

Data File : VX001008.D

Acq On : 20 Apr 2018 15:01

Operator : JC/MD

Sample : VX0420WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 10 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:39 PM

Quant Time: Apr 21 05:52:46 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	493099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	680928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	642835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	301349	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	5.51	113	247014	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	8.72	98	935454	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.14	95	373268	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66931	10.94	ug/l	98
3) Chloromethane	1.32	50	56131	9.86	ug/l	100
4) Vinyl Chloride	1.41	62	60108	10.18	ug/l	99
5) Bromomethane	1.65	94	41252	9.89	ug/l	97
6) Chloroethane	1.73	64	36007	10.27	ug/l	98
7) Trichlorofluoromethane	1.93	101	89406	10.08	ug/l	99
8) Diethyl Ether	2.19	74	32879	10.04	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50884	9.79	ug/l	99
10) Methyl Iodide	2.51	142	35583	13.49	ug/l	100
11) Tert butyl alcohol	3.07	59	48254	51.19	ug/l	98
12) 1,1-Dichloroethene	2.38	96	47698	9.93	ug/l	98
13) Acrolein	2.29	56	17676	68.49	ug/l	95
14) Allyl chloride	2.73	41	85746	9.86	ug/l	100
15) Acrylonitrile	3.15	53	126184	49.46	ug/l	98
16) Acetone	2.45	43	120236	51.08	ug/l	99
17) Carbon Disulfide	2.57	76	127716	9.33	ug/l	100
18) Methyl Acetate	2.78	43	78644	11.04	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	162185	10.04	ug/l	98
20) Methylene Chloride	2.86	84	52021	9.24	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	51960	9.72	ug/l	99
22) Diisopropyl ether	3.88	45	170980	10.16	ug/l	98
23) Vinyl Acetate	3.83	43	693397	49.76	ug/l	99
24) 1,1-Dichloroethane	3.70	63	93251	9.88	ug/l	100
25) 2-Butanone	4.71	43	185783	50.56	ug/l	99
26) 2,2-Dichloropropane	4.60	77	79987	9.85	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59671	10.02	ug/l	99
28) Bromochloromethane	5.03	49	36629	10.09	ug/l	99
29) Tetrahydrofuran	5.17	42	116587	50.21	ug/l	100
30) Chloroform	5.23	83	98398	10.06	ug/l	99
31) Cyclohexane	5.59	56	85890	9.75	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	88489	10.09	ug/l	99
36) 1,1-Dichloropropene	5.81	75	75409	9.42	ug/l	99
37) Ethyl Acetate	4.87	43	72370	9.86	ug/l	99
38) Carbon Tetrachloride	5.79	117	76180	9.40	ug/l	99

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Instrument :

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ClientSampleId :

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Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:39 PM

Quant Time: Apr 21 05:52:46 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	88312	9.48	ug/l	98
40) Benzene	6.15	78	213865	9.61	ug/l	100
41) Methacrylonitrile	5.07	41	42397	9.25	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81845	9.58	ug/l	100
43) Isopropyl Acetate	6.47	43	121166	9.62	ug/l	100
44) Trichloroethene	7.22	130	64994	9.56	ug/l	99
45) 1,2-Dichloropropane	7.52	63	55964	10.00	ug/l	99
46) Dibromomethane	7.67	93	37220	9.52	ug/l	99
47) Bromodichloromethane	7.90	83	68966	9.53	ug/l	97
48) Methyl methacrylate	7.78	41	65226	9.62	ug/l	99
49) 1,4-Dioxane	7.76	88	20068	201.26	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	384029	50.23	ug/l	98
52) Toluene	8.79	92	141847	9.77	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	84742	9.79	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	79083	9.69	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	56301	9.76	ug/l	98
56) Ethyl methacrylate	9.19	69	83446	9.84	ug/l	99
57) 1,3-Dichloropropane	9.38	76	92306	9.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	203221	49.12	ug/l	100
59) 2-Hexanone	9.51	43	291023	49.73	ug/l	99
60) Dibromochloromethane	9.59	129	57738	9.53	ug/l	99
61) 1,2-Dibromoethane	9.68	107	59838	9.82	ug/l	98
64) Tetrachloroethene	9.34	164	66027	9.67	ug/l	98
65) Chlorobenzene	10.15	112	166805	9.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	57536	9.79	ug/l	99
67) Ethyl Benzene	10.26	91	278290	9.79	ug/l	98
68) m/p-Xylenes	10.37	106	218601	19.51	ug/l	99
69) o-Xylene	10.71	106	105425	9.76	ug/l	100
70) Styrene	10.72	104	173259	9.74	ug/l	98
71) Bromoform	10.87	173	44848	10.48	ug/l	99
73) Isopropylbenzene	11.02	105	286897	10.25	ug/l	100
74) N-amyl acetate	6.47	43	121166	10.12	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	81338	10.26	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	76810m	10.34	ug/l	
77) Bromobenzene	11.26	156	81990	10.09	ug/l	98
78) n-propylbenzene	11.37	91	324457	10.09	ug/l	99
79) 2-Chlorotoluene	11.43	91	192445	10.13	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	242175	10.20	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19261	10.68	ug/l	93
82) 4-Chlorotoluene	11.52	91	232676	10.14	ug/l	99
83) tert-Butylbenzene	11.77	119	245269	10.24	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	248579	10.18	ug/l	100
85) sec-Butylbenzene	11.95	105	289611	10.13	ug/l	99
86) p-Isopropyltoluene	12.07	119	270234	10.22	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	152398	10.02	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156081	9.99	ug/l	98
89) n-Butylbenzene	12.39	91	235700	10.02	ug/l	100
90) Hexachloroethane	12.60	117	36167	9.65	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	147355	10.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17428	10.50	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
Quantitation Report (QT Reviewed)

Data File : VX001008.D
Acq On : 20 Apr 2018 15:01
Operator : JC/MD
Sample : VX0420WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Manual Integrations
APPROVED

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4/23/2018 1:27:39 PM

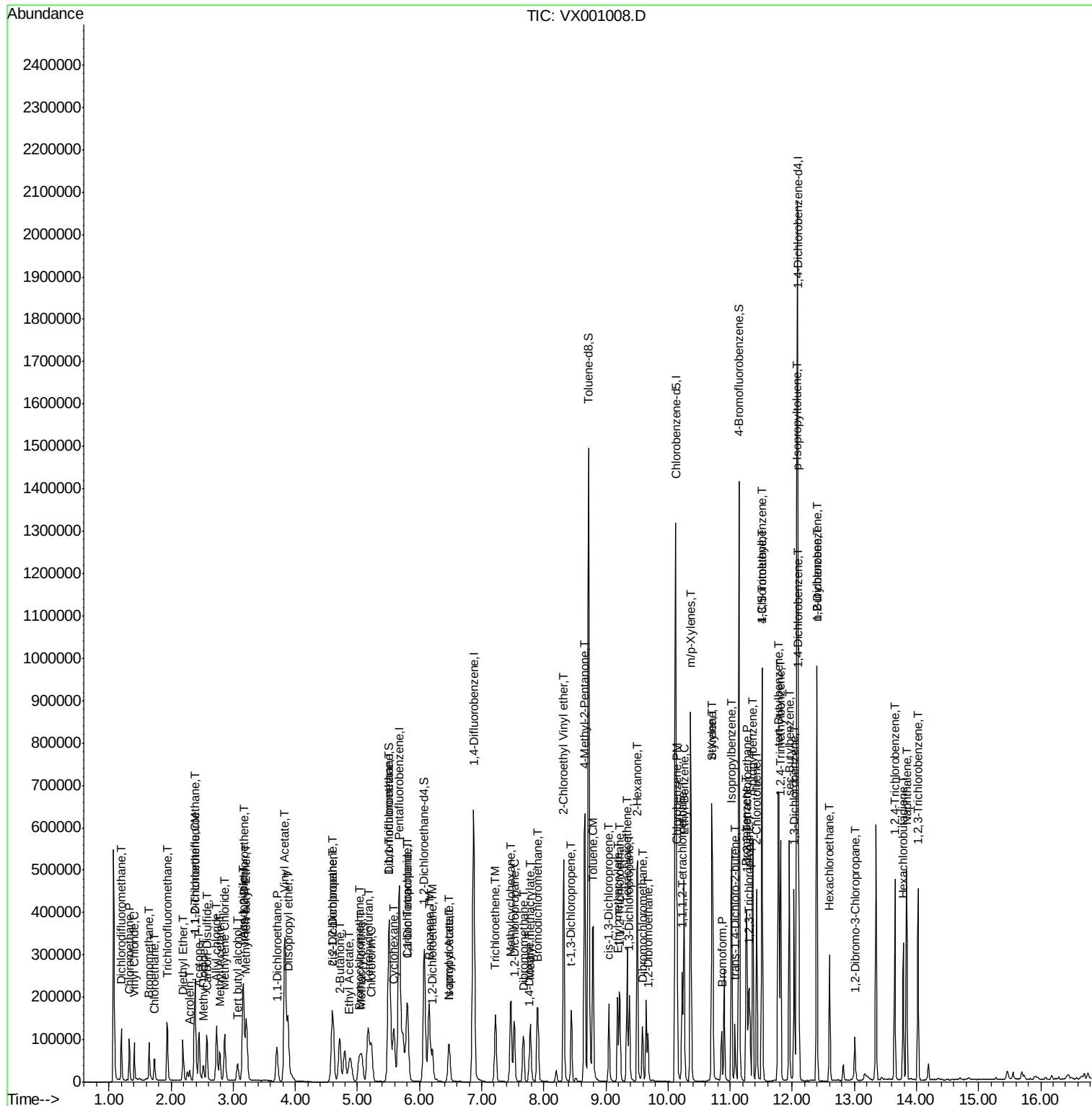
Quant Time: Apr 21 05:52:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

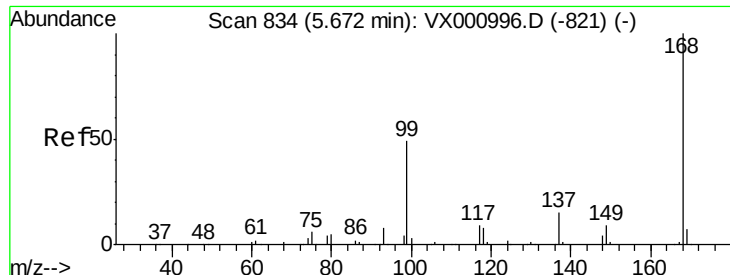
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122259	9.89	ug/l	100
94) Hexachlorobutadiene	13.79	225	53641	9.59	ug/l	98
95) Naphthalene	13.84	128	317145	10.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	118593	9.92	ug/l	100

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

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4/23/2018 1:27:39 PM

Abundance





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 168 Resp: 493099

Ion Ratio Lower Upper

168 100

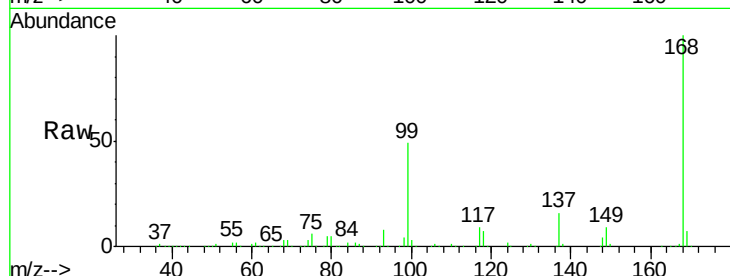
99 49.2 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

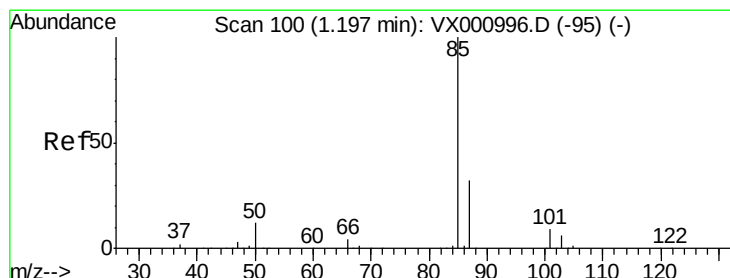
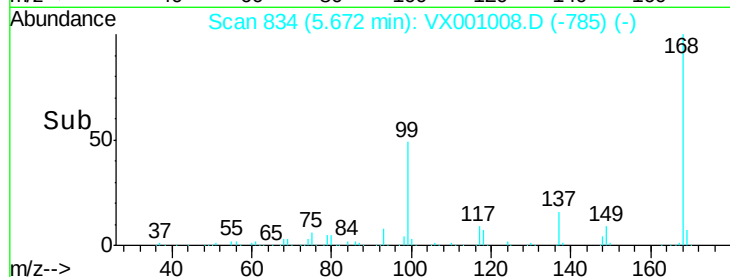
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 10.94 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001008.D

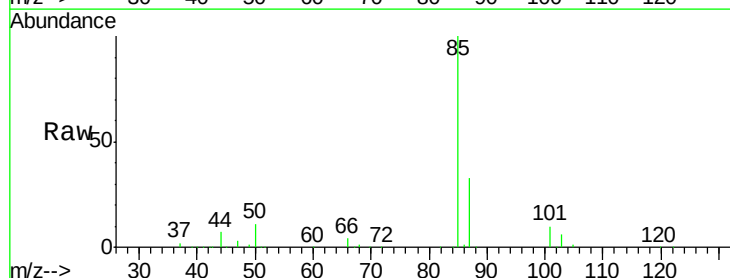
Acq: 20 Apr 2018 15:01

Tgt Ion: 85 Resp: 66931

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

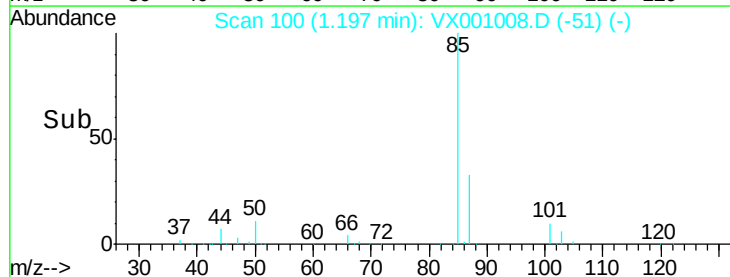
40000

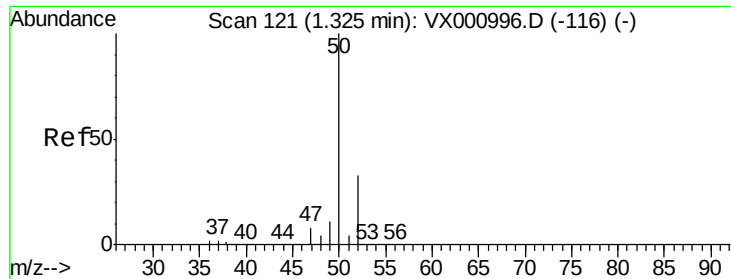
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 9.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 50 Resp: 56131

