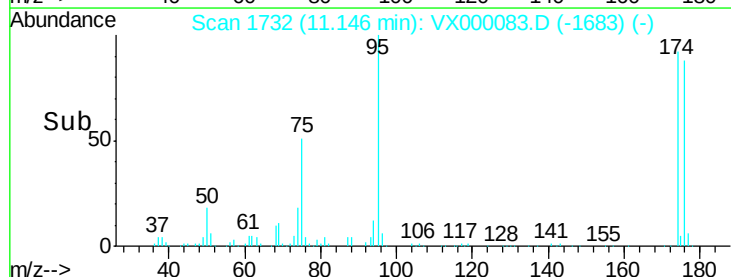
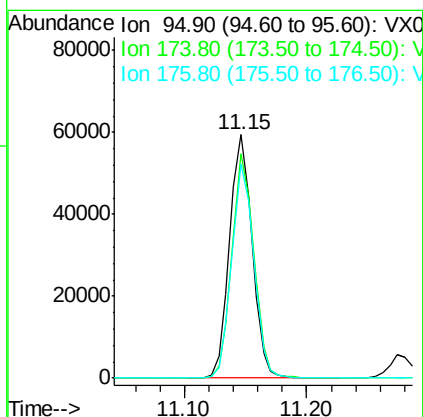
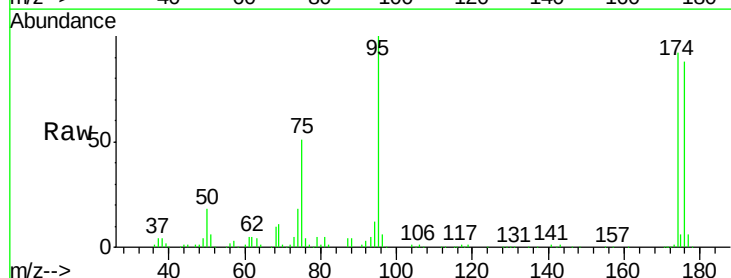
Tgt Ion: 95 Resp: 75511

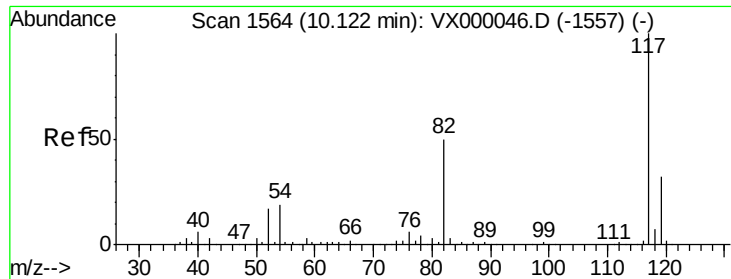
Ion Ratio Lower Upper

95 100

174 89.8 0.0 185.6

176 86.3 0.0 181.8





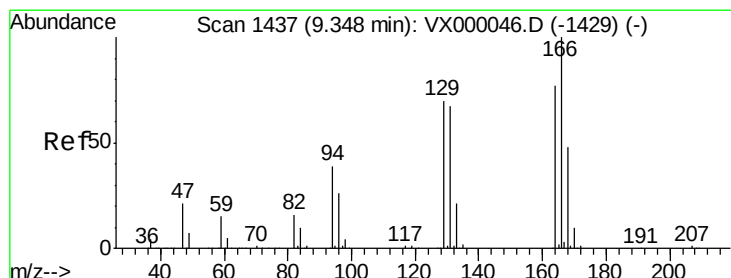
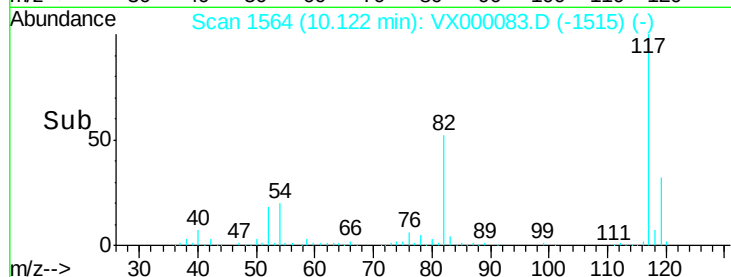
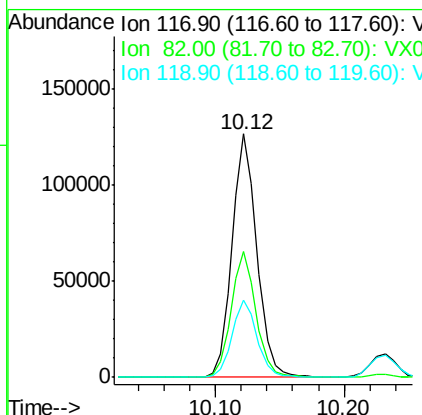
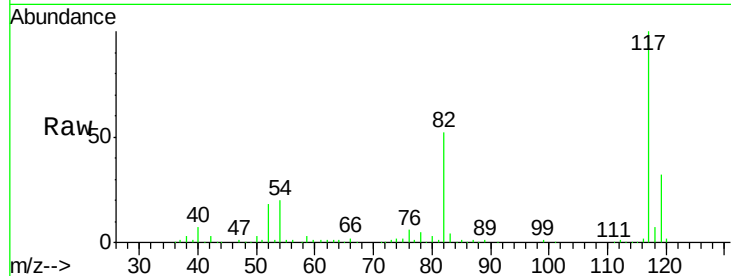
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampleId :
VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	40.3	60.5
119	31.9	25.3	37.9

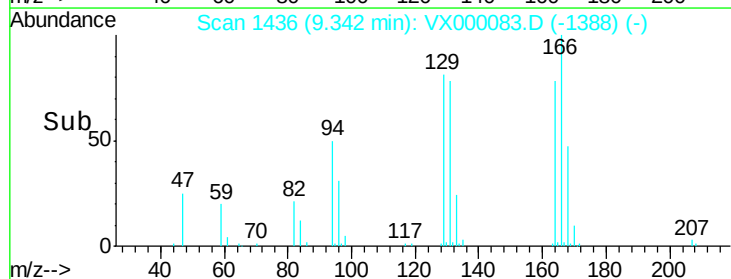
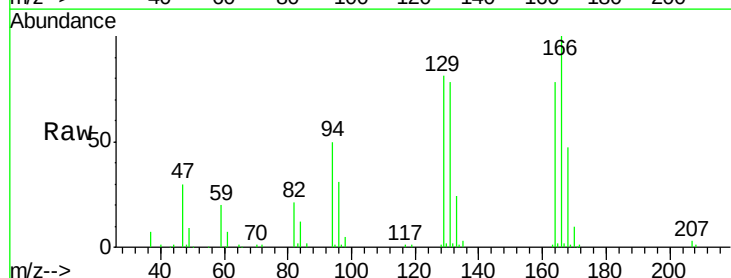
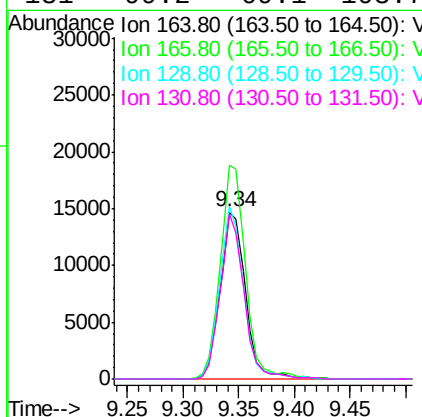
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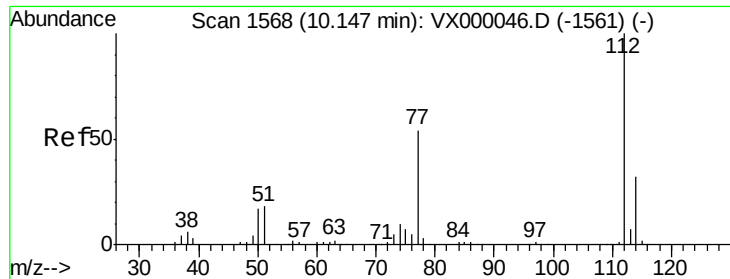
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#64
Tetrachloroethene
Concen: 18.16 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	103.7	155.5
129	103.2	72.2	108.4
131	99.2	69.1	103.7





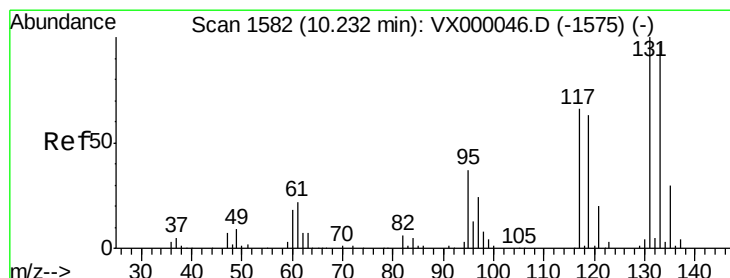
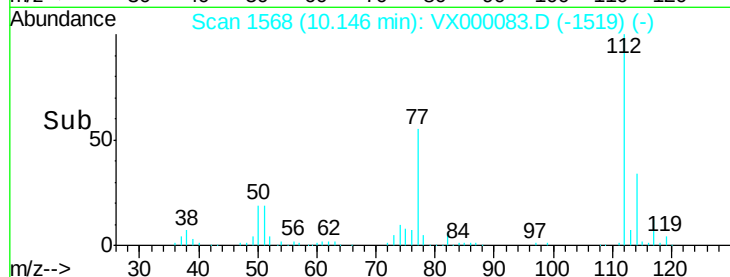
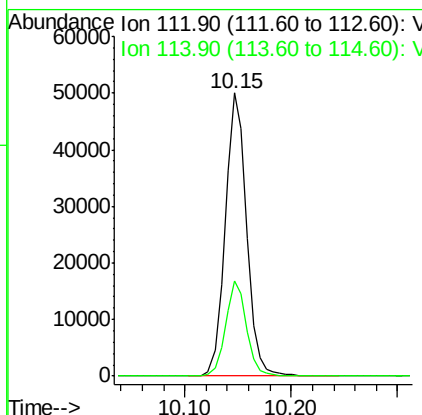
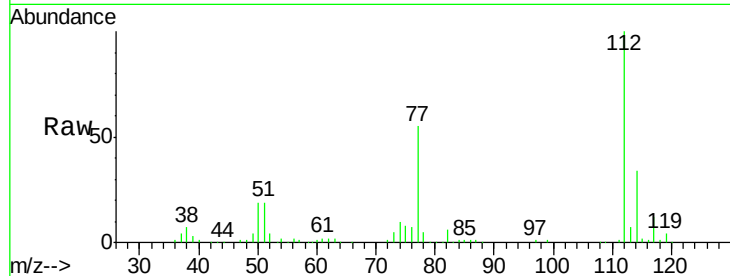
#65
Chlorobenzene
Concen: 19.84 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
Client Sampled :
VX0213WBSD01

Tot Ion:112 Resp: 70198
Ion Ratio Lower Upper
112 100
114 33.8 25.6 38.4

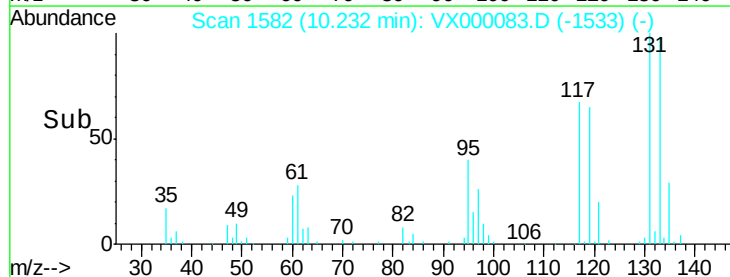
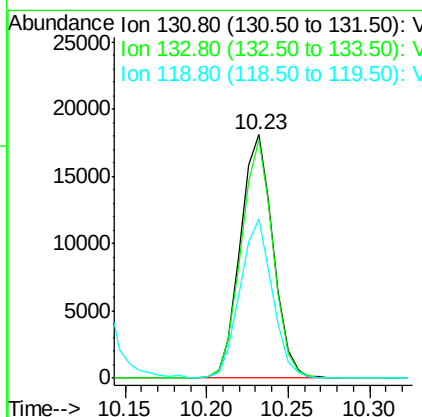
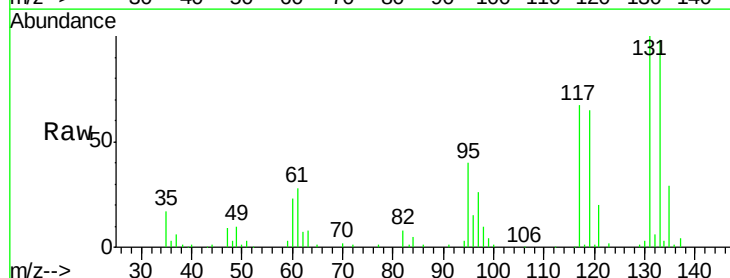
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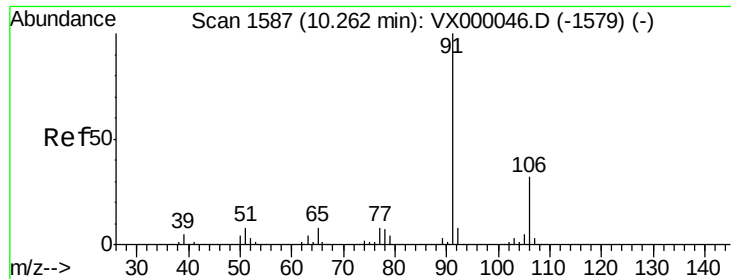
MM Dadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.93 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion:131 Resp: 25362
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 64.8 31.7 95.1





#67

Ethyl Benzene

Concen: 20.00 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

Tot Ion: 91 Resp: 117305

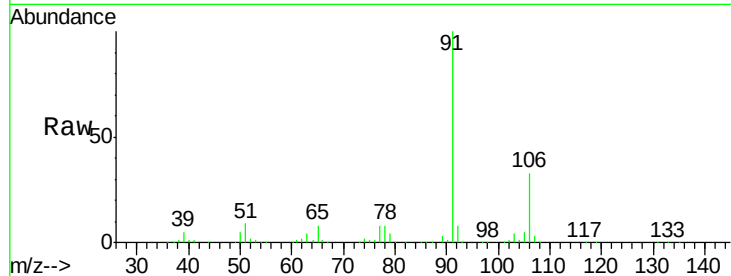
Ion Ratio Lower Upper

91 100

106 33.0 25.9 38.9

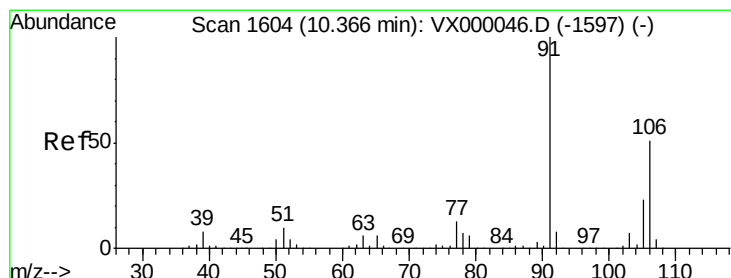
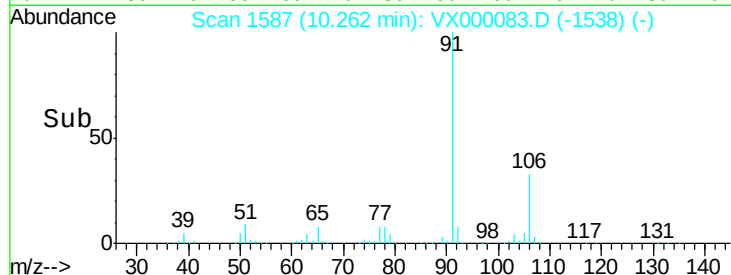
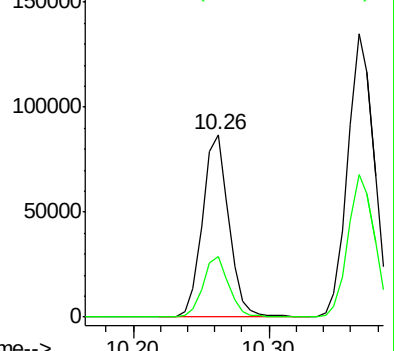
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.65 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000083.D

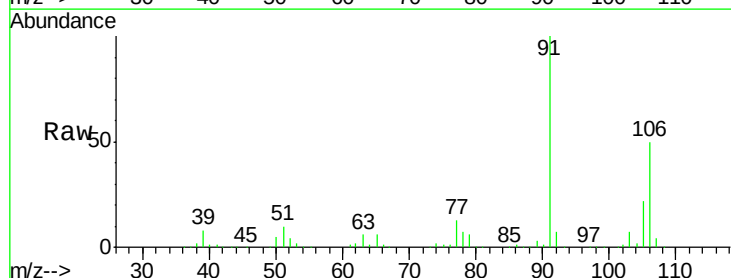
Acq: 13 Feb 2018 18:41

Tgt Ion: 106 Resp: 92626

Ion Ratio Lower Upper

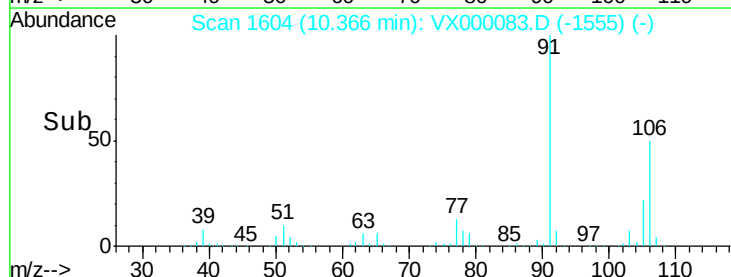
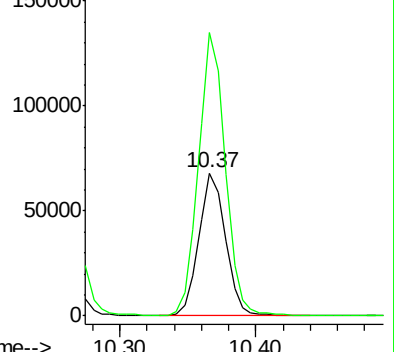
106 100

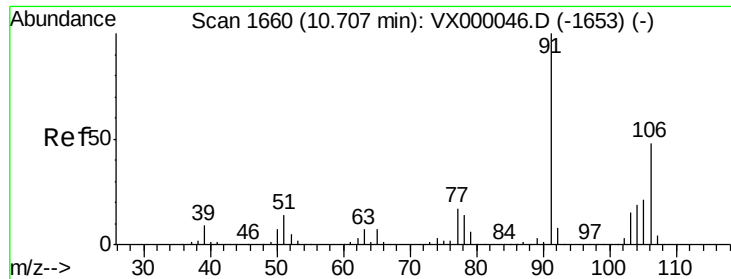
91 200.3 158.3 237.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





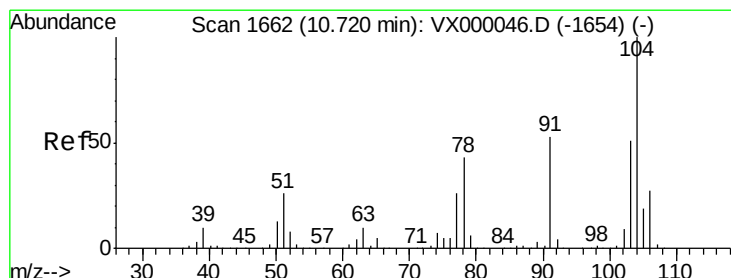
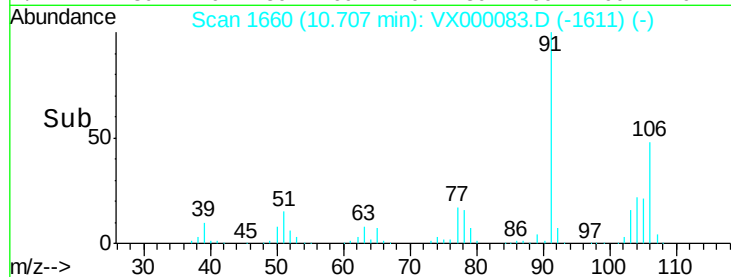
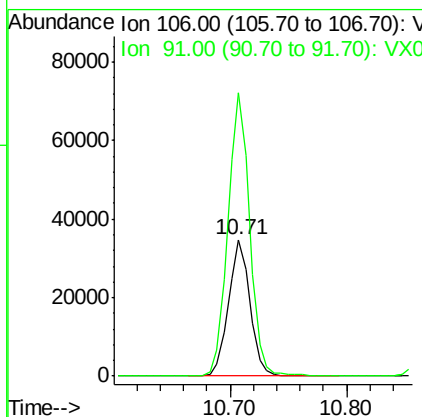
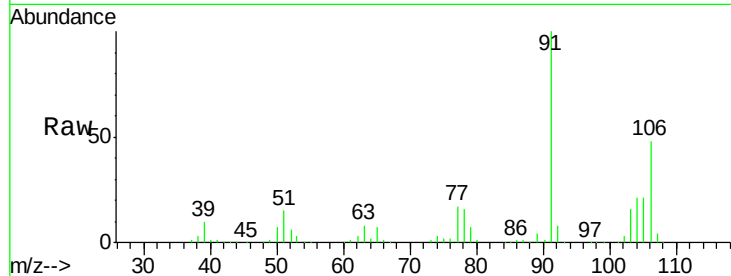
#69
o-Xylene
Concen: 19.77 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tot Ion:106 Resp: 44574
Ion Ratio Lower Upper
106 100
91 210.3 104.0 312.0