Ion Ratio Lower Upper

50 100

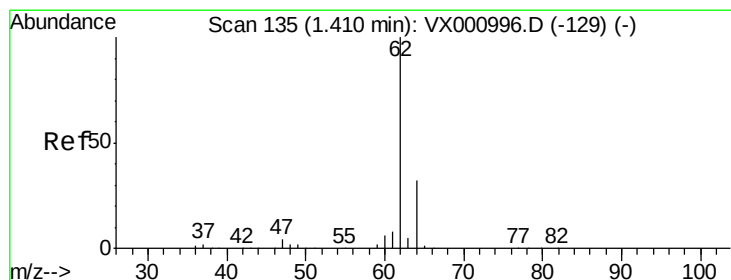
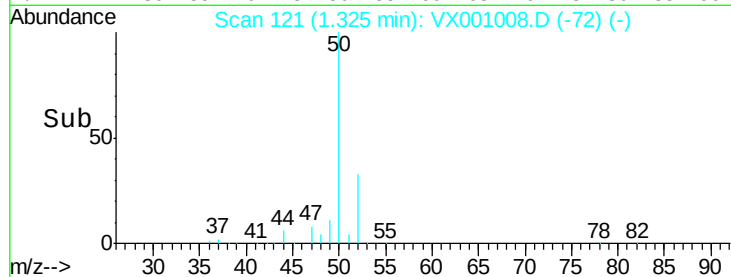
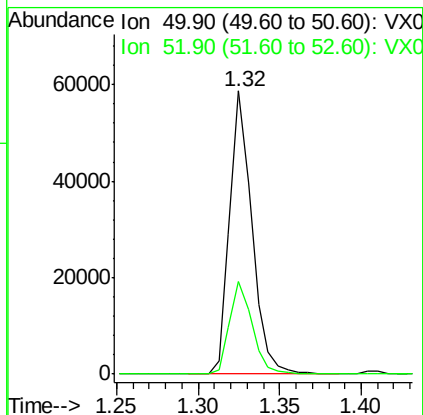
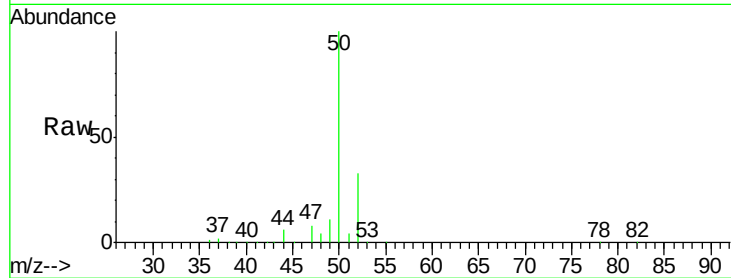
52 32.9 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 10.18 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001008.D

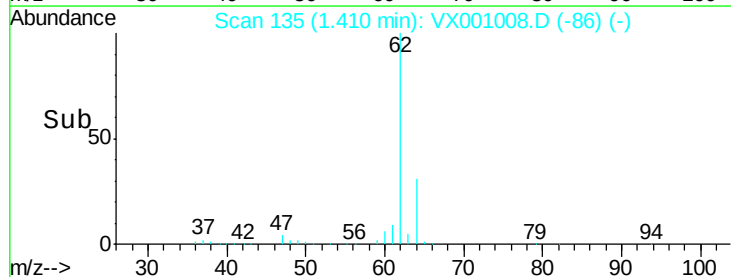
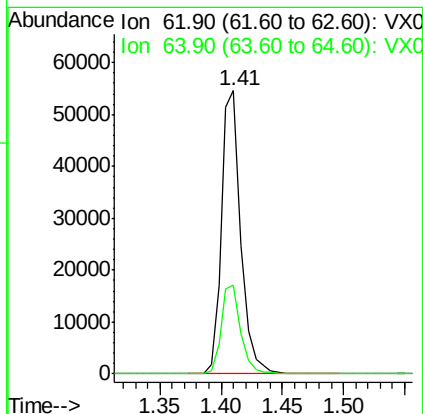
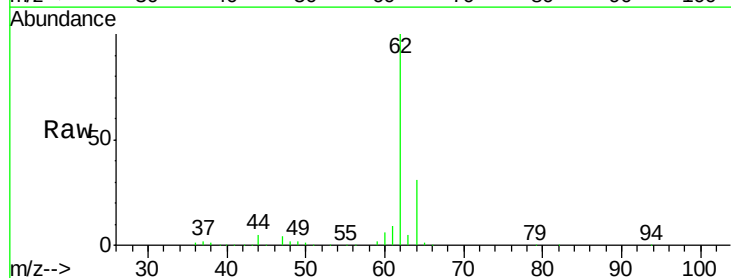
Acq: 20 Apr 2018 15:01

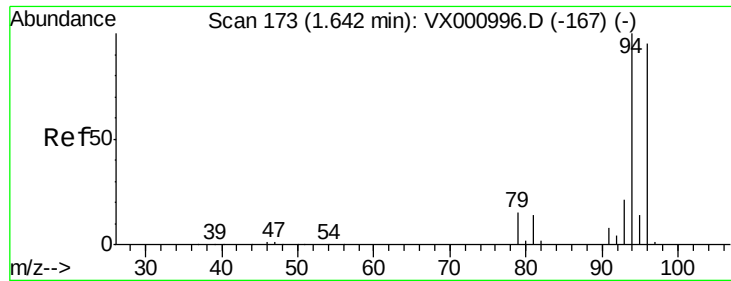
Tgt Ion: 62 Resp: 60108

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 9.89 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 94 Resp: 41252

Ion Ratio Lower Upper

94 100

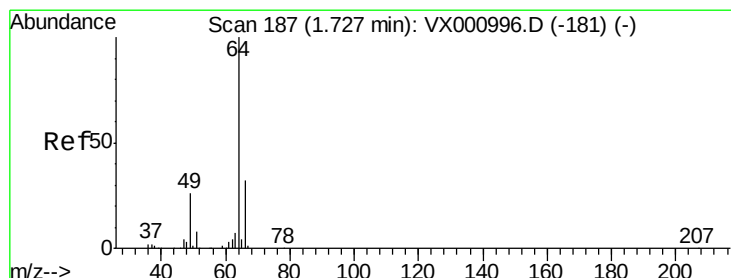
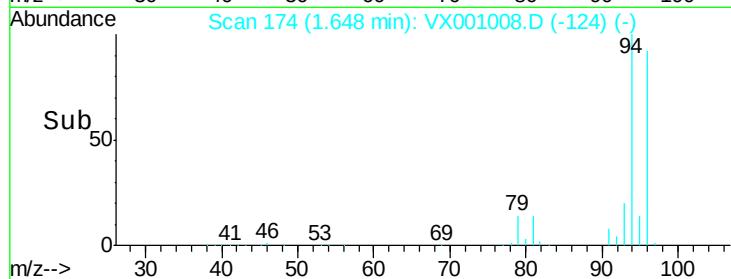
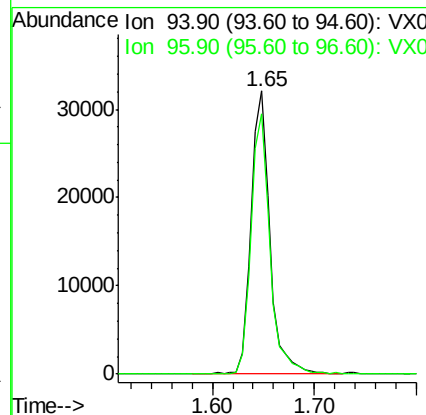
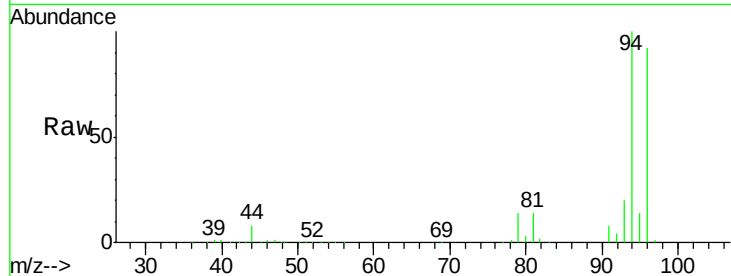
96 92.2 76.0 114.0

Manual Integrations

APPROVED

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4/23/2018 1:27:39 PM



#6

Chloroethane

Concen: 10.27 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001008.D

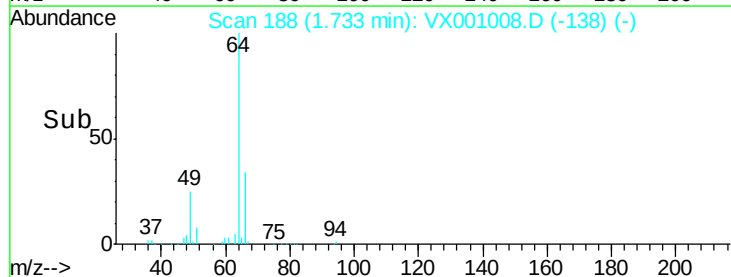
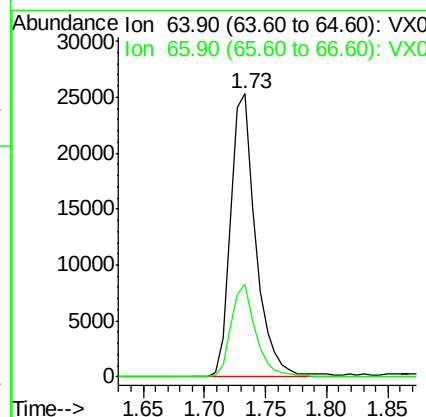
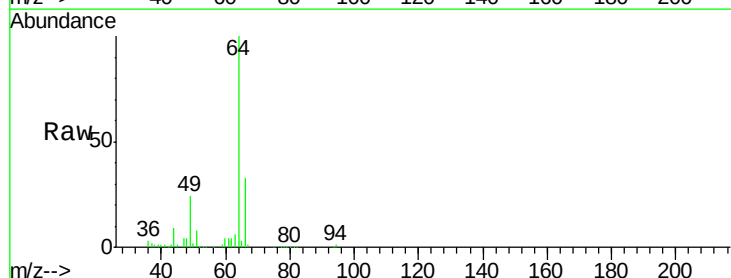
Acq: 20 Apr 2018 15:01

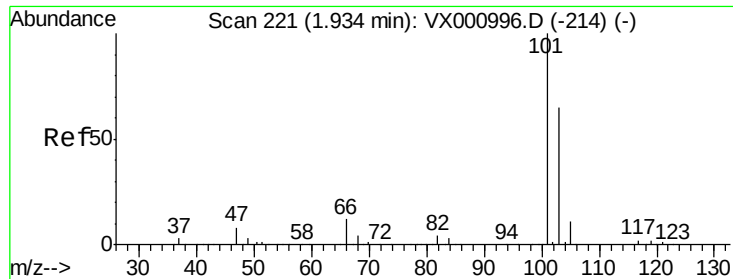
Tgt Ion: 64 Resp: 36007

Ion Ratio Lower Upper

64 100

66 32.9 25.3 37.9





#7

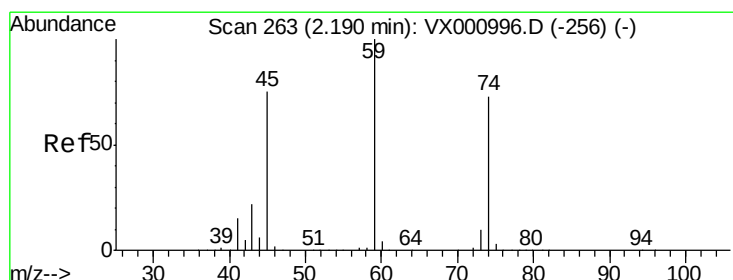
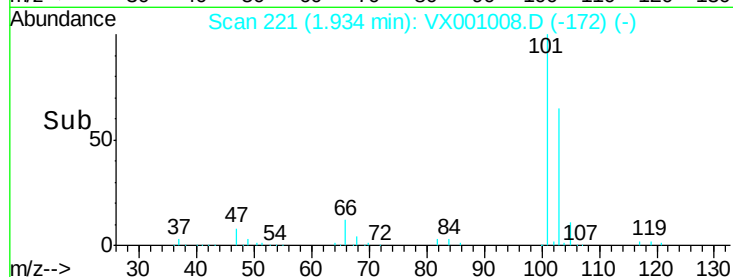
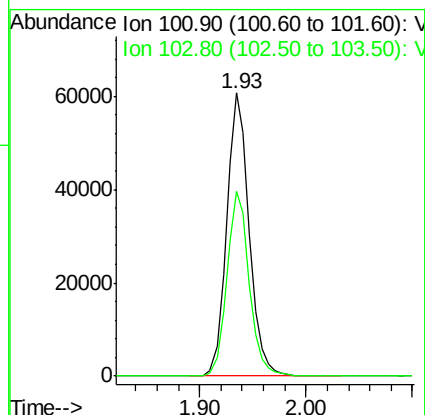
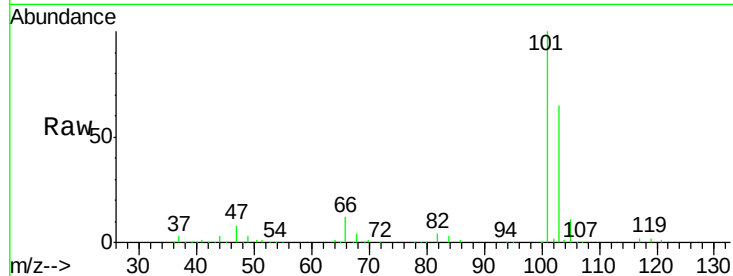
Trichlorofluoromethane
Concen: 10.08 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion: 101 Resp: 89406
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8

Manual Integrations
APPROVED

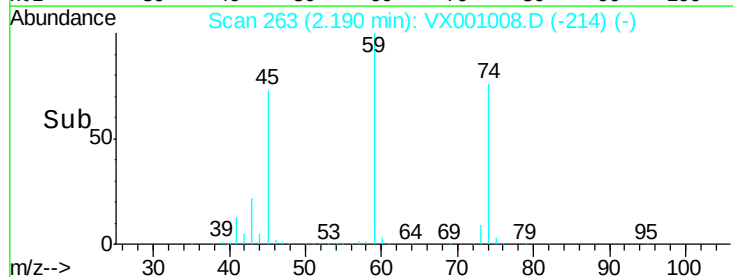
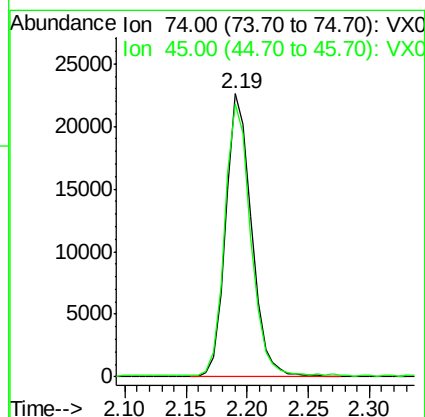
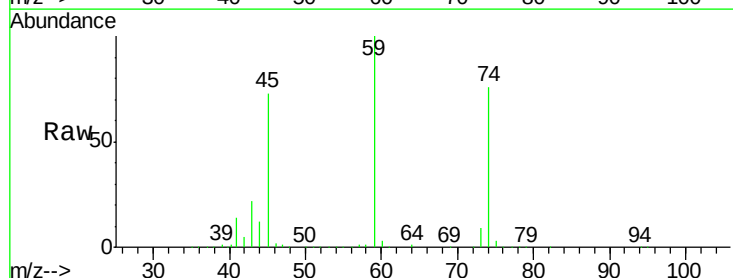
MMDadoda
4/23/2018 1:27:39 PM

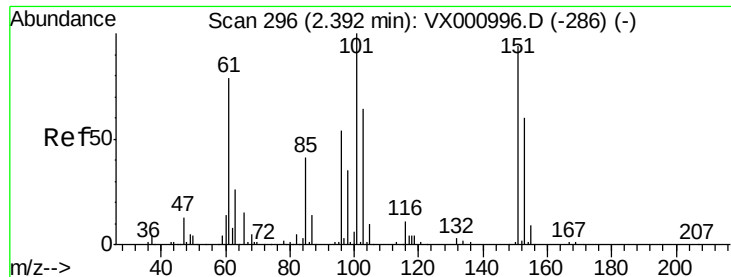


#8

Diethyl Ether
Concen: 10.04 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 74 Resp: 32879
Ion Ratio Lower Upper
74 100
45 96.6 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.79 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