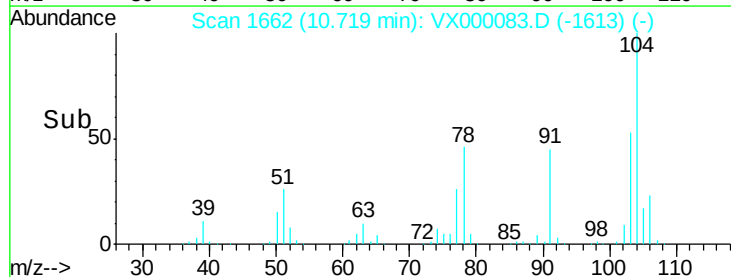
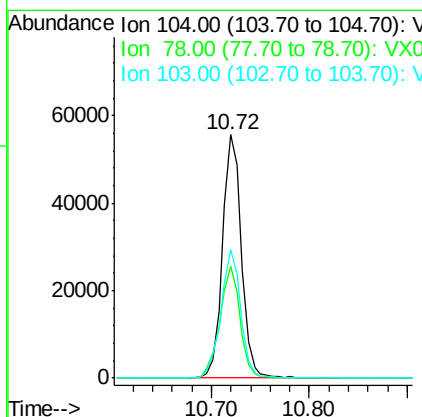
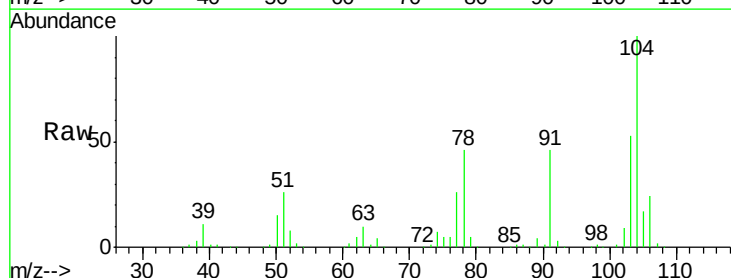
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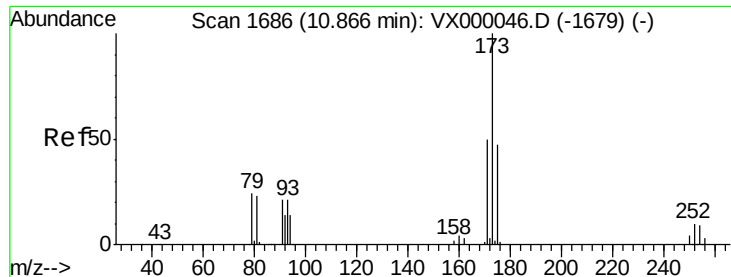
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#70
Styrene
Concen: 19.54 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion:104 Resp: 74440
Ion Ratio Lower Upper
104 100
78 49.4 37.7 56.5
103 55.5 44.0 66.0





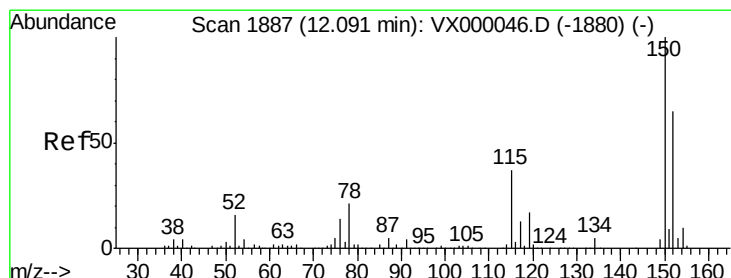
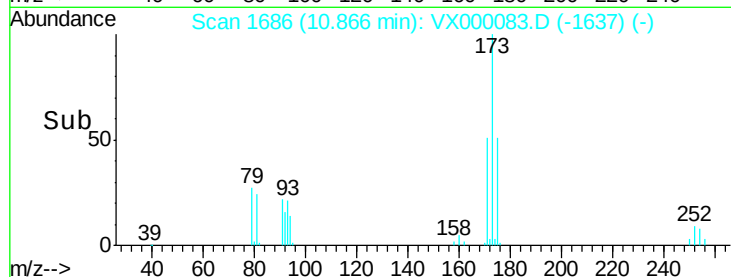
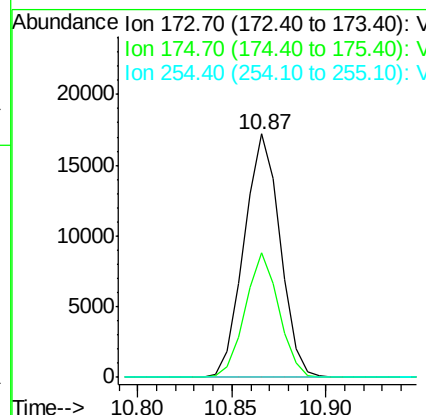
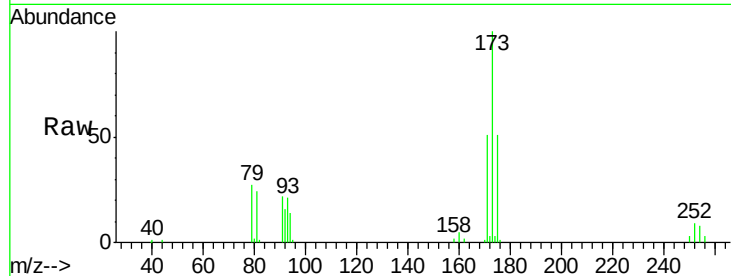
#71
Bromoform
Concen: 18.98 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
Client Sampled :
VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.9	71.8
254	0.0	0.1	0.1

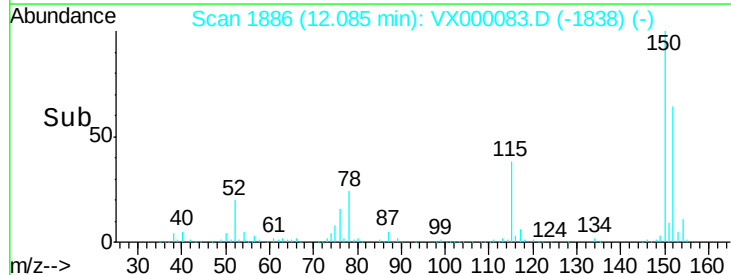
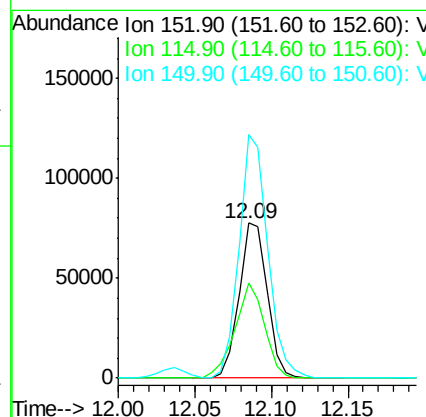
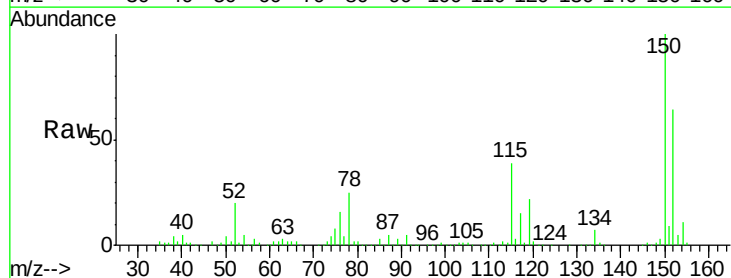
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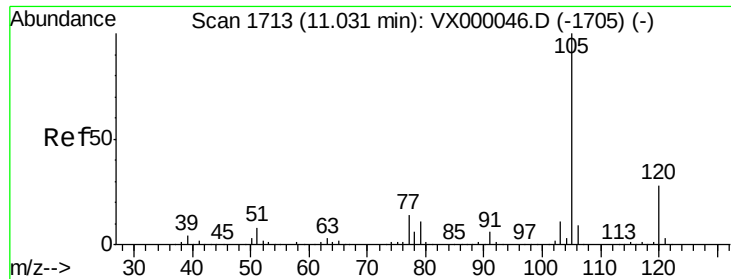
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	39.3	117.8
150	160.6	0.0	349.2





#73

Isopropylbenzene

Concen: 19.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

Tot Ion:105 Resp: 120973

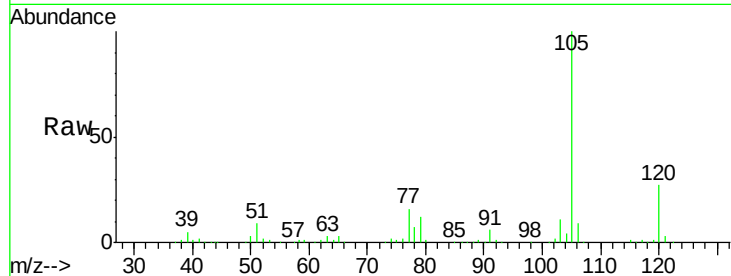
Ion Ratio Lower Upper

105 100

120 27.4 13.8 41.3

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

100000

80000

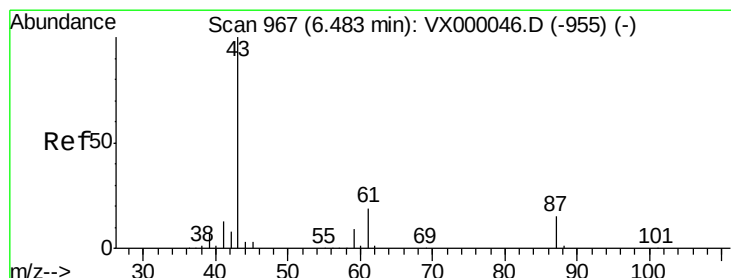
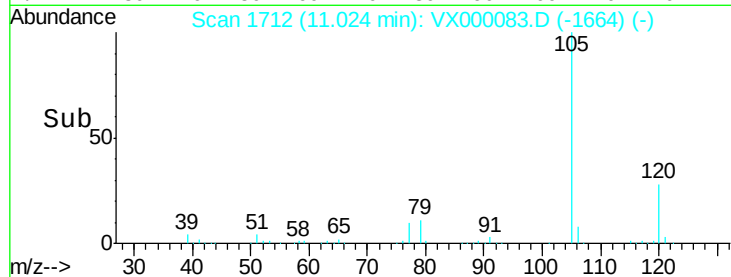
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 19.40 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion: 43 Resp: 60715

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.8 15.9 23.9

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

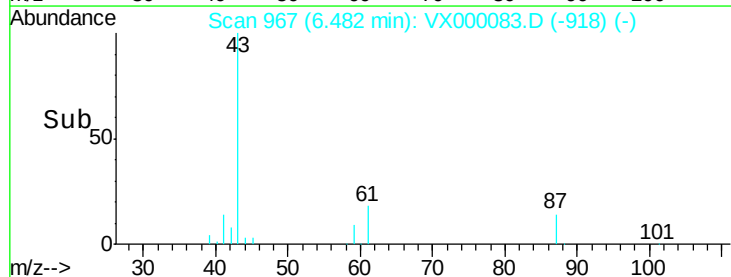
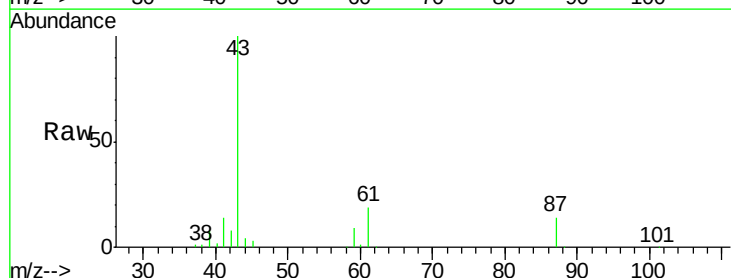
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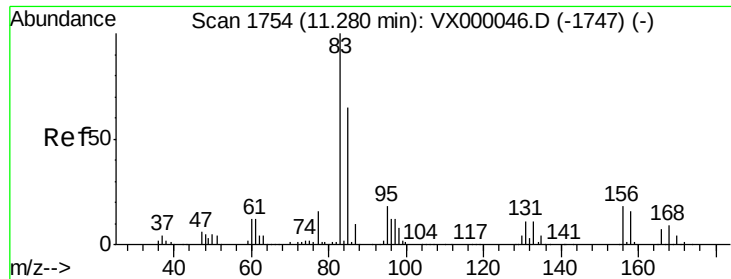
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.76 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