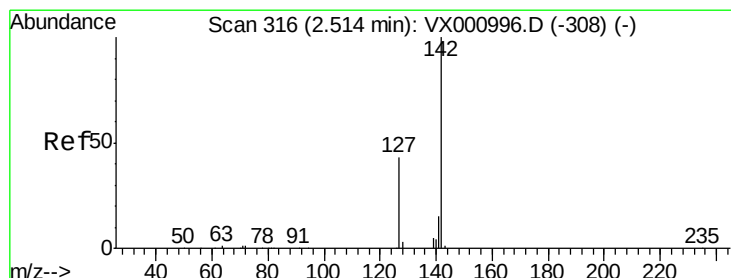
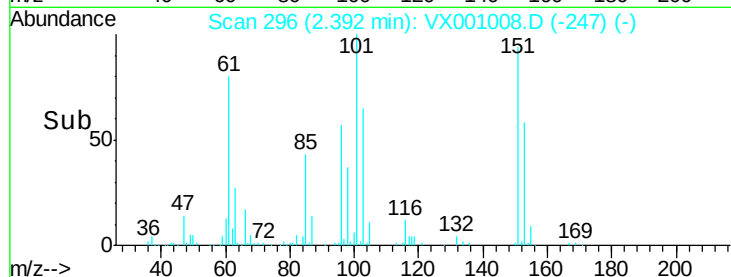
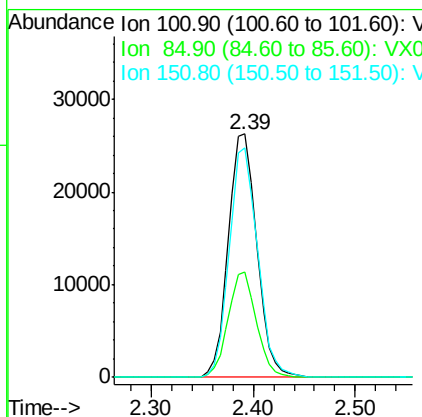
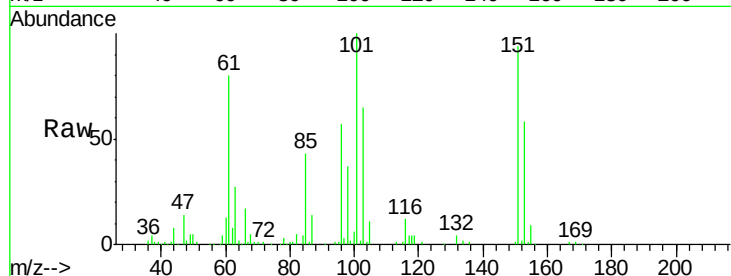
ClientSampleId :

VX0420WBSD01

Tgt Ion:	101	Resp:	50884
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.9	50.9
151	93.6	73.5	110.3

Manual Integrations
APPROVED

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#10

Methyl Iodide

Concen: 13.49 ug/l

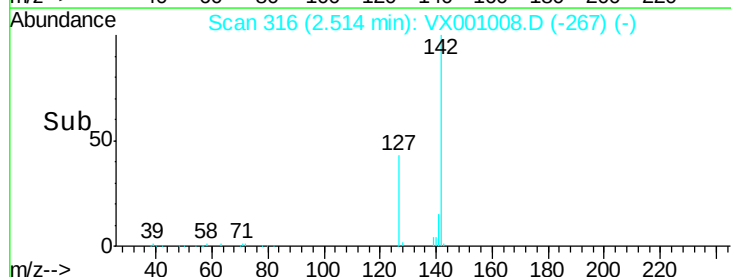
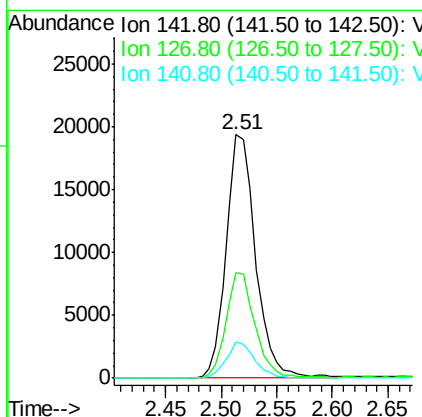
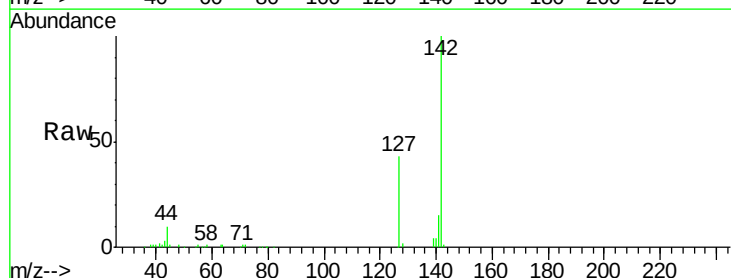
RT: 2.51 min Scan# 316

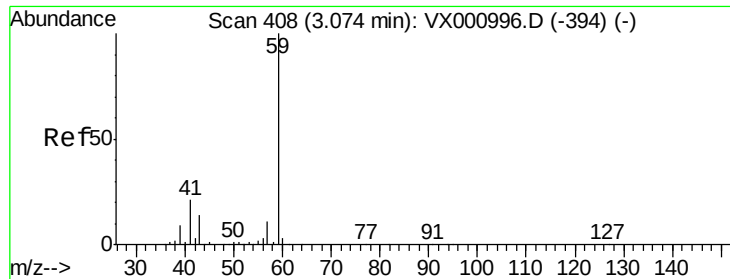
Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Tgt Ion:	142	Resp:	35583
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.0	51.0
141	14.4	11.4	17.2





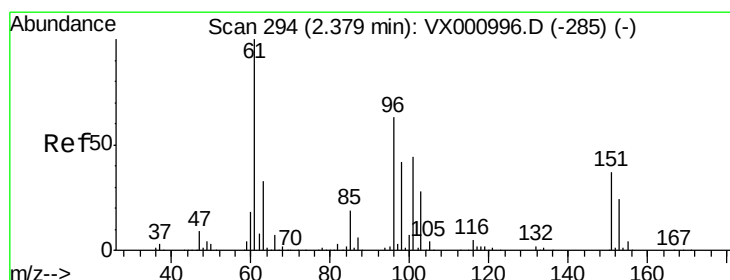
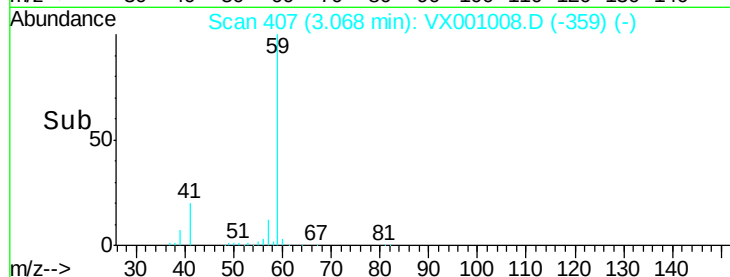
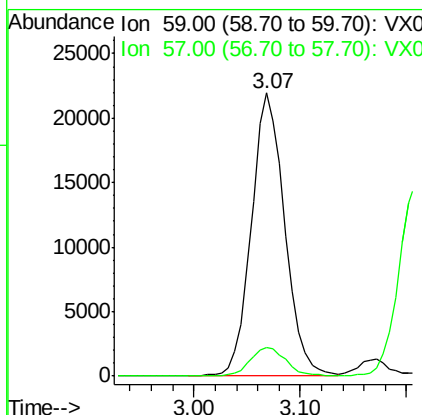
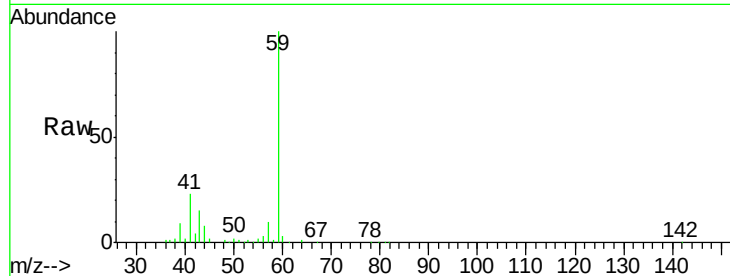
#11
Tert butyl alcohol
Concen: 51.19 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampled :
VX0420WBSD01

Tgt Ion: 59 Resp: 48254
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

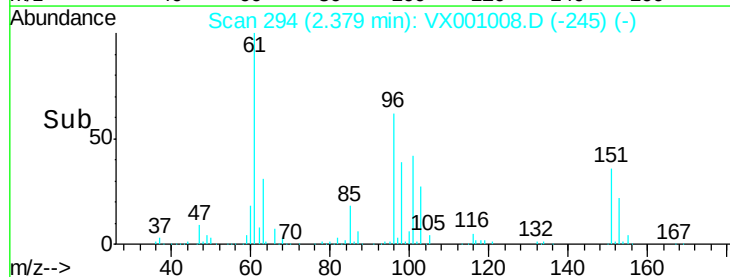
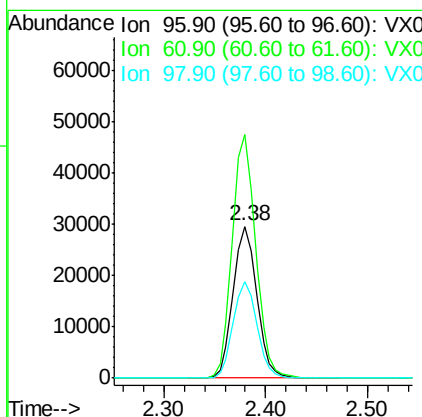
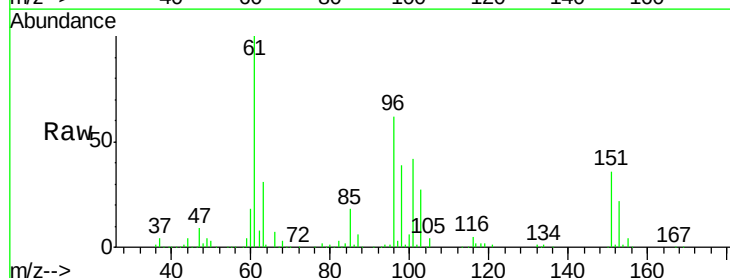
Manual Integrations
APPROVED

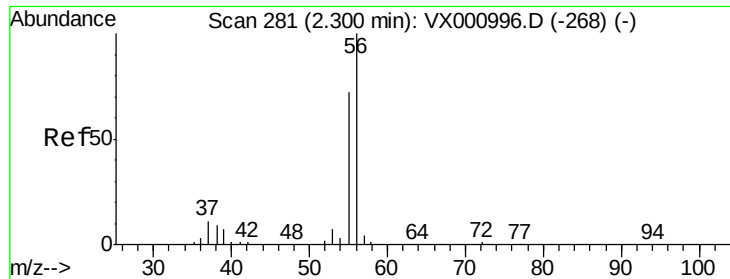
MMDadoda
4/23/2018 1:27:39 PM



#12
1,1-Dichloroethene
Concen: 9.93 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 96 Resp: 47698
Ion Ratio Lower Upper
96 100
61 160.3 126.4 189.6
98 63.2 52.6 78.8





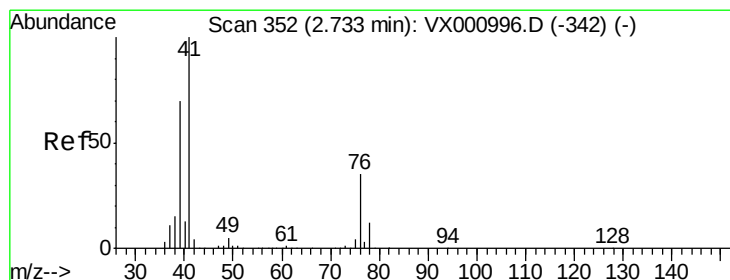
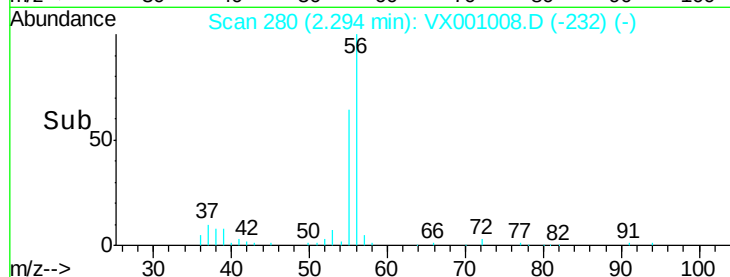
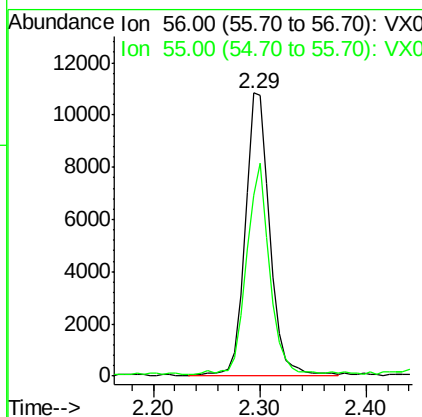
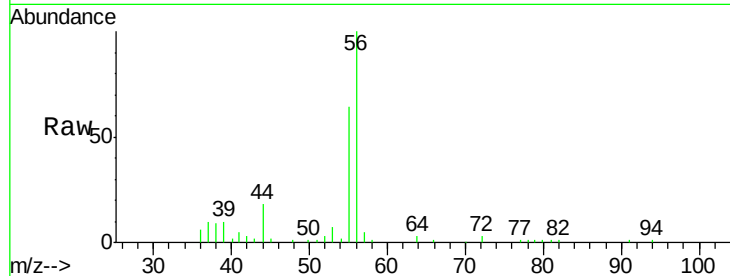
#13
Acrolein
Concen: 68.49 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion: 56 Resp: 17676
Ion Ratio Lower Upper
56 100
55 67.8 57.4 86.2

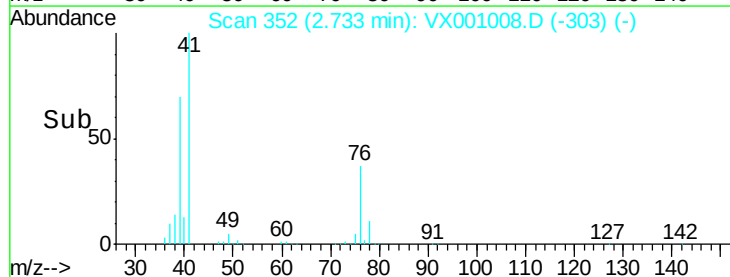
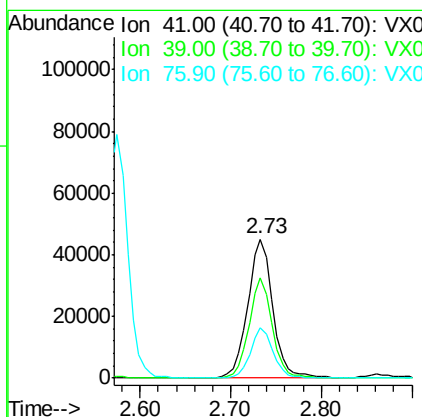
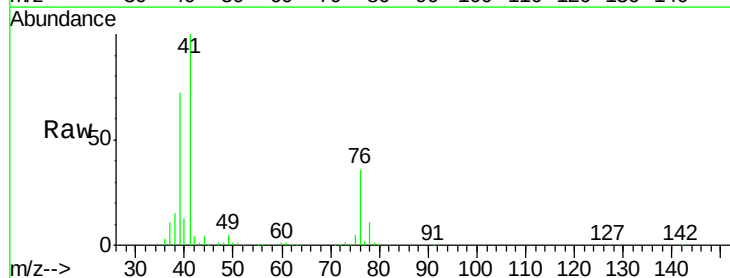
Manual Integrations
APPROVED

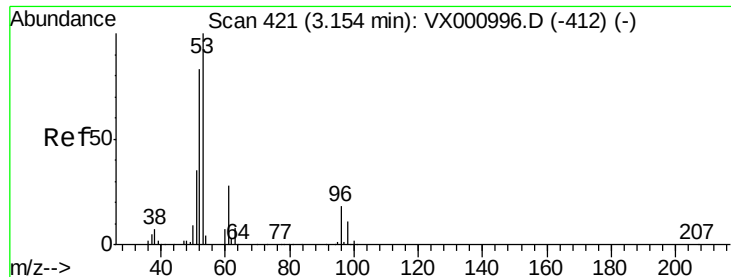
MMDadoda
4/23/2018 1:27:39 PM



#14
Allyl chloride
Concen: 9.86 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 41 Resp: 85746
Ion Ratio Lower Upper
41 100
39 66.4 53.0 79.6
76 32.8 25.9 38.9