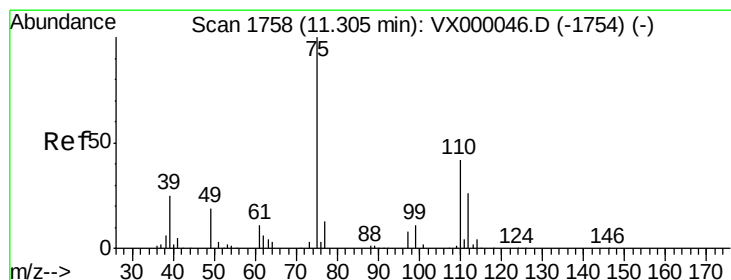
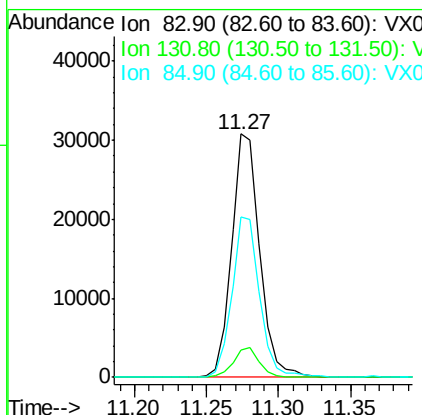
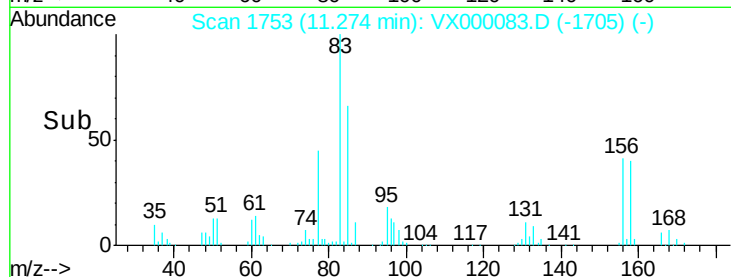
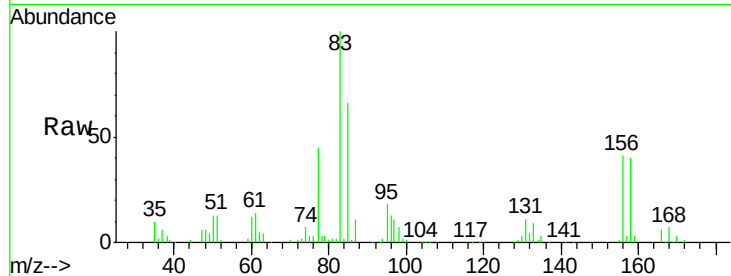
ClientSampled :

VX0213WBSD01

Tot Ion:	83	Resp:	42022
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.5	16.7
85	65.2	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 20.65 ug/l m

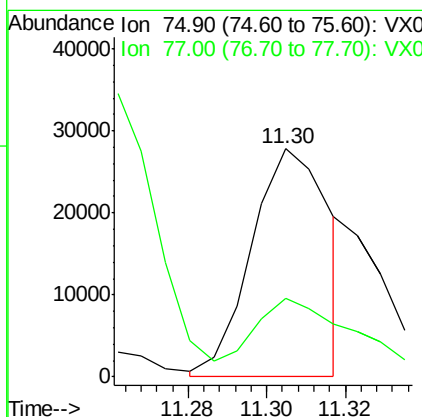
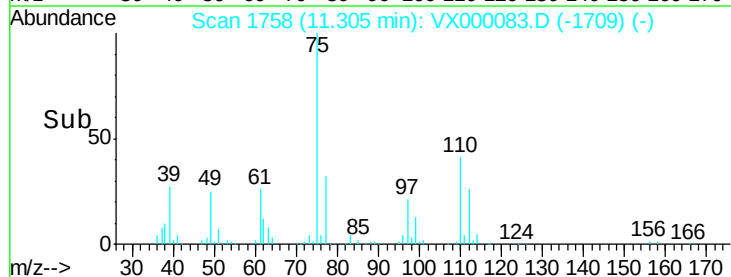
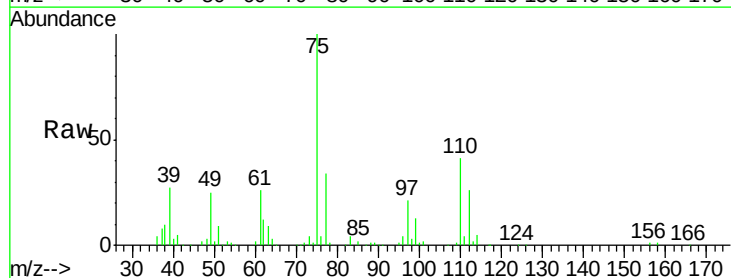
RT: 11.30 min Scan# 1758

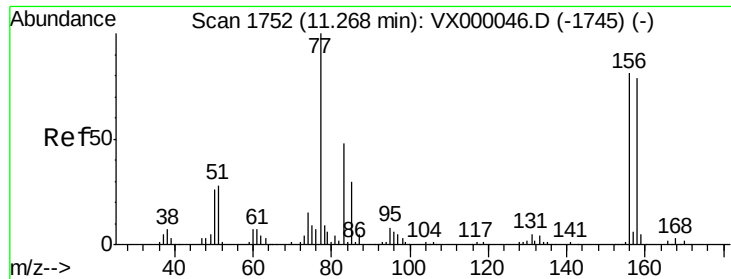
Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion:	75	Resp:	38321
Ion	Ratio	Lower	Upper
75	100		
77	44.7	23.7	71.1





#77

Bromobenzene

Concen: 19.08 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

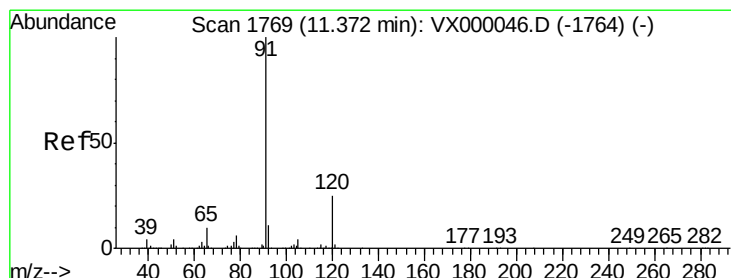
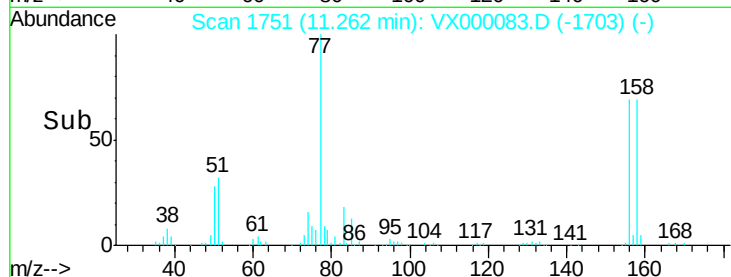
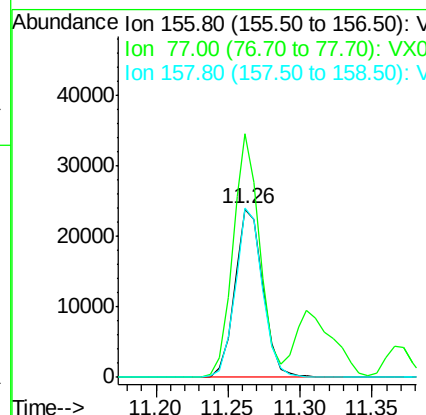
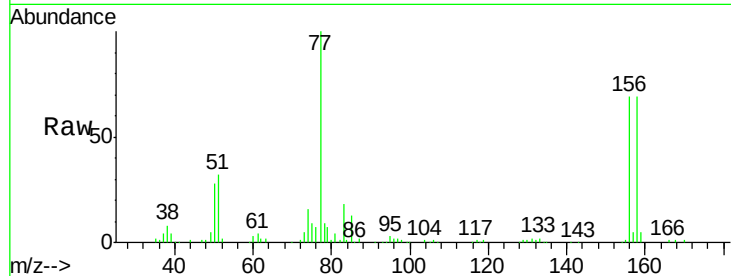
ClientSampled :

VX0213WBSD01

Tot Ion:	156	Resp:	32364
Ion Ratio	Lower	Upper	
156	100		
77	138.6	66.2	198.6
158	97.9	48.6	145.9

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#78

n-propylbenzene

Concen: 19.40 ug/l

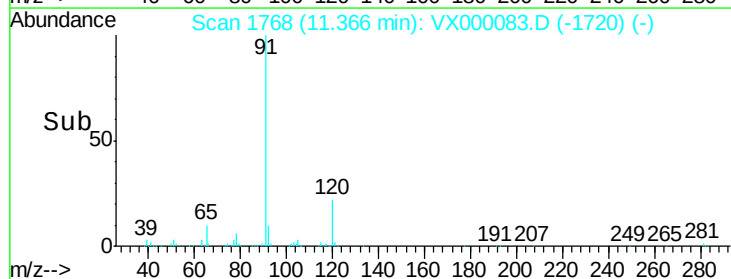
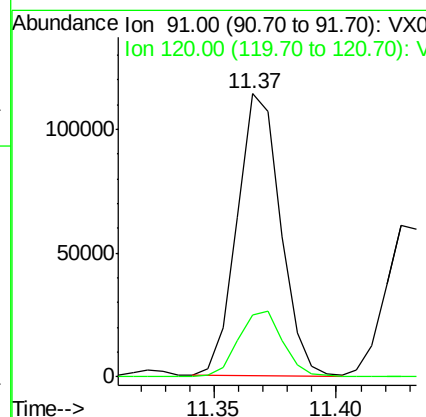
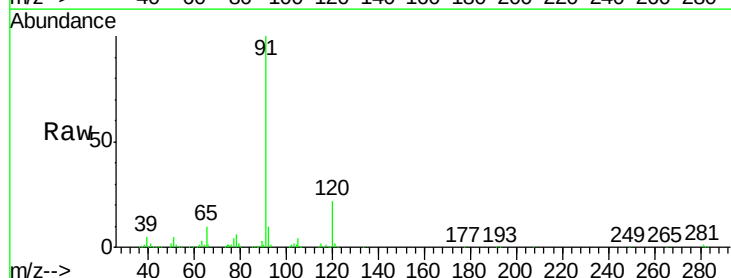
RT: 11.37 min Scan# 1768