#15

Acrylonitrile

Concen: 49.46 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

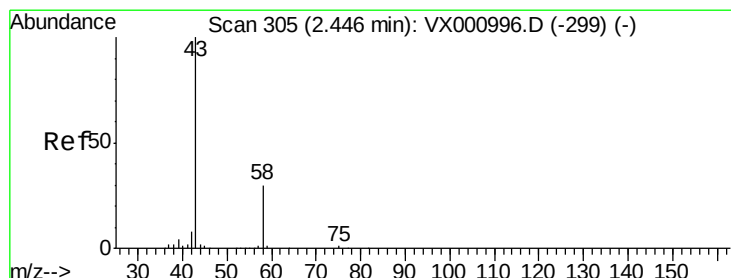
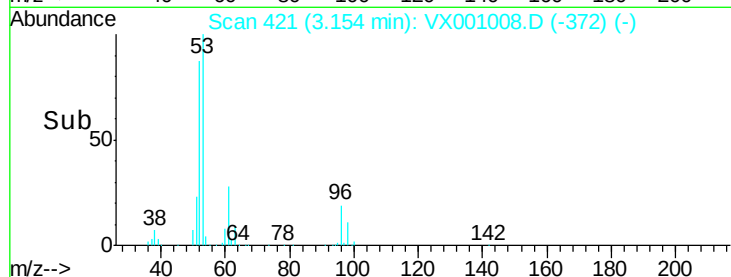
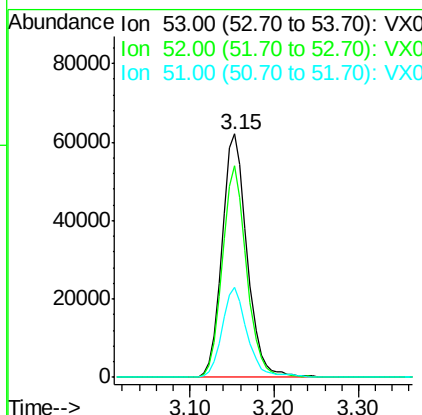
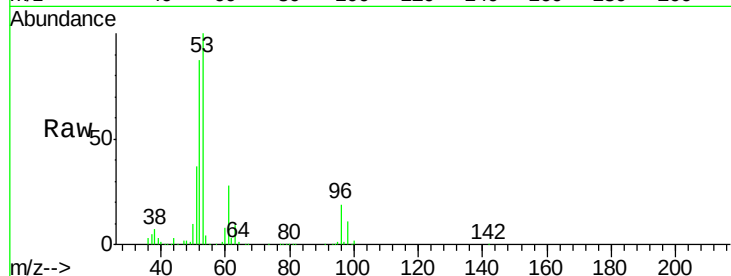
ClientSampleId :

VX0420WBSD01

Tgt Ion:	53	Resp:	126184
Ion Ratio		Lower	Upper
53	100		
52	84.6	66.4	99.6
51	36.8	29.0	43.6

Manual Integrations
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4/23/2018 1:27:39 PM



#16

Acetone

Concen: 51.08 ug/l

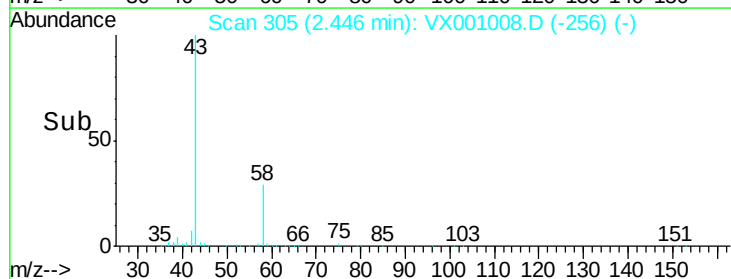
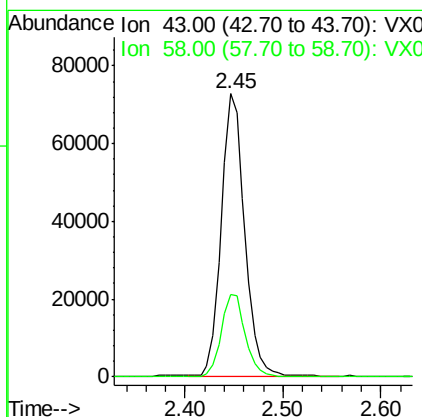
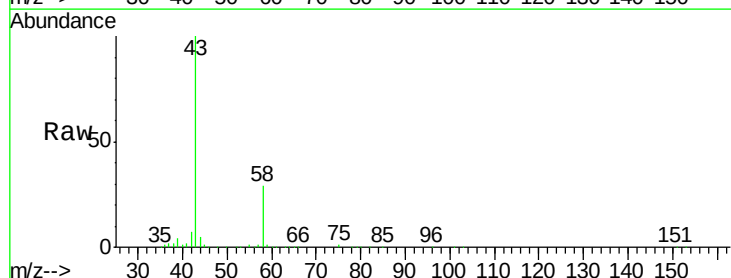
RT: 2.45 min Scan# 305

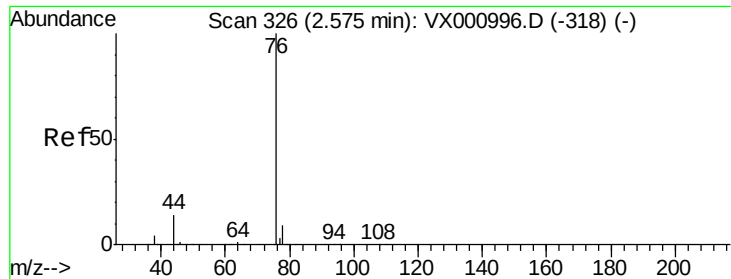
Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Tgt Ion:	43	Resp:	120236
Ion Ratio		Lower	Upper
43	100		
58	29.3	23.7	35.5





#17

Carbon Disulfide

Concen: 9.33 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 76 Resp: 127716

Ion Ratio Lower Upper

76 100

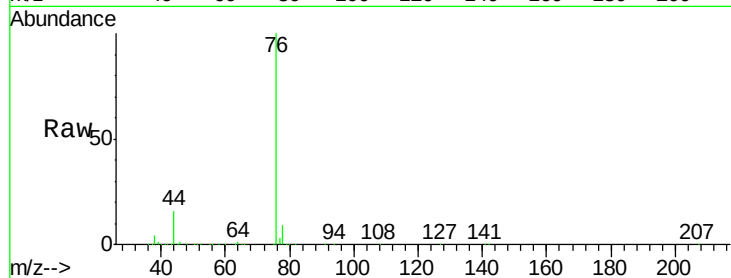
78 9.2 7.3 10.9

Manual Integrations

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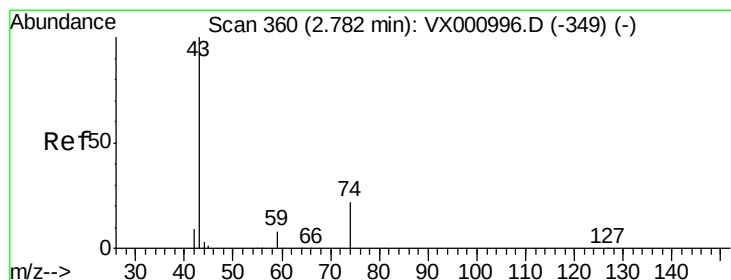
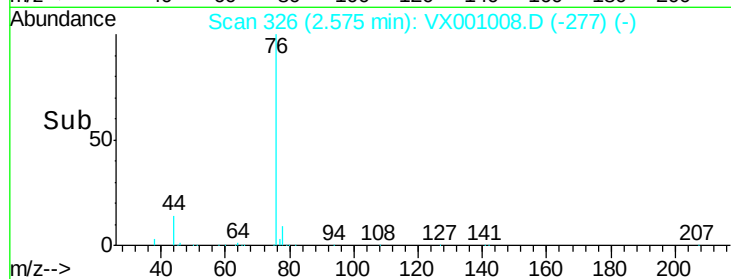
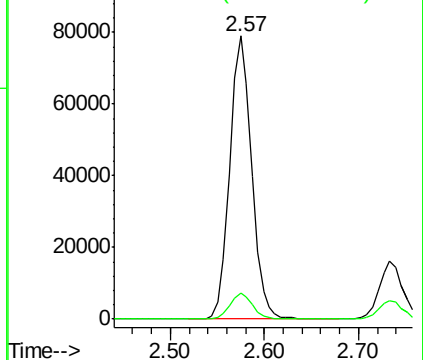
MMDadoda

4/23/2018 1:27:39 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 11.04 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001008.D

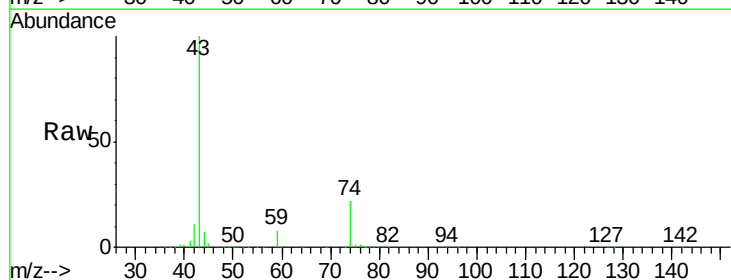
Acq: 20 Apr 2018 15:01

Tgt Ion: 43 Resp: 78644

Ion Ratio Lower Upper

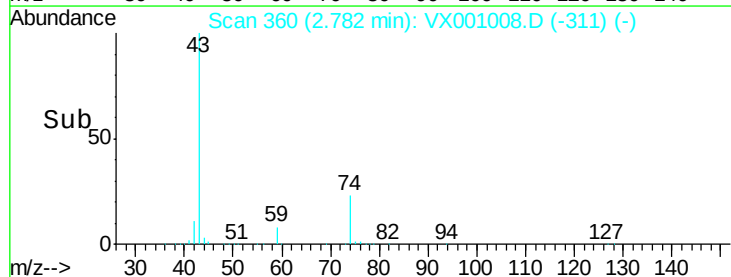
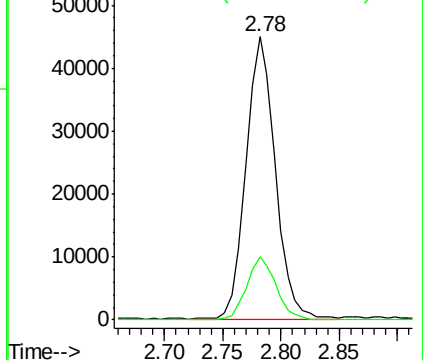
43 100

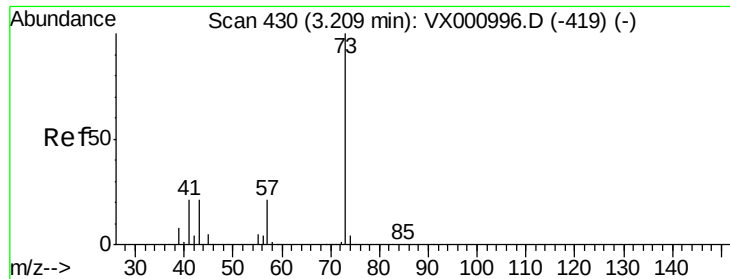
74 22.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





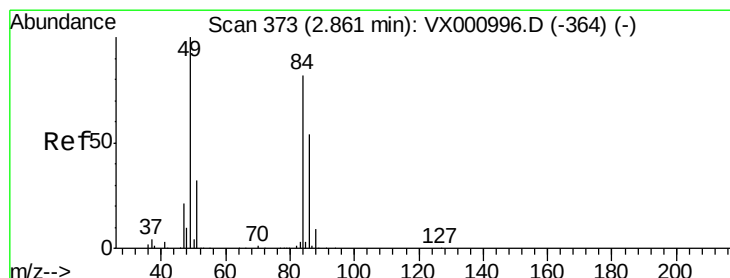
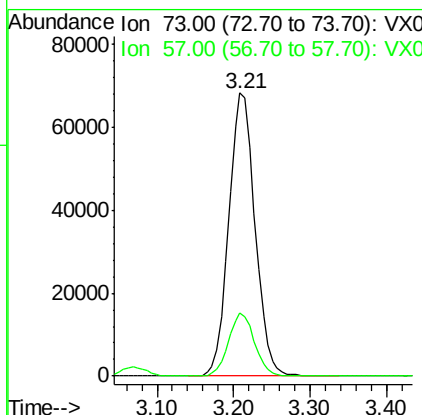
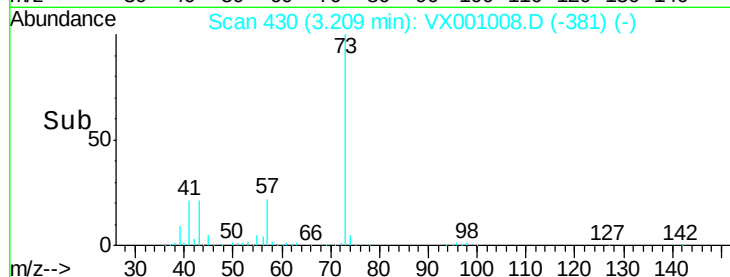
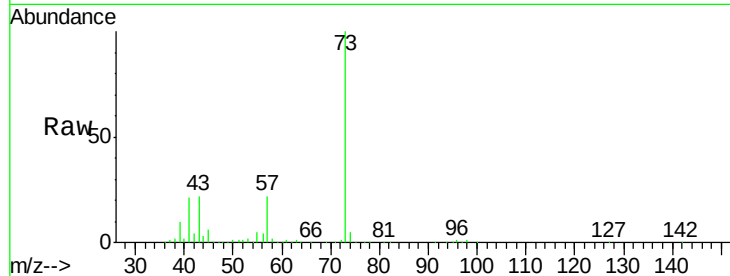
#19
Methyl tert-butyl Ether
Concen: 10.04 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion: 73 Resp: 162185
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7

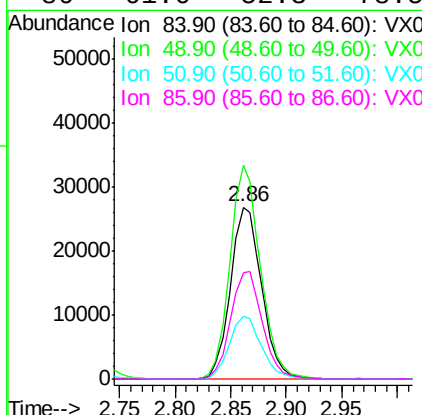
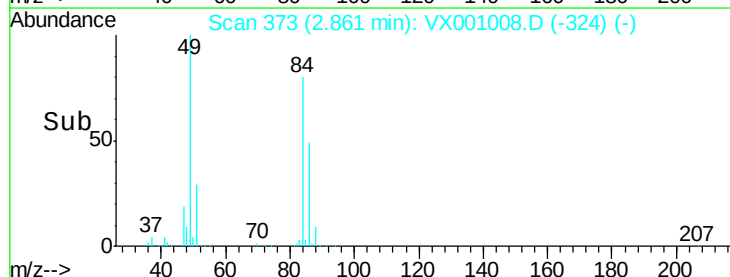
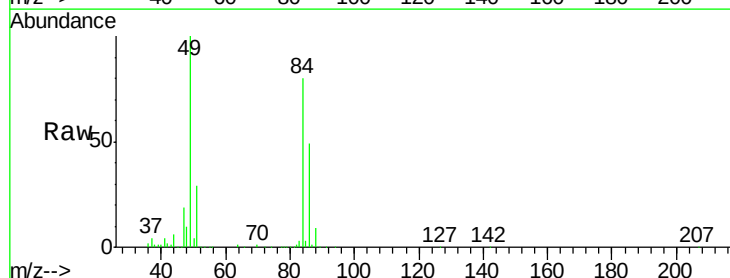
Manual Integrations
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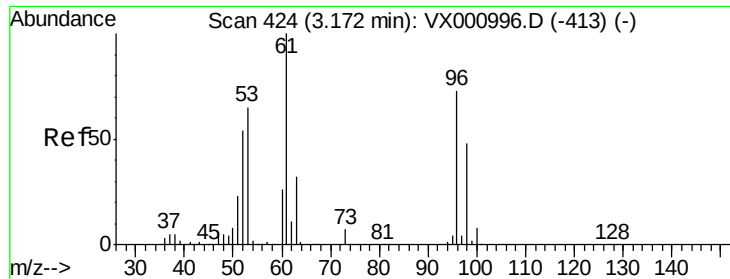
MMDadoda
4/23/2018 1:27:39 PM



#20
Methylene Chloride
Concen: 9.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 84 Resp: 52021
Ion Ratio Lower Upper
84 100
49 124.5 97.1 145.7
51 36.2 30.8 46.2
86 61.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 9.72 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 96 Resp: 51960

Ion Ratio Lower Upper

96 100

61 134.8 109.4 164.2

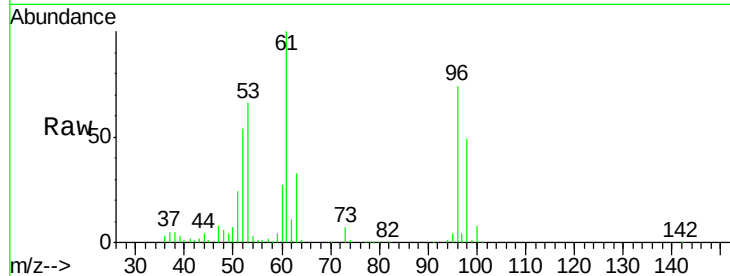
98 66.2 52.6 78.8

Manual Integrations

APPROVED

MMDadoda

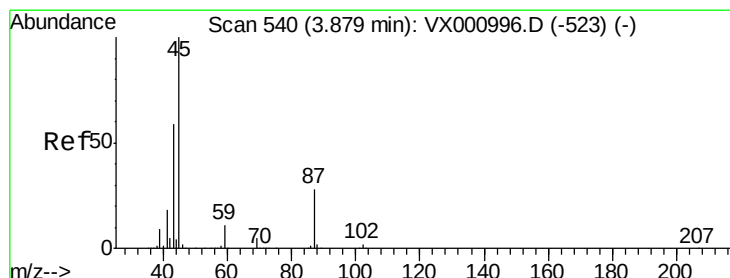
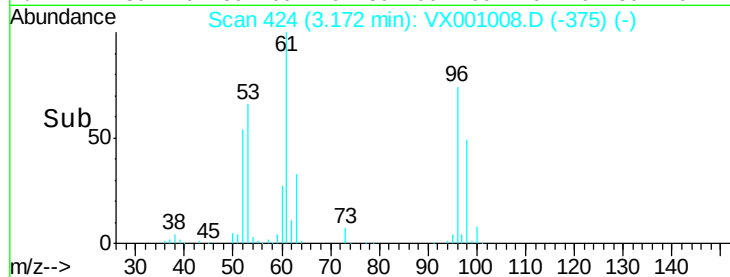
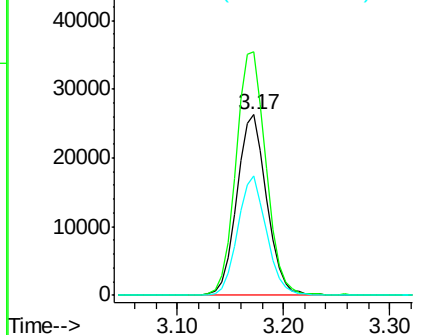
4/23/2018 1:27:39 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 10.16 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Tgt Ion: 45 Resp: 170980

Ion Ratio Lower Upper

45 100

43 57.2 47.0 70.4

87 27.5 22.5 33.7

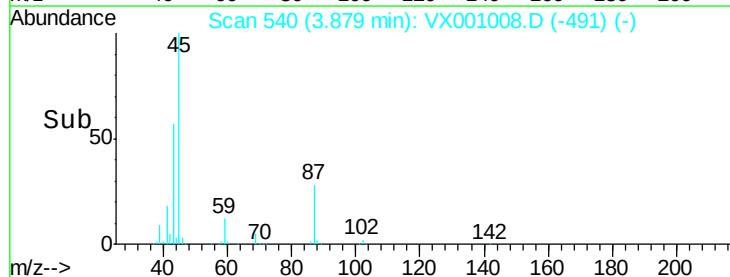
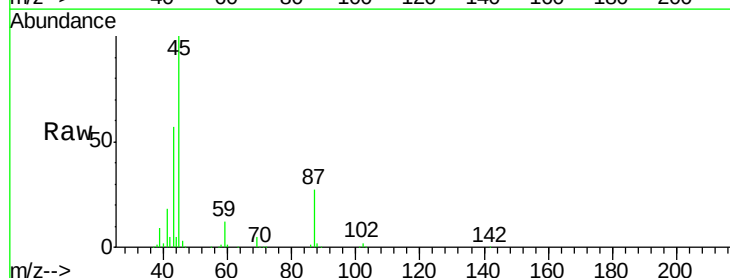
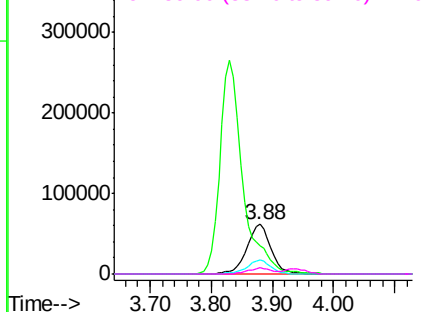
59 12.0 8.8 13.2

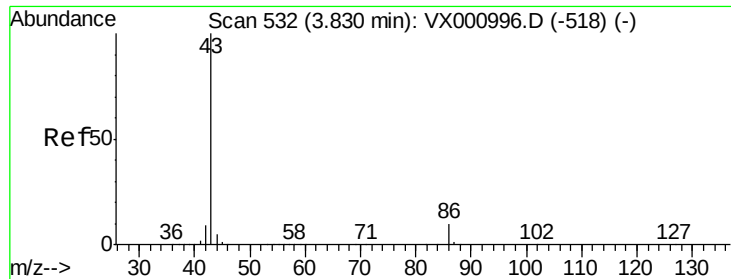
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 49.76 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 43 Resp: 693397

Ion Ratio Lower Upper

43 100

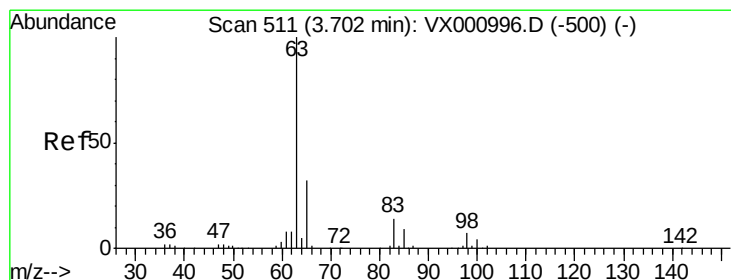
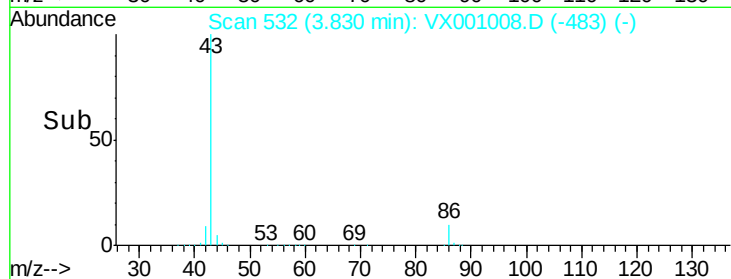
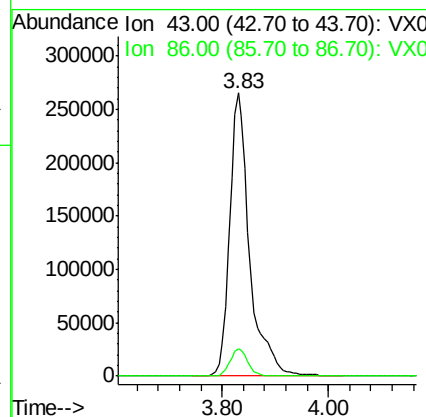
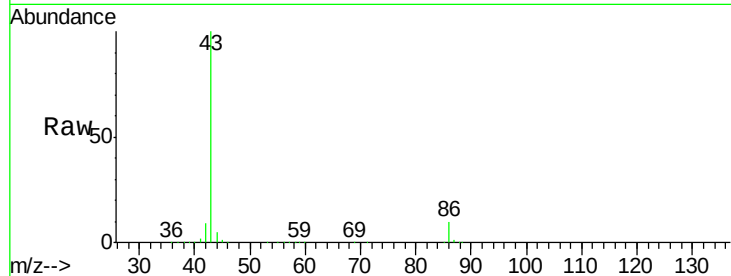
86 9.7 8.1 12.1

Manual Integrations

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MMDadoda

4/23/2018 1:27:39 PM



#24

1,1-Dichloroethane

Concen: 9.88 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

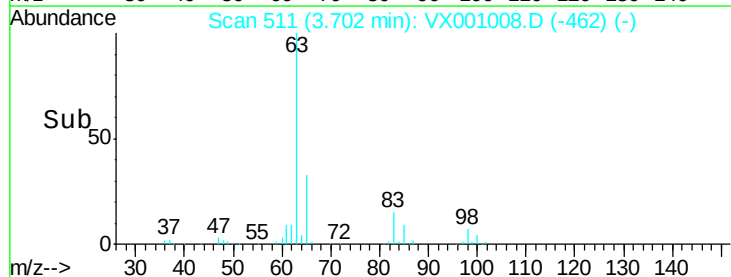
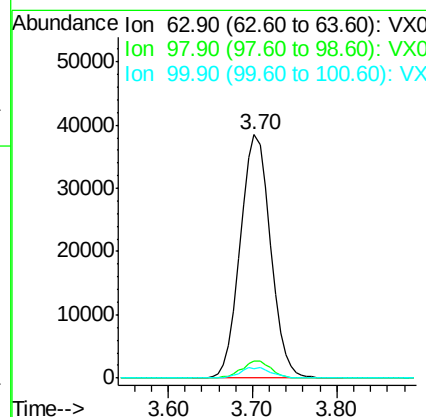
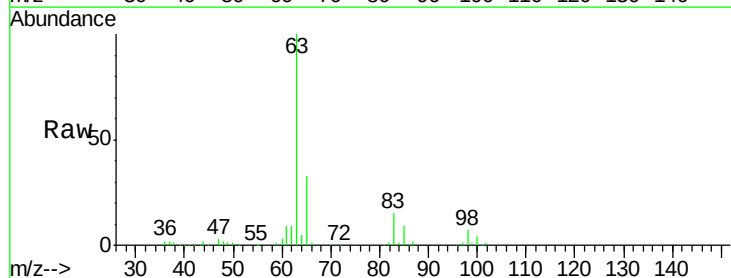
Tgt Ion: 63 Resp: 93251

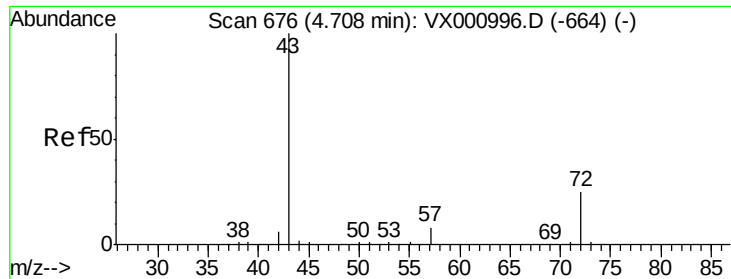
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 50.56 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 43 Resp: 185783

Ion Ratio Lower Upper

43 100

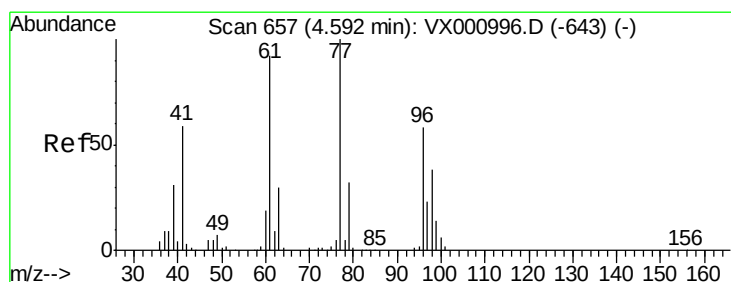
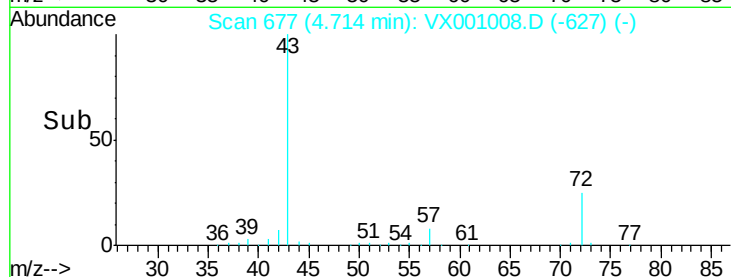
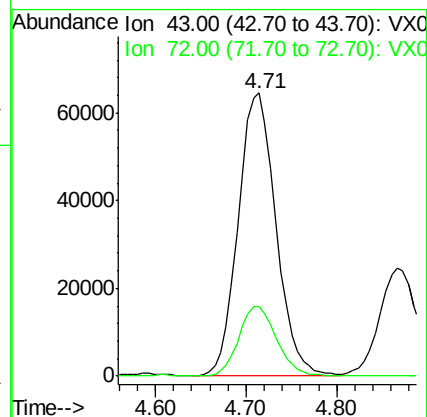
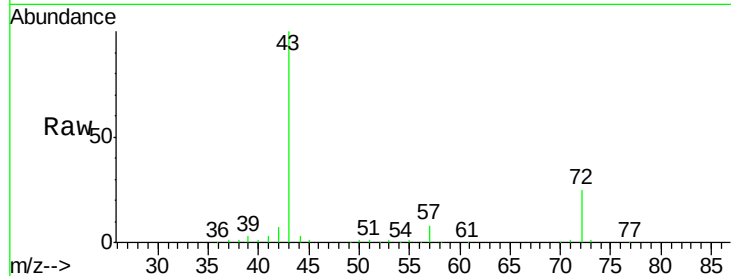
72 24.6 19.9 29.9

Manual Integrations

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MMDadoda

4/23/2018 1:27:39 PM



#26

2,2-Dichloropropane

Concen: 9.85 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX001008.D

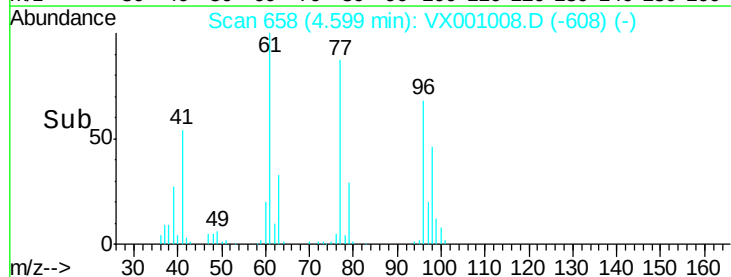
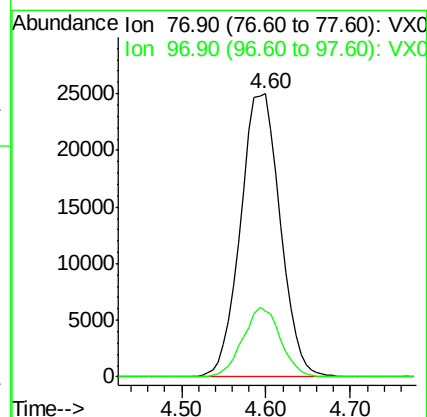
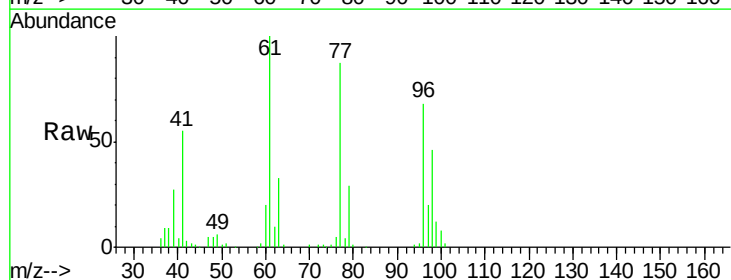
Acq: 20 Apr 2018 15:01