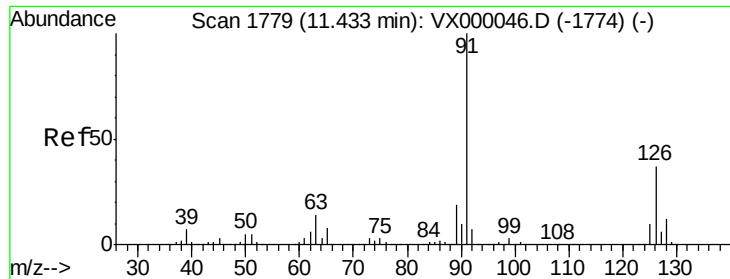
Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion:	91	Resp:	140673
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.2	36.6





#79

2-Chlorotoluene

Concen: 19.19 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

Tot Ion: 91 Resp: 80442

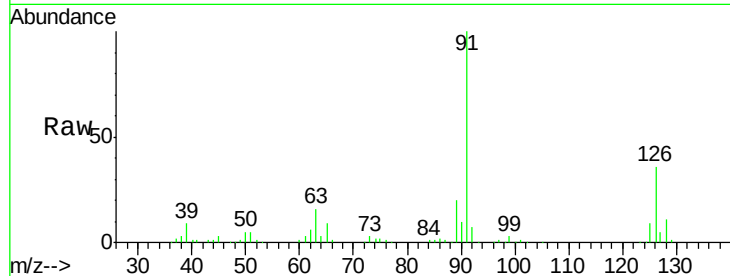
Ion Ratio Lower Upper

91 100

126 36.9 18.2 54.6

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Abundance Ion 91.00 (90.70 to 91.70): VX000046.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000046.D (-1774) (-)

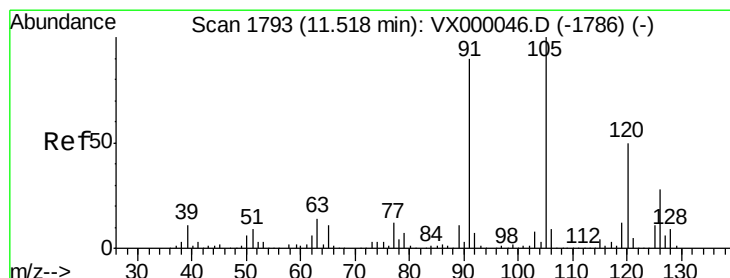
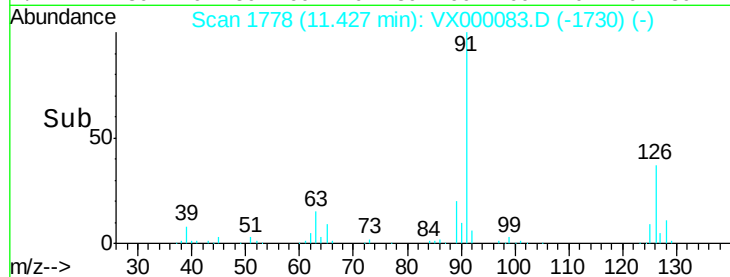
100000

50000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.42 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000083.D

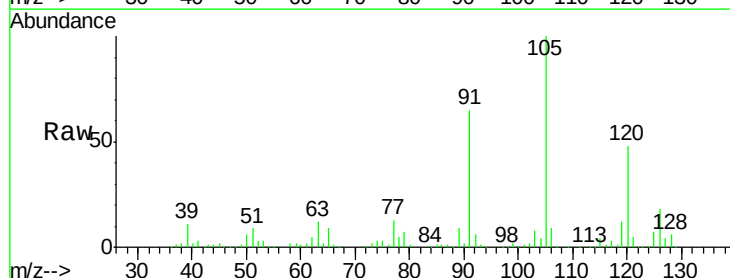
Acq: 13 Feb 2018 18:41

Tgt Ion: 105 Resp: 101749

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VX000046.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000046.D (-1786) (-)

80000

60000

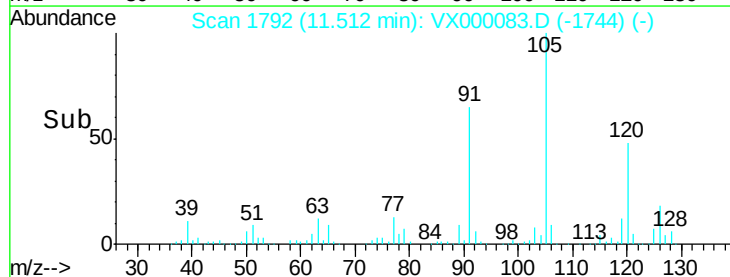
40000

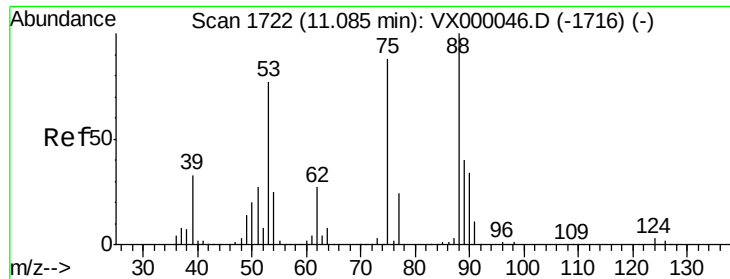
20000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.34 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

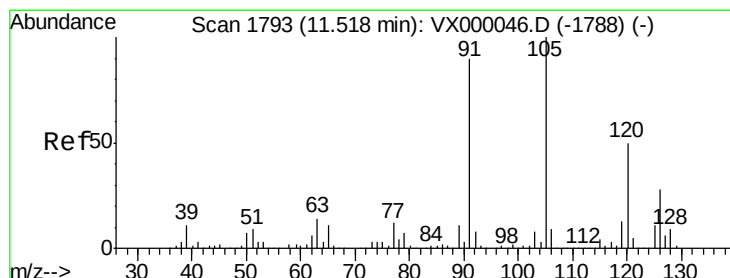
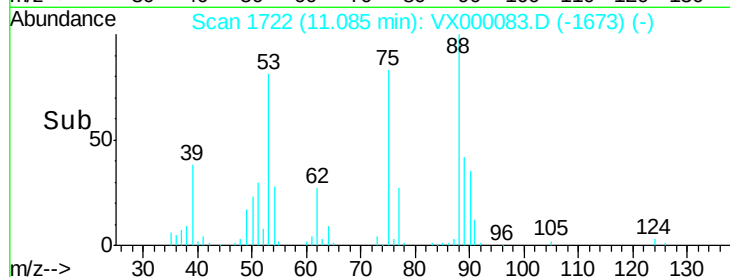
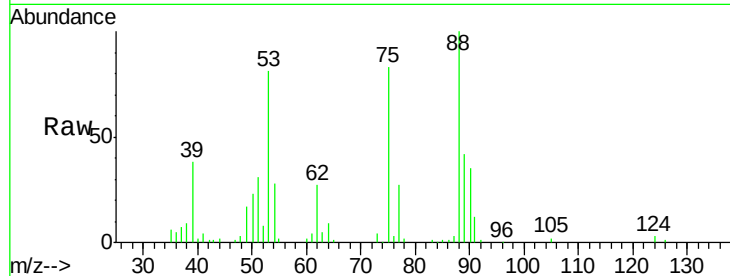
ClientSampled :

VX0213WBSD01

Tot Ion:	75	Resp:	13758
Ion	Ratio	Lower	Upper
75	100		
53	94.6	70.3	105.5
89	50.1	48.6	72.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.45 ug/l

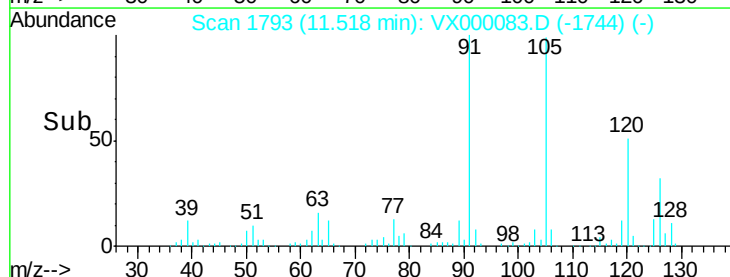
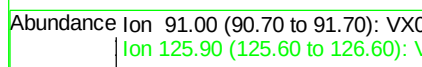
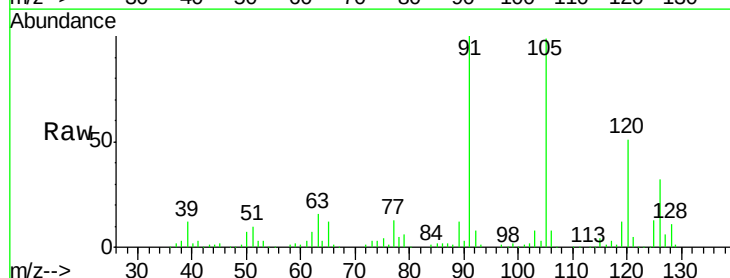
RT: 11.52 min Scan# 1793

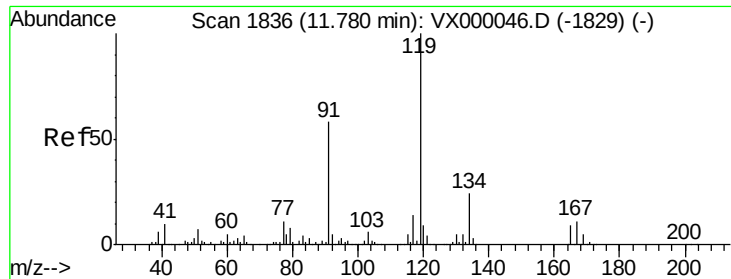
Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion:	91	Resp:	97437
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.3	48.8





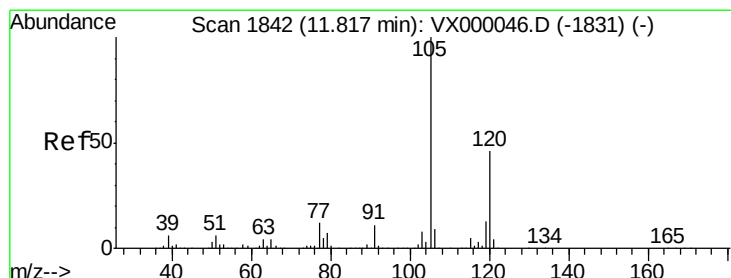
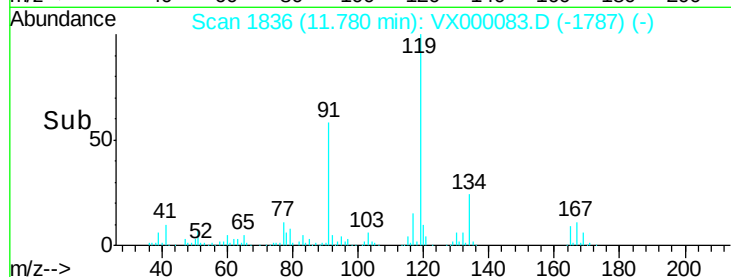
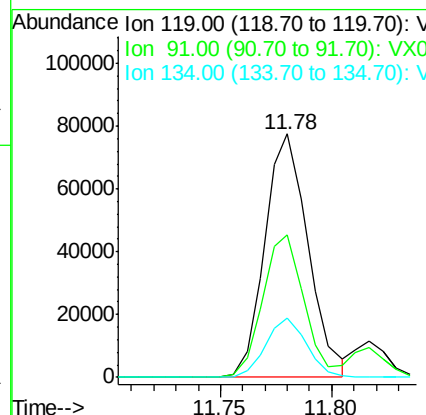
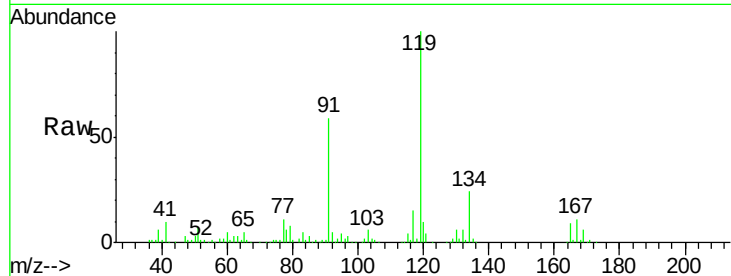
#83
 tert-Butylbenzene
 Concen: 19.80 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampled :
 VX0213WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	104805		
91	55.2	27.9	83.7	
134	23.1	11.7	35.1	