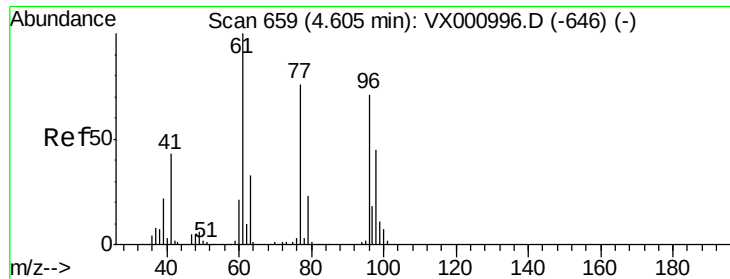
Tgt Ion: 77 Resp: 79987

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

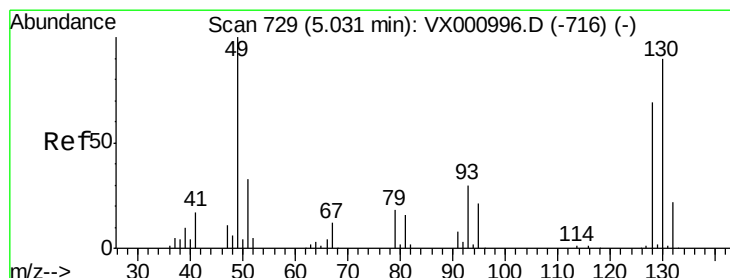
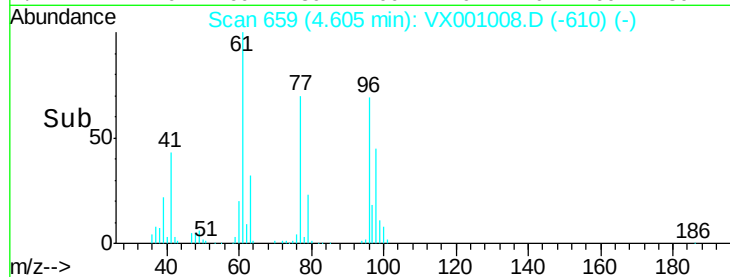
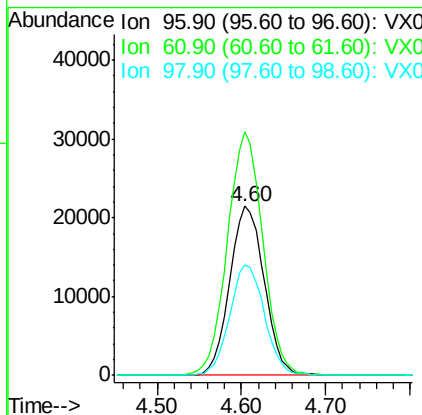
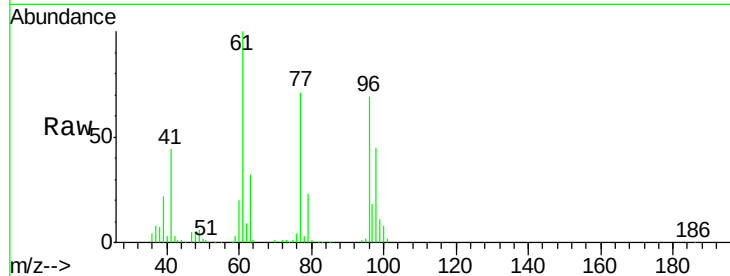
cis-1,2-Dichloroethene
Concen: 10.02 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	297.0
98	65.5	0.0	130.0

Manual Integrations
APPROVED

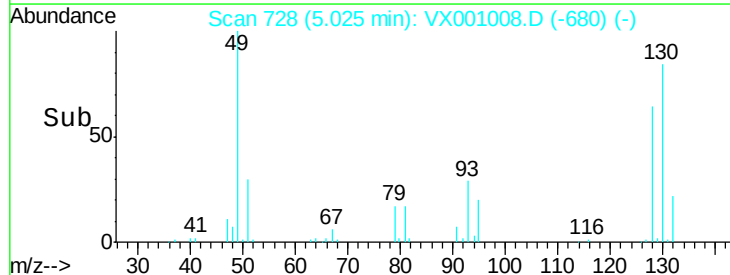
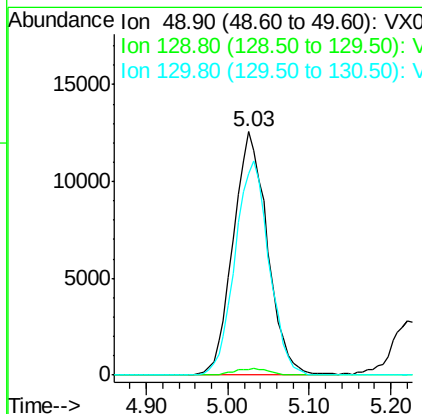
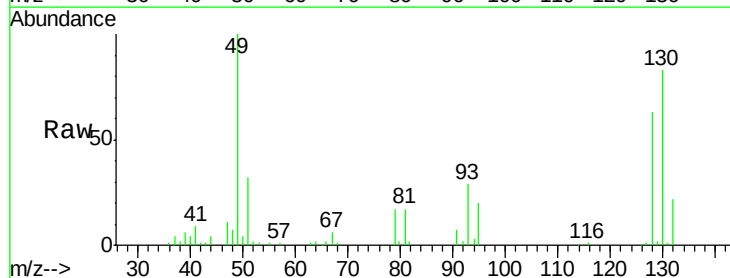
MMDadoda
4/23/2018 1:27:39 PM

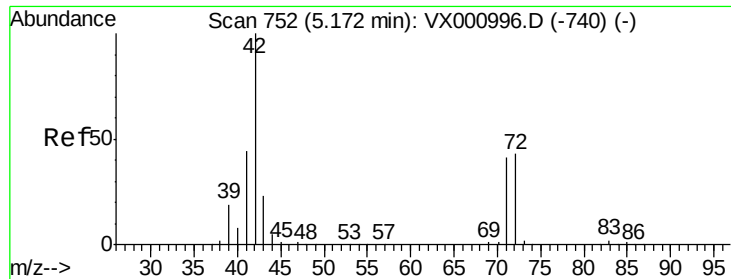


#28

Bromochloromethane
Concen: 10.09 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	87.1	70.6	105.8





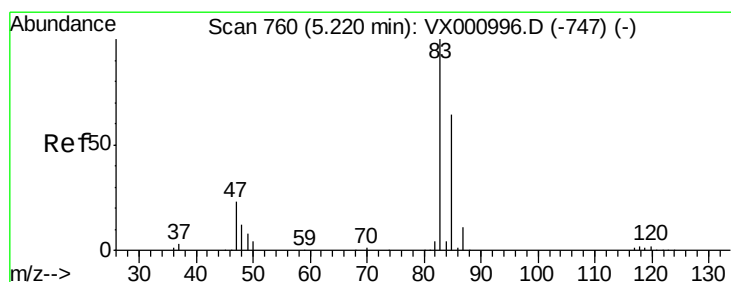
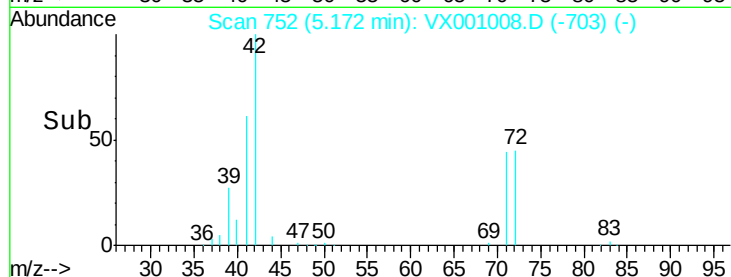
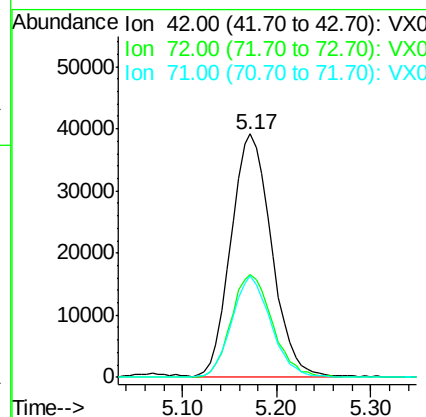
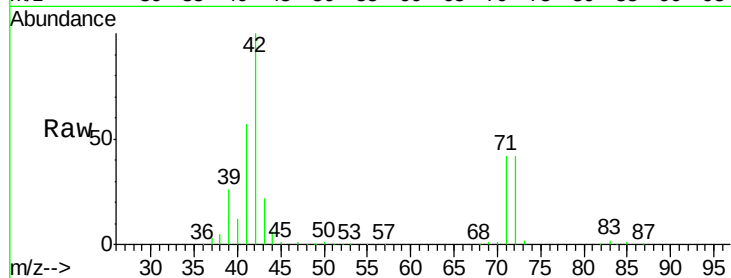
#29
Tetrahydrofuran
Concen: 50.21 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion: 42 Resp: 116587
Ion Ratio Lower Upper
42 100
72 43.5 34.6 52.0
71 40.8 32.6 49.0

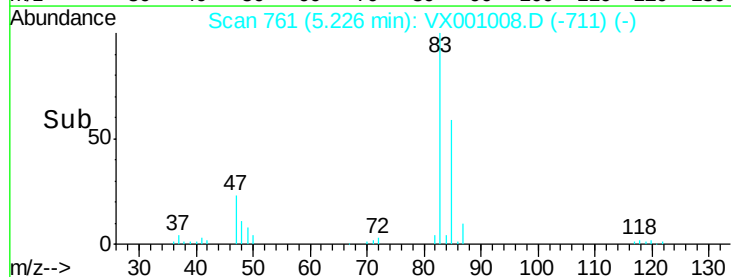
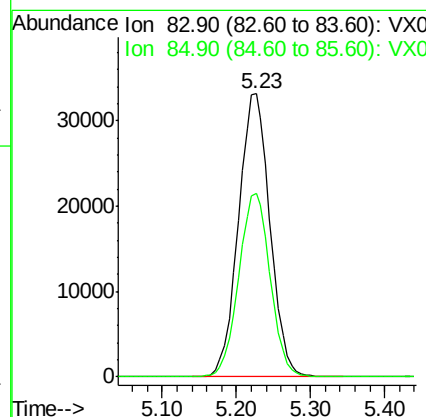
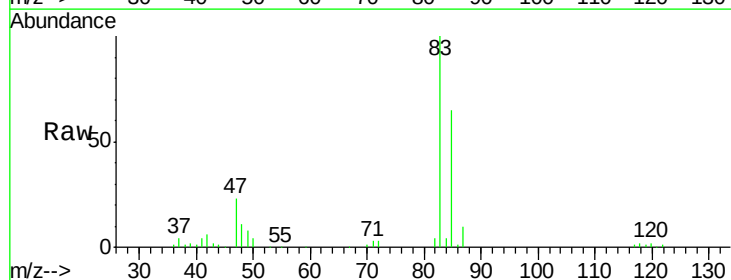
Manual Integrations
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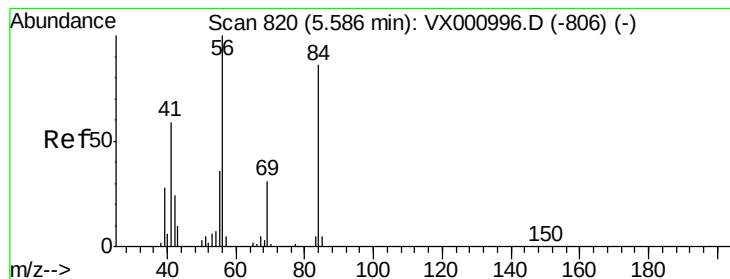
MMDadoda
4/23/2018 1:27:39 PM



#30
Chloroform
Concen: 10.06 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 83 Resp: 98398
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9





#31

Cyclohexane

Concen: 9.75 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 56 Resp: 85890

Ion Ratio Lower Upper

56 100

69 28.1 24.6 36.8

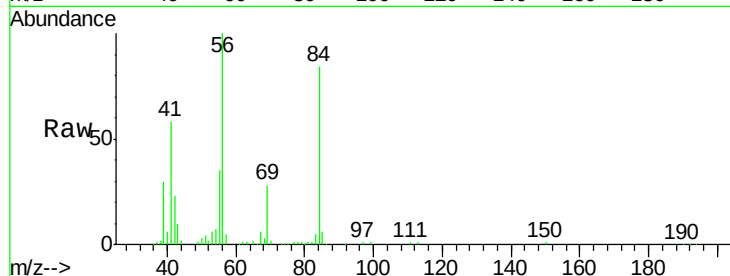
84 82.0 69.0 103.6

Manual Integrations

APPROVED

MMDadoda

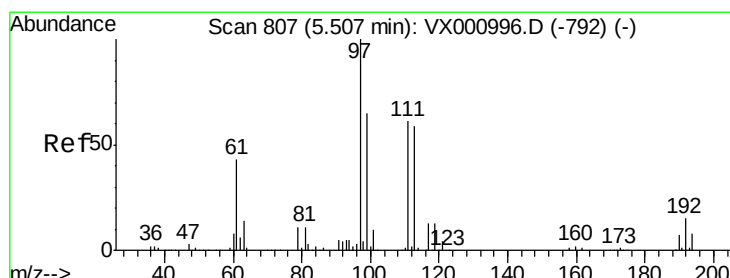
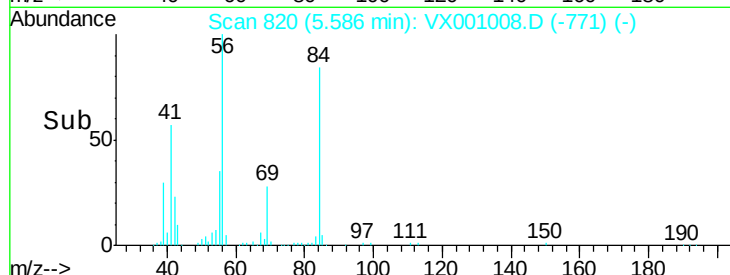
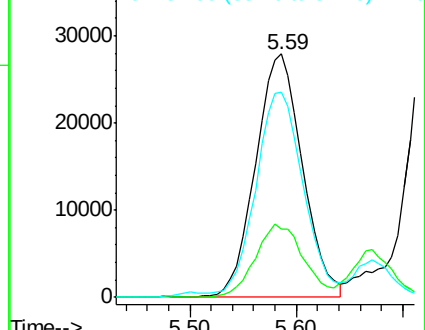
4/23/2018 1:27:39 PM



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: 10.09 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

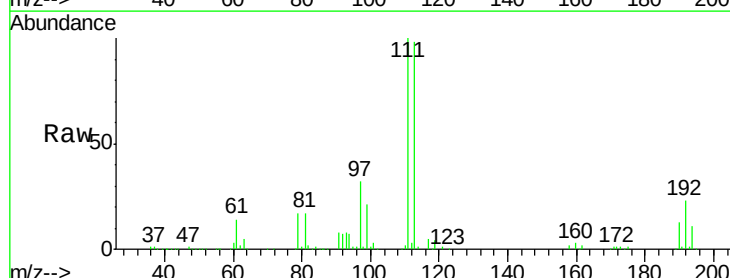
Tgt Ion: 97 Resp: 88489

Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

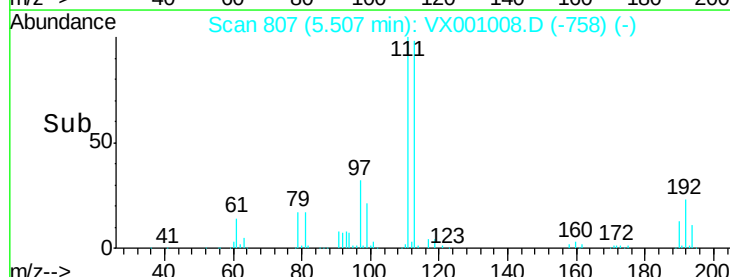
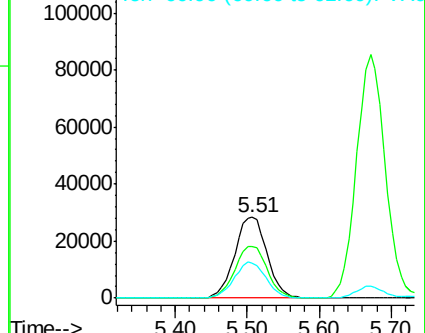
61 44.1 34.4 51.6

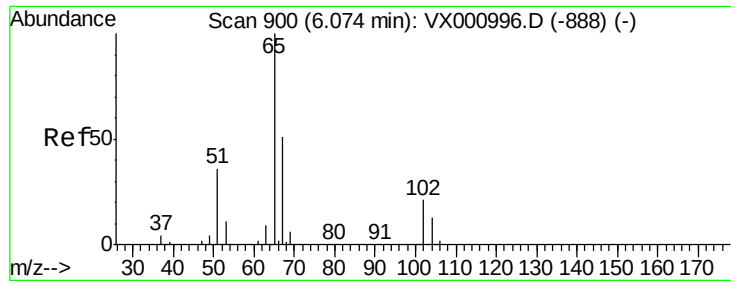


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





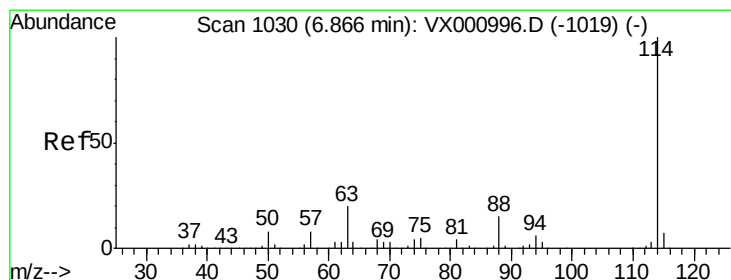
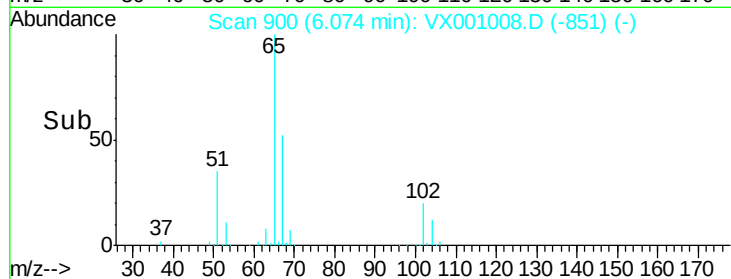
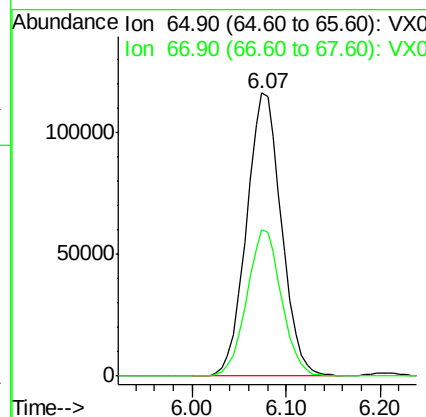
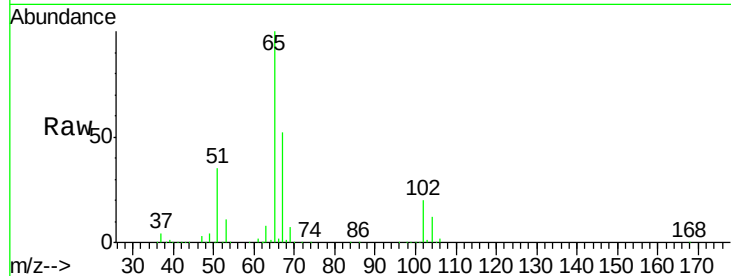
#33
 1,2-Dichloroethane-d4
 Concen: 48.21 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	301349		
67	51.3	0.0	102.6	

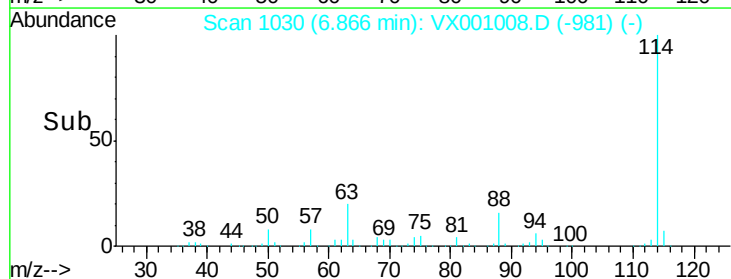
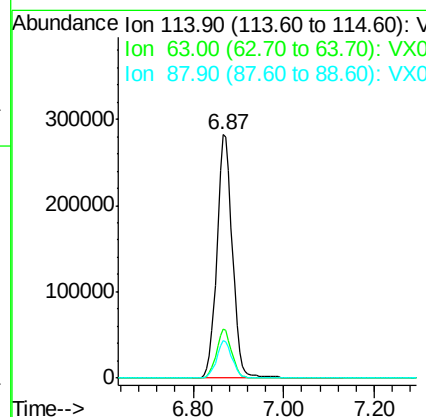
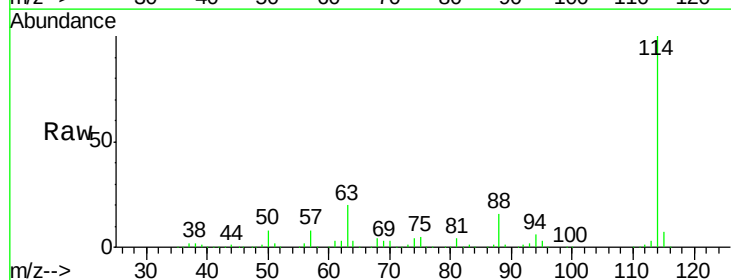
Manual Integrations
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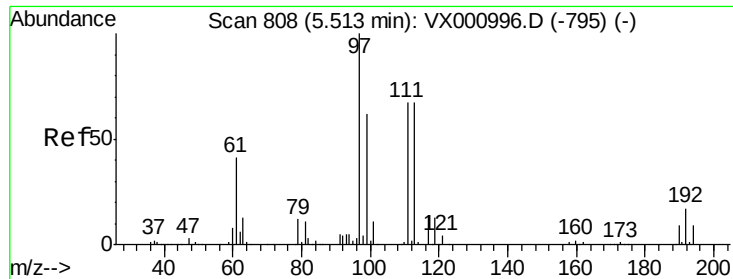
MMDadoda
 4/23/2018 1:27:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	680928		
63	19.9	0.0	39.4	
88	15.6	0.0	29.8	





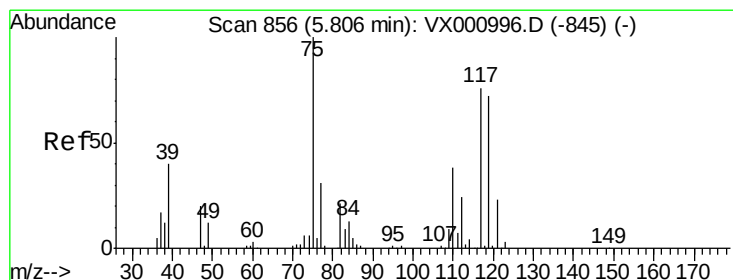
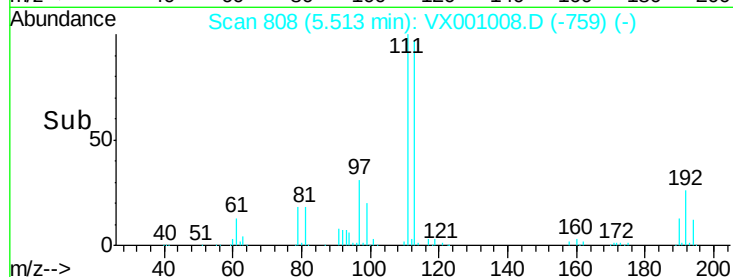
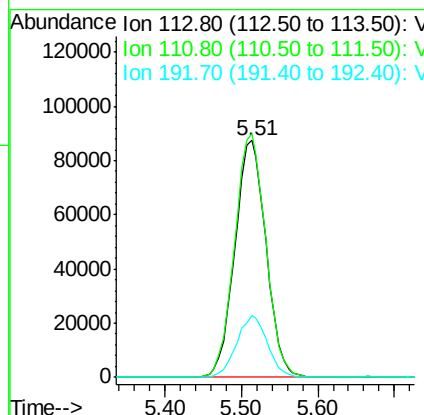
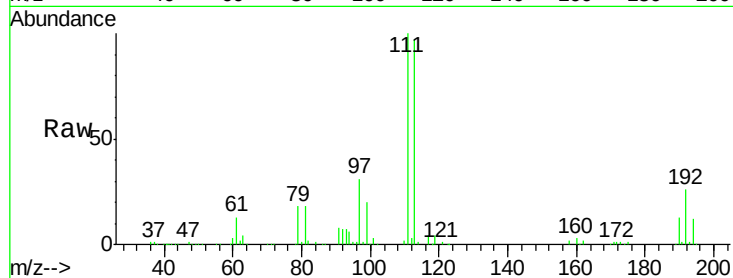
#35
 Dibromofluoromethane
 Concen: 47.57 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	247014		
111	102.5	81.4	122.2	
192	25.8	20.4	30.6	

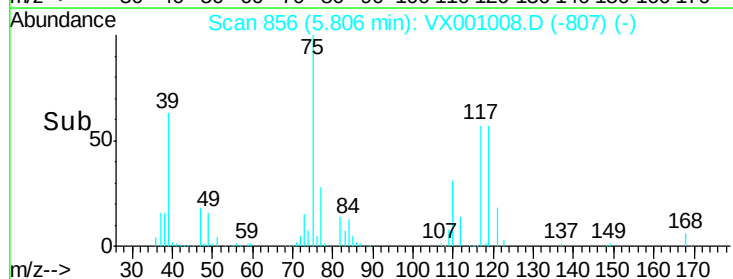
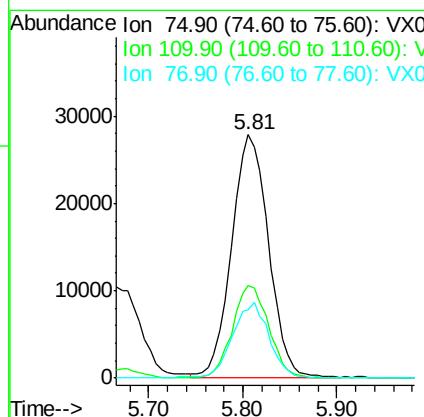
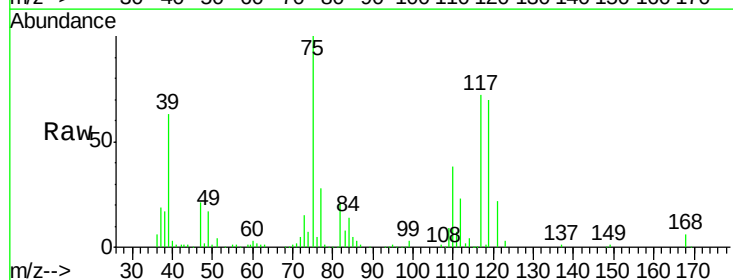
Manual Integrations
 APPROVED

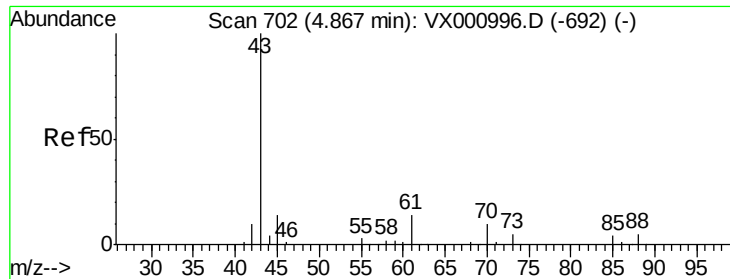
MMDadoda
 4/23/2018 1:27:39 PM



#36
 1,1-Dichloropropene
 Concen: 9.42 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75409		
110	37.7	18.7	56.1	
77	30.9	25.0	37.4	





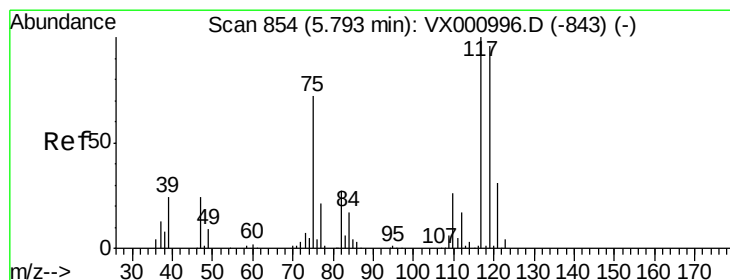
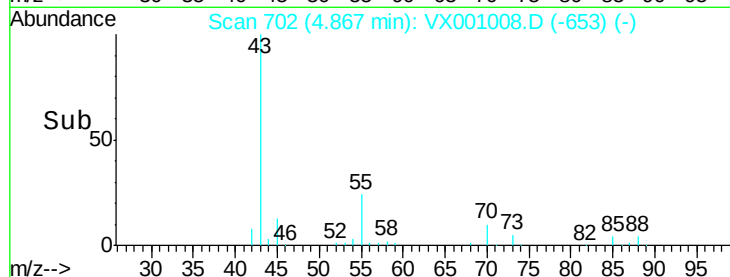
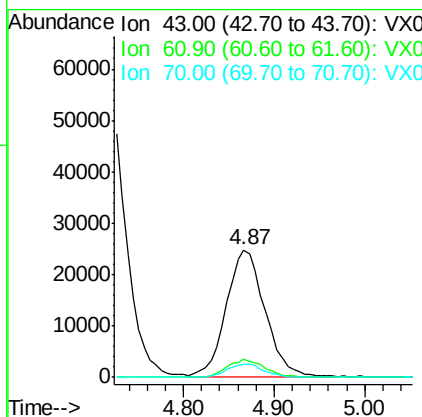
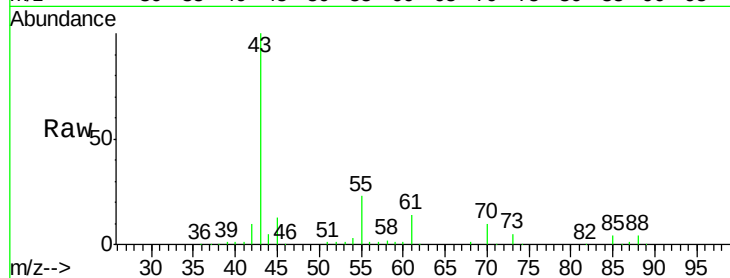
#37
Ethyl Acetate
Concen: 9.86 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion: 43 Resp: 72370
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 10.5 8.3 12.5

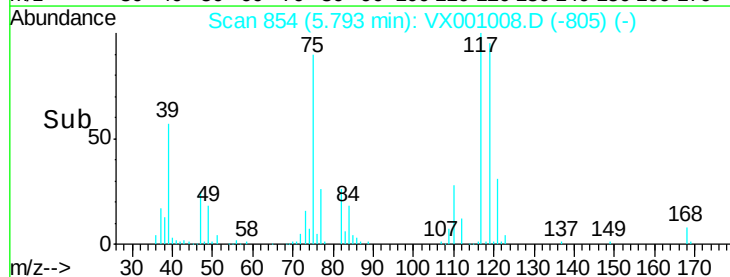
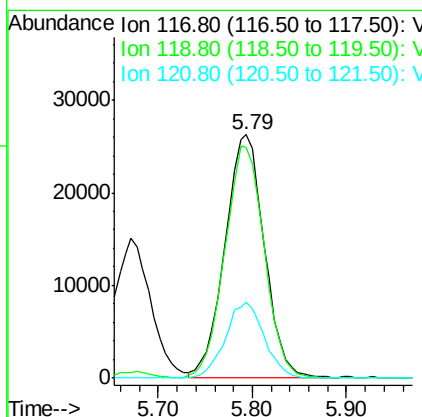
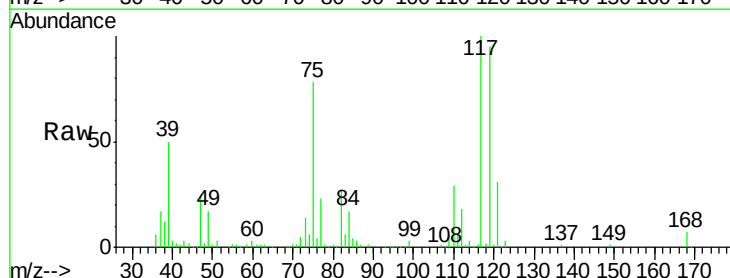
Manual Integrations
APPROVED