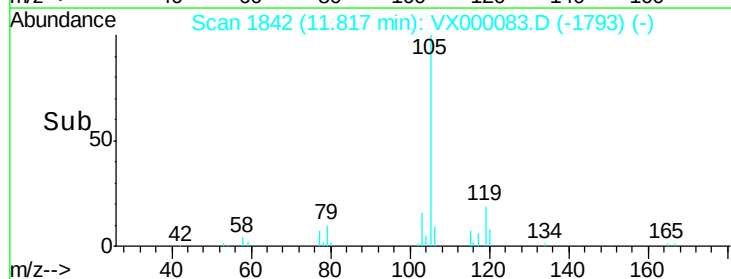
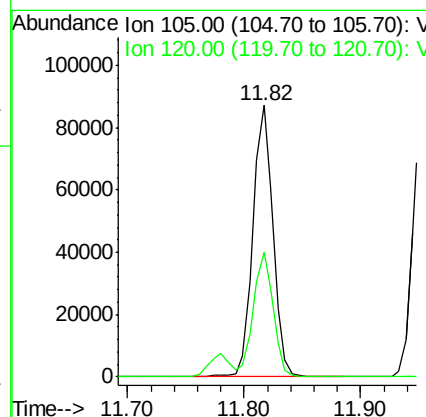
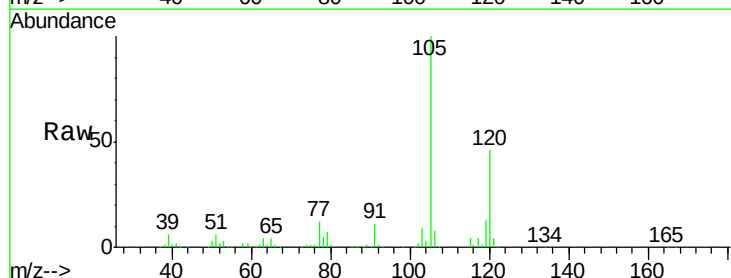
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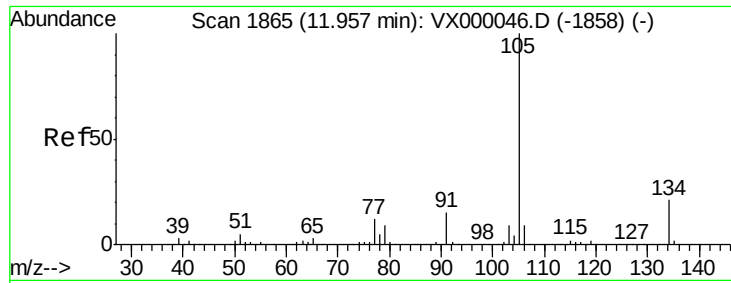
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.63 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	105235		
120	45.6	23.4	70.2	





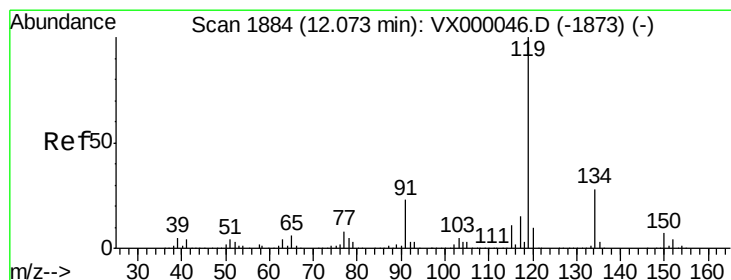
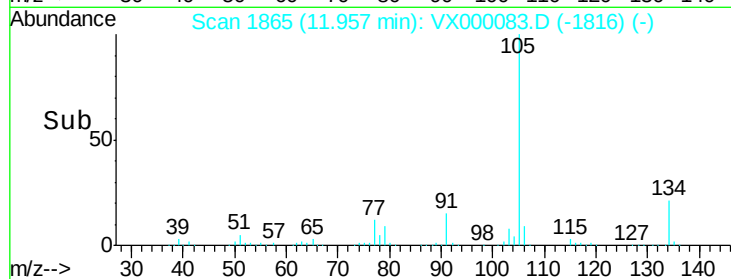
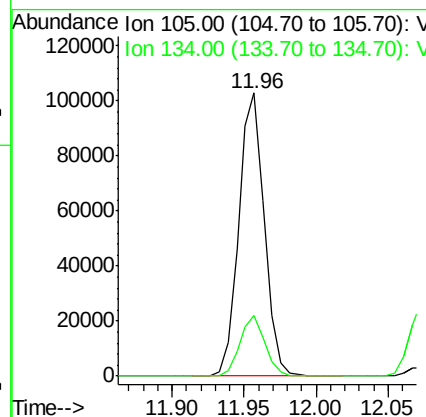
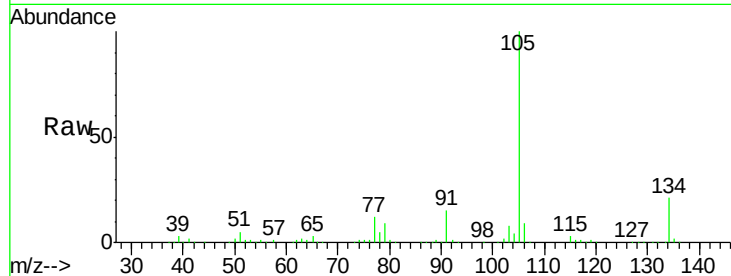
#85
 sec-Butylbenzene
 Concen: 19.46 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampled :
 VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.6	31.8

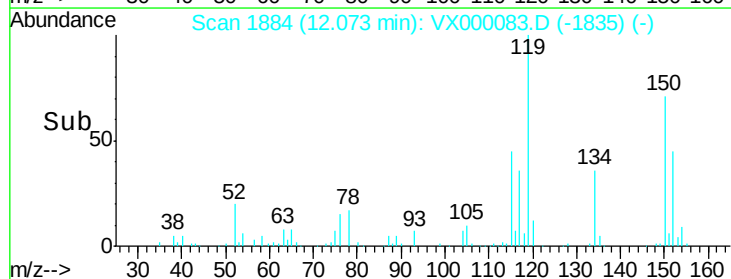
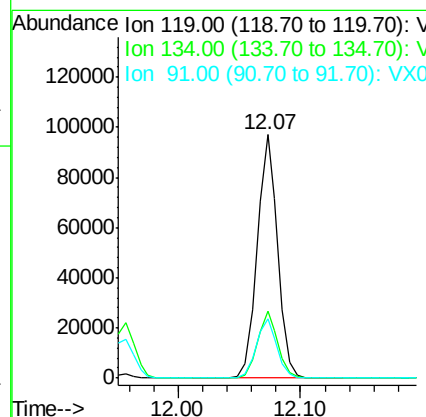
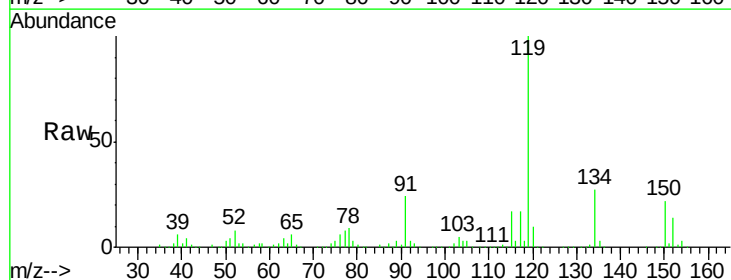
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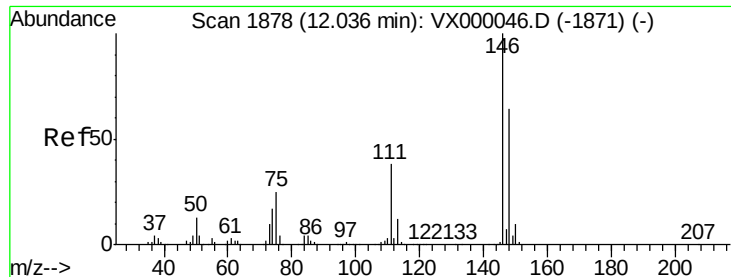
MMDadoda
 2/16/2018 2:28:08 PM



#86
 p-Isopropyltoluene
 Concen: 19.33 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	14.0	41.9
91	24.3	11.6	34.7





#87

1,3-Dichlorobenzene

Concen: 19.53 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

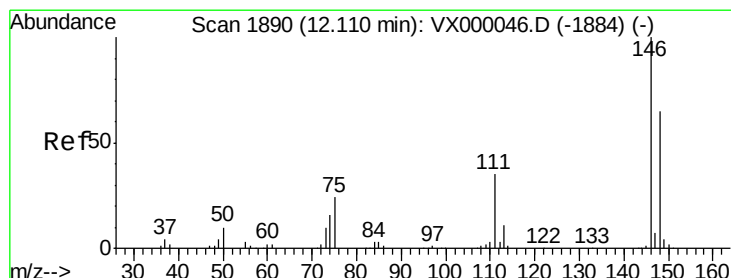
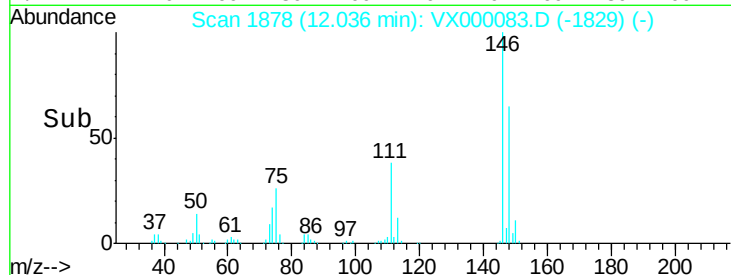
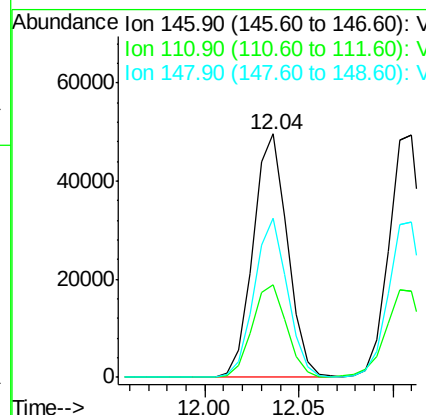
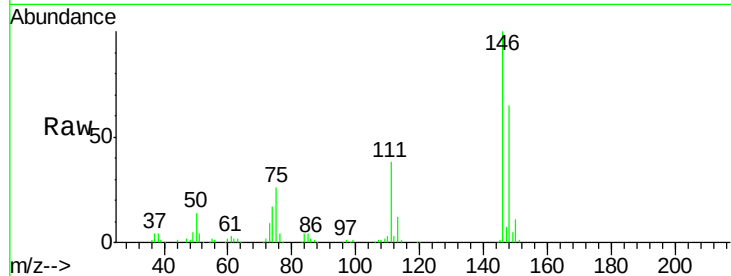
ClientSampled :

VX0213WBSD01

Tot Ion:	146	Resp:	62440
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.9	56.9
148	63.6	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.32 ug/l

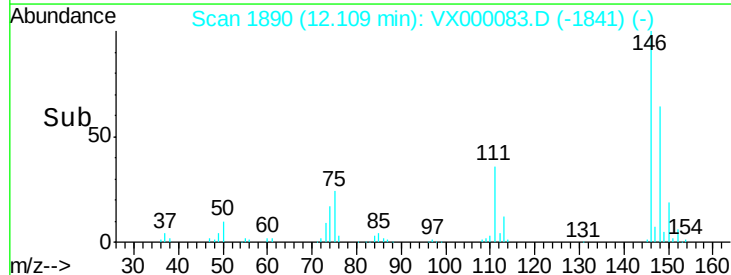
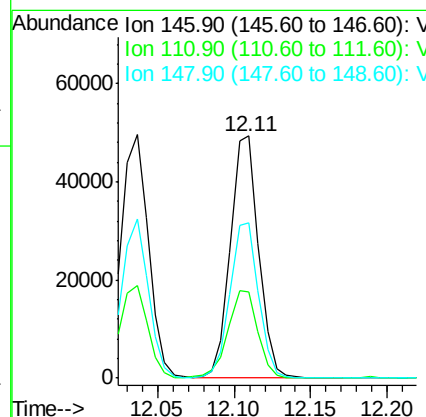
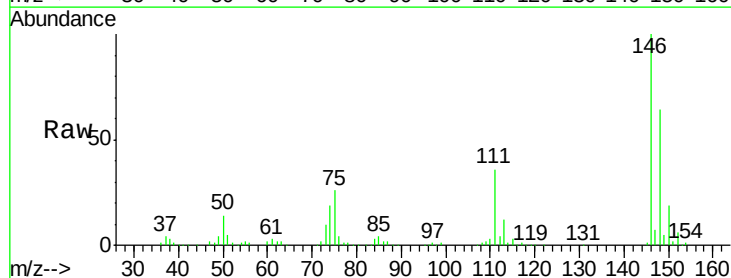
RT: 12.11 min Scan# 1890

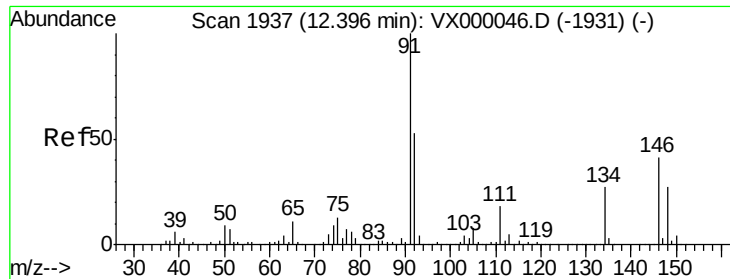
Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion:	146	Resp:	63189
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.7	56.1
148	64.8	32.1	96.5





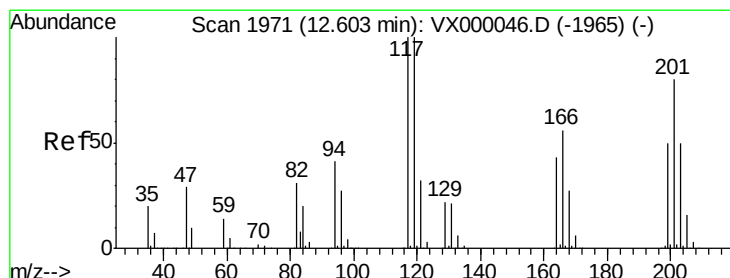
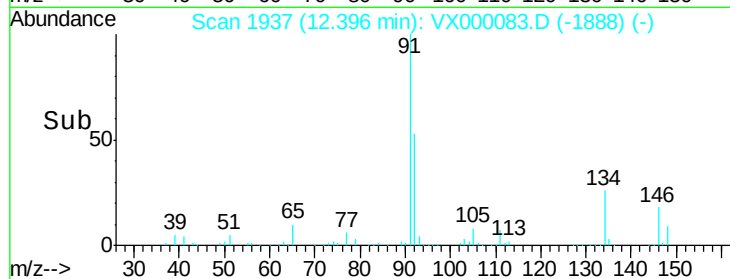
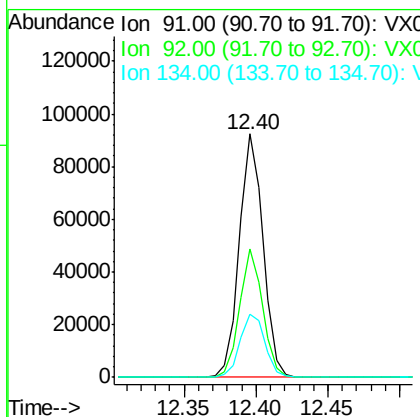
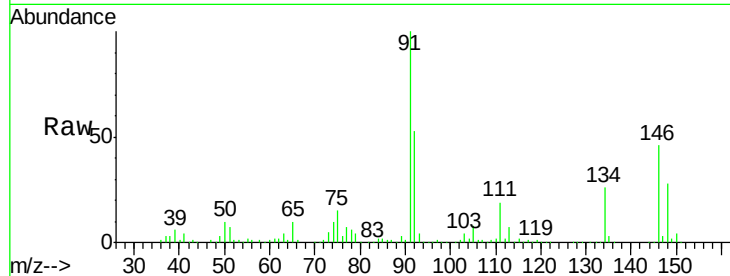
#89
n-Butylbenzene
Concen: 19.39 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.1	78.2
134	27.1	14.1	42.2

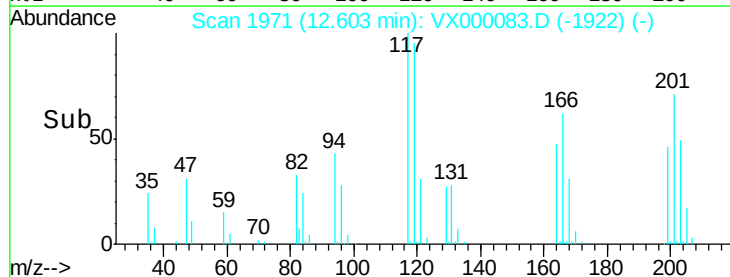
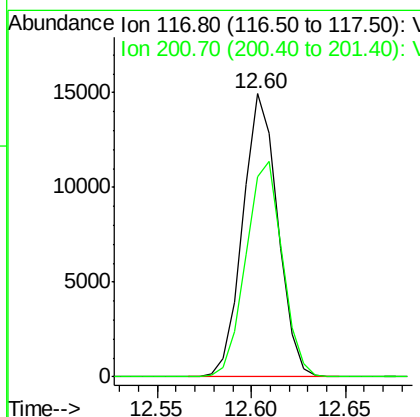
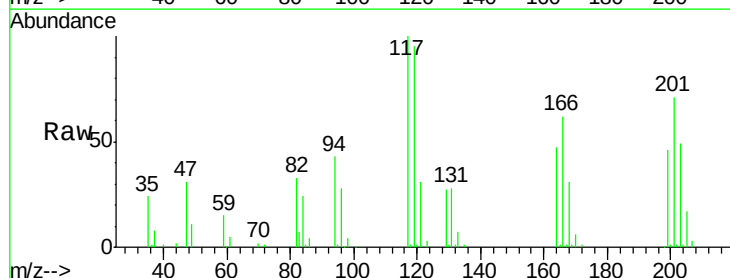
Manual Integrations
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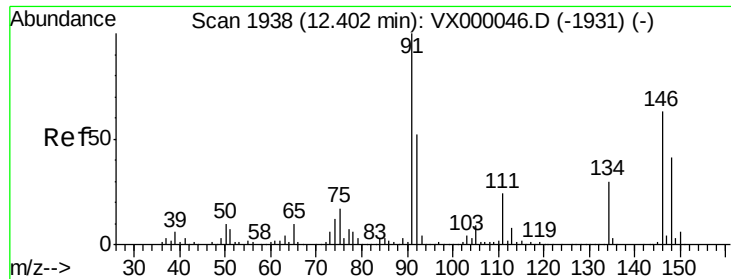
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#90
Hexachloroethane
Concen: 18.82 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	43.5	130.7





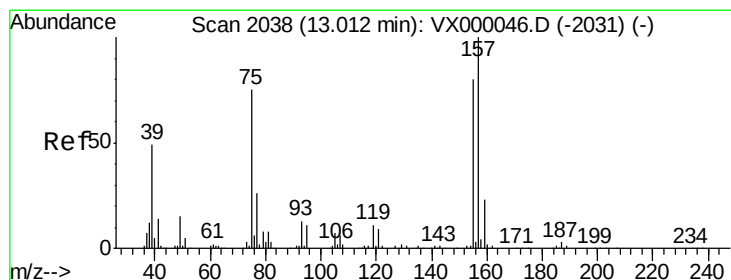
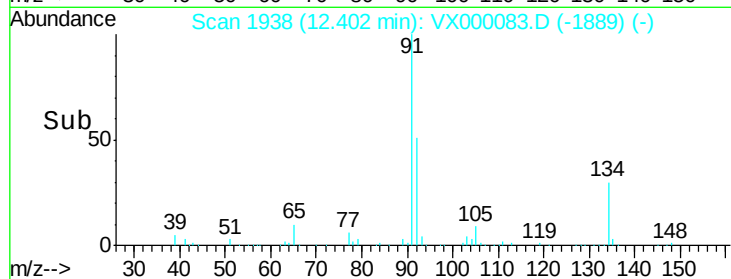
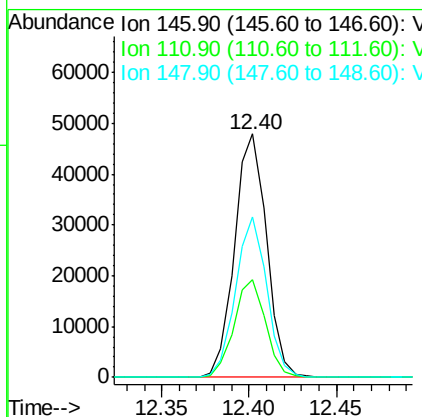
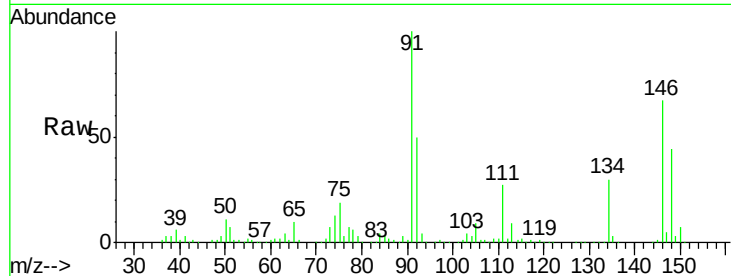
#91
 1,2-Dichlorobenzene
 Concen: 19.47 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampled :
 VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	64.2	32.0	96.2

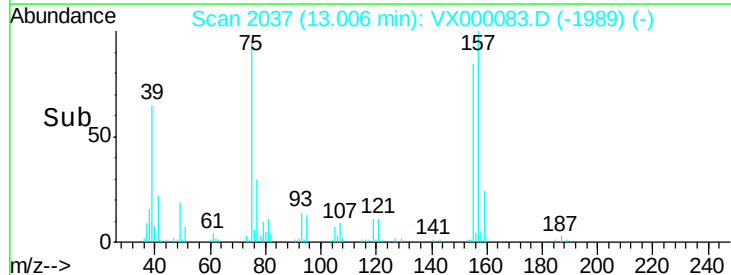
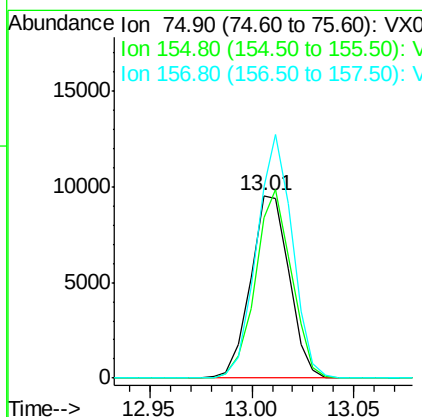
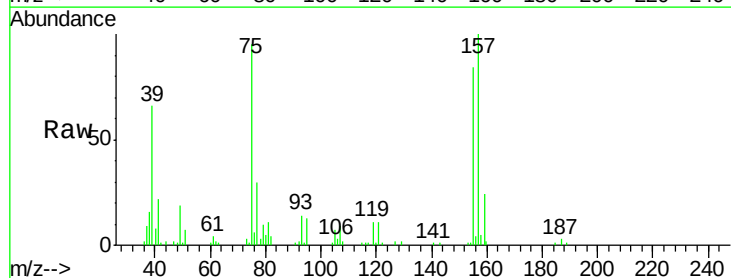
Manual Integrations
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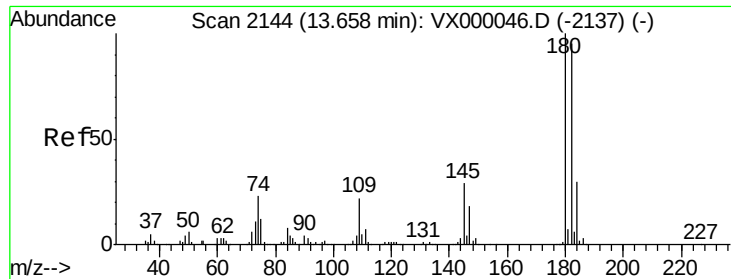
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.54 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	52.0	156.0
157	124.0	65.3	195.9





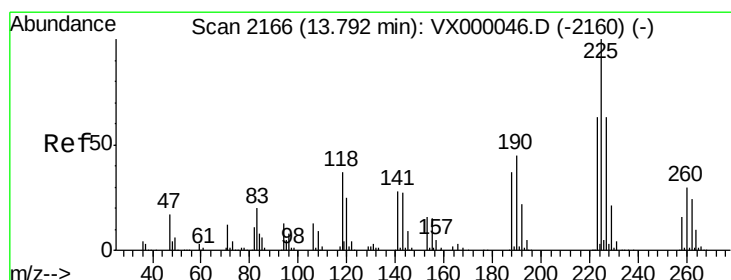
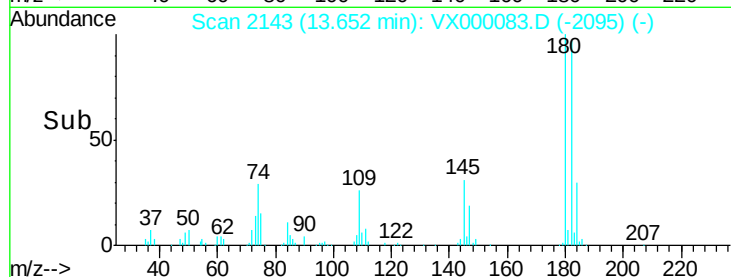
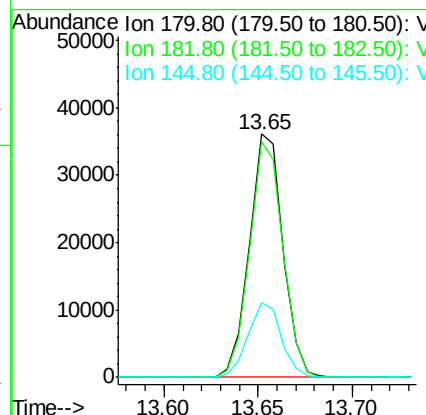
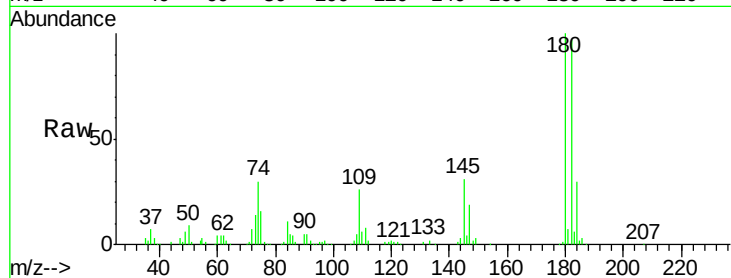
#93
 1,2,4-Trichlorobenzene
 Concen: 18.63 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampleId :
 VX0213WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.0
145	30.4	14.7	44.1

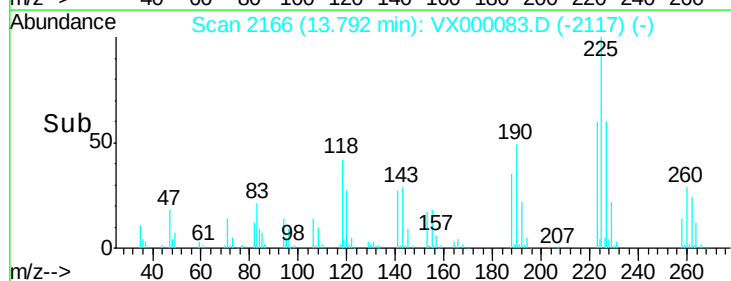
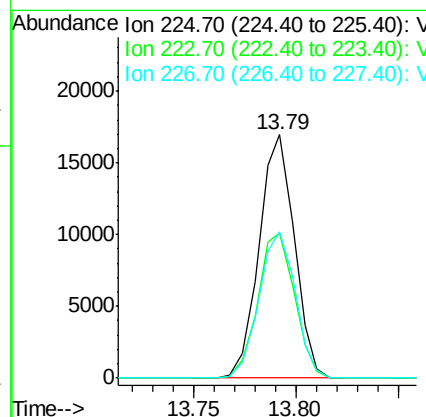
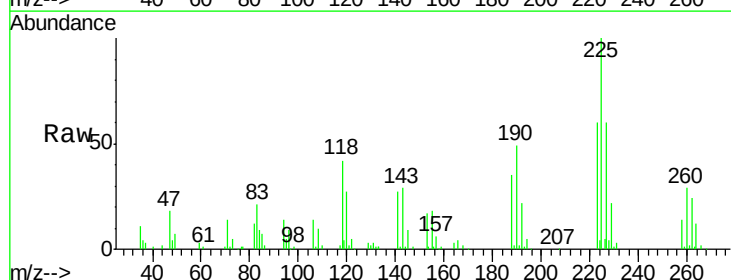
Manual Integrations
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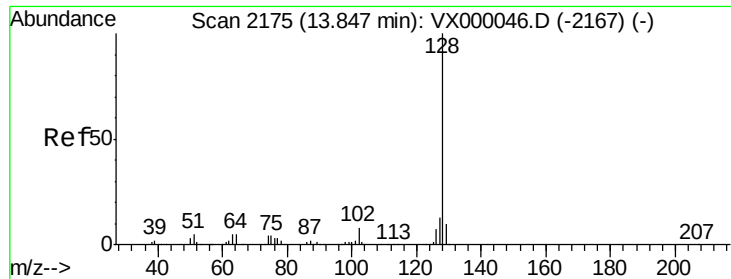
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 18.09 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.9	95.5
227	62.0	31.6	95.0





#95

Naphthalene

Concen: 20.40 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

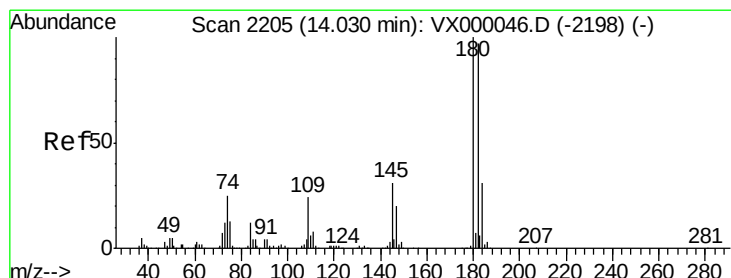
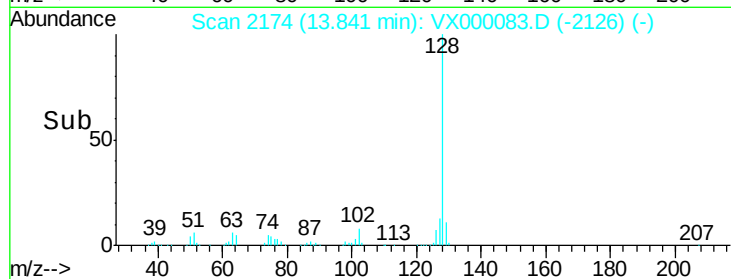
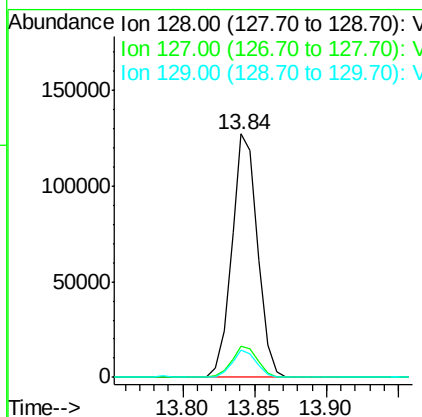
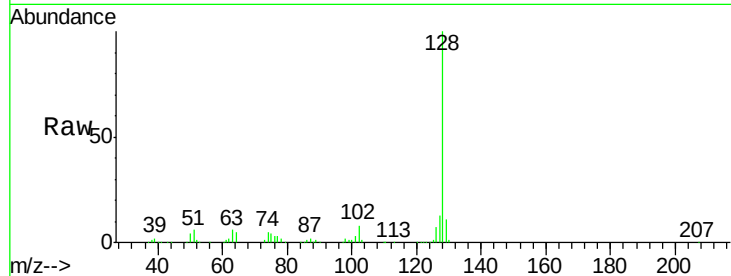
ClientSampled :

VX0213WBSD01

Tot Ion:	128	Resp:	158583
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:08 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.06 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion:	180	Resp:	44372
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.9	143.7
145	31.0	15.7	47.0