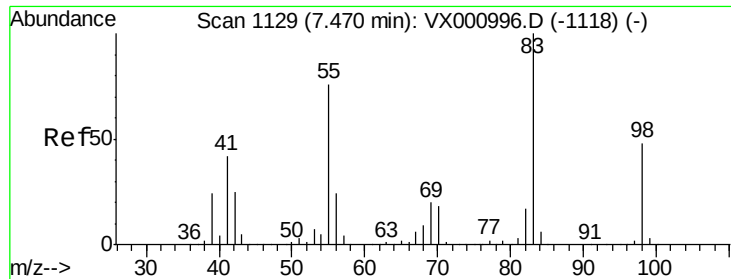
MMDadoda
4/23/2018 1:27:39 PM



#38
Carbon Tetrachloride
Concen: 9.40 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 117 Resp: 76180
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7
121 31.1 24.5 36.7





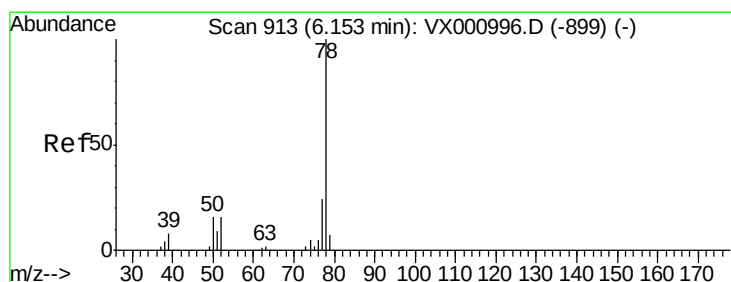
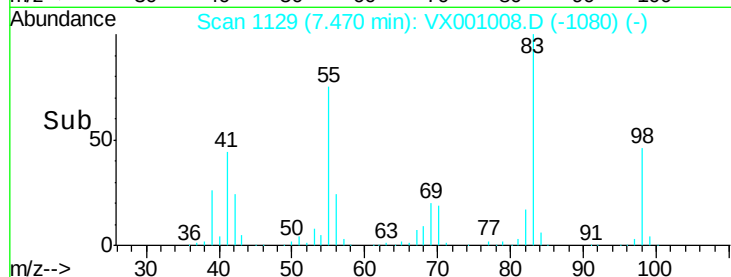
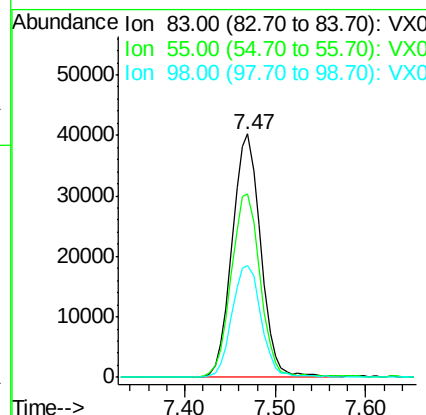
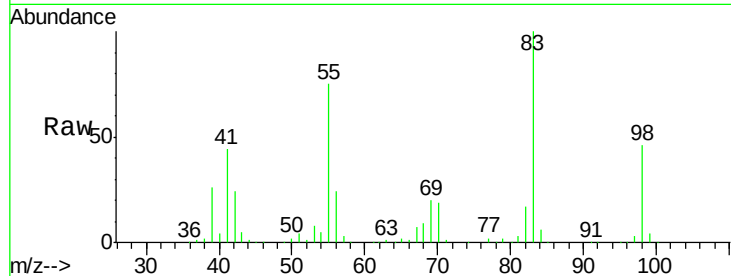
#39
Methylcyclohexane
Concen: 9.48 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.6	91.0
98	46.0	38.2	57.4

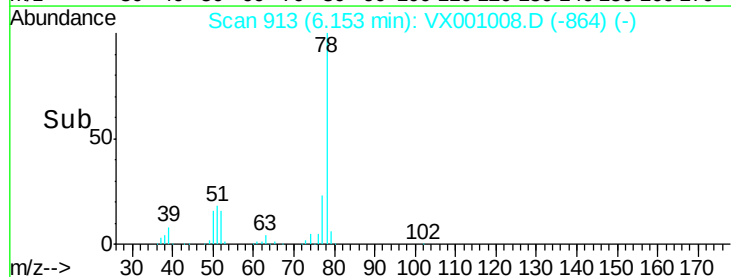
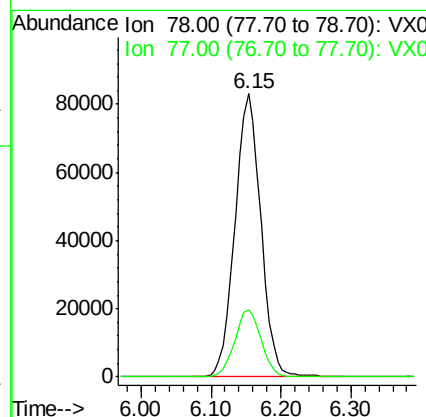
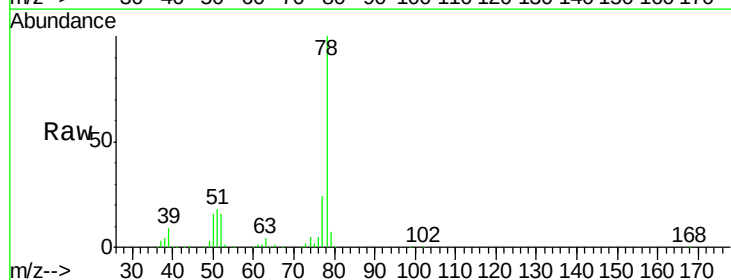
Manual Integrations
APPROVED

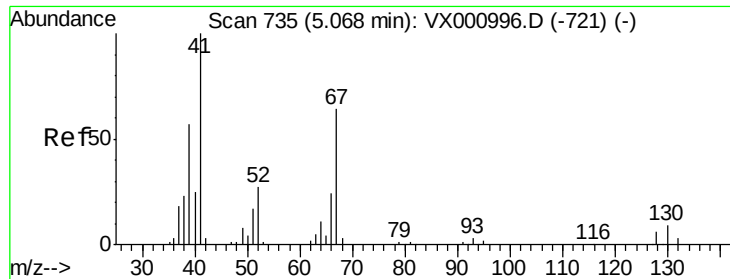
MMDadoda
4/23/2018 1:27:39 PM



#40
Benzene
Concen: 9.61 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





#41

Methacrylonitrile

Concen: 9.25 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

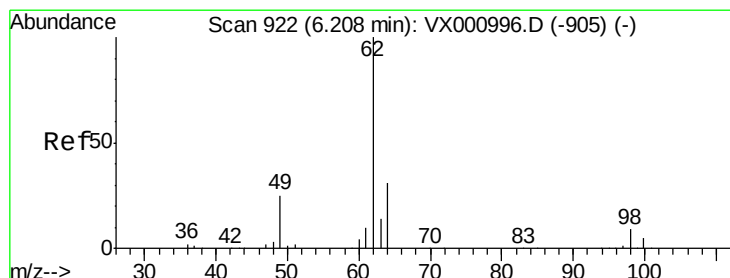
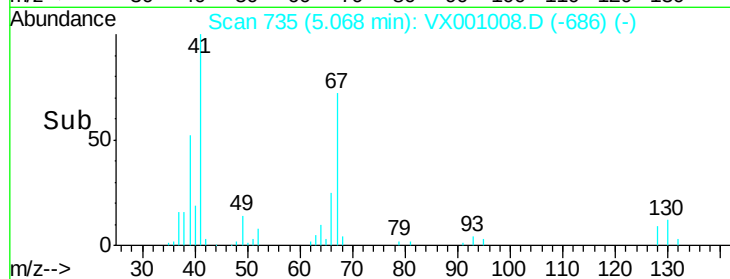
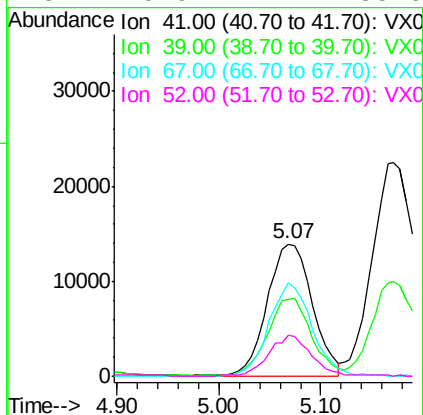
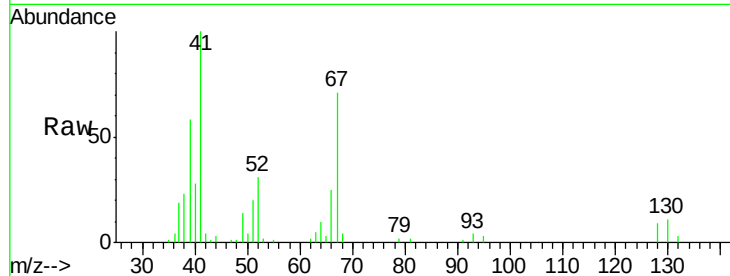
ClientSampleId :

VX0420WBSD01

Tgt Ion:	41	Resp:	42397
Ion Ratio	Lower	Upper	
41	100		
39	58.0	45.2	67.8
67	68.1	53.8	80.8
52	29.9	22.4	33.6

Manual Integrations
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4/23/2018 1:27:39 PM



#42

1,2-Dichloroethane

Concen: 9.58 ug/l

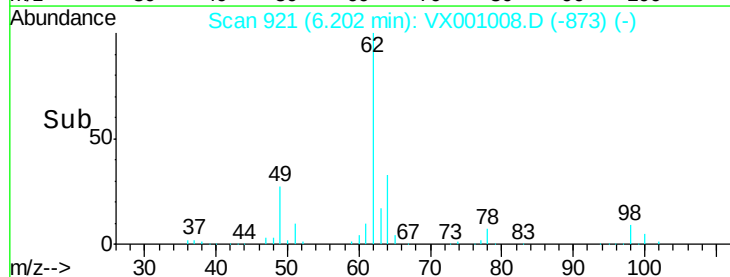
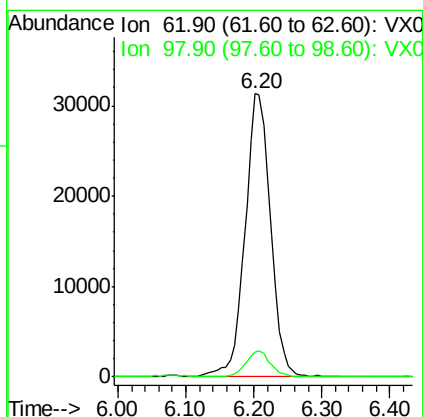
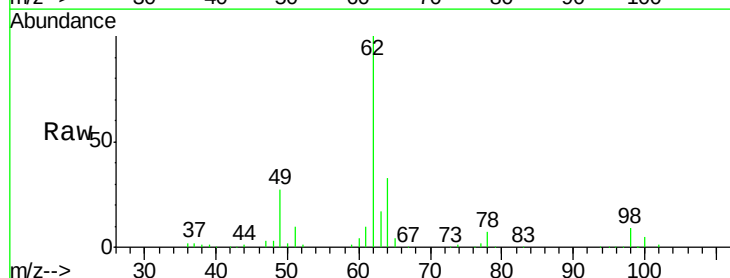
RT: 6.20 min Scan# 921

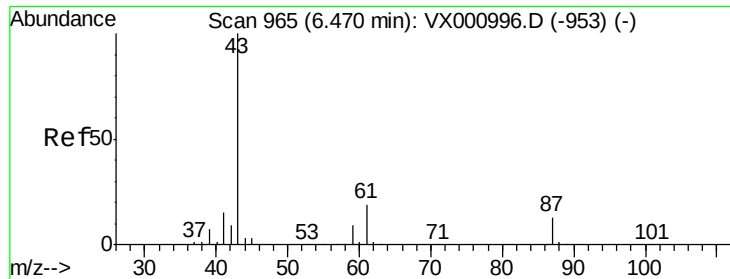
Delta R.T. -0.01 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Tgt Ion:	62	Resp:	81845
Ion Ratio	Lower	Upper	
62	100		
98	8.9	0.0	17.6





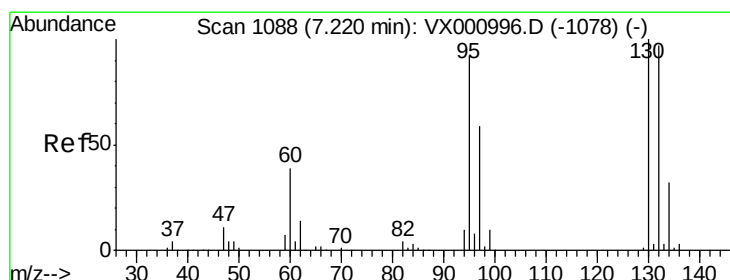
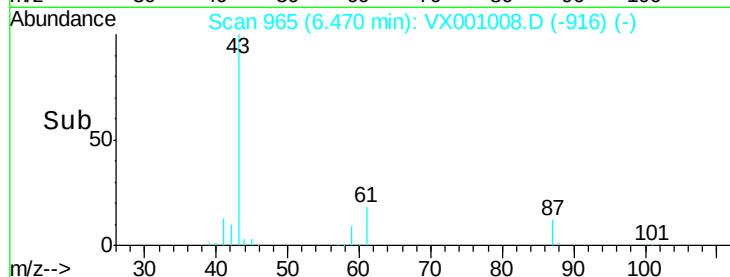
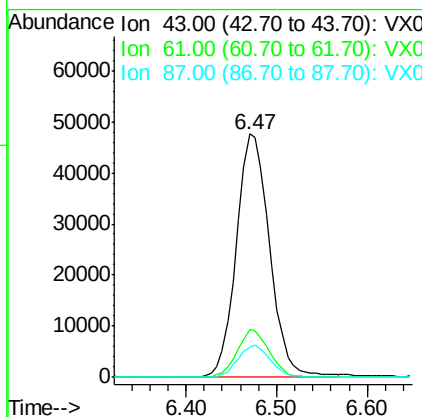
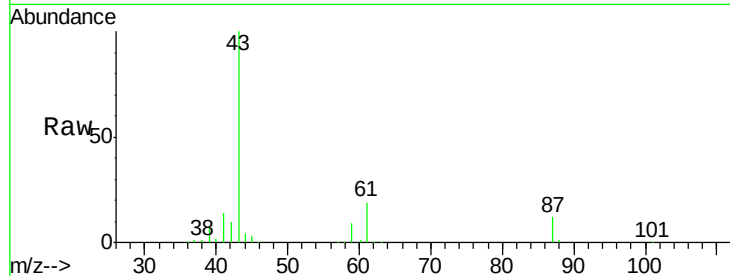
#43
Isopropyl Acetate
Concen: 9.62 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.2
87	13.0	10.6	15.8

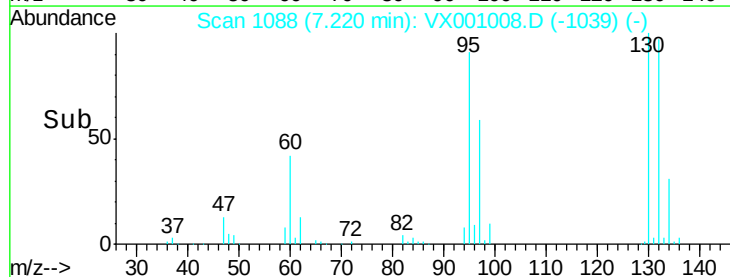
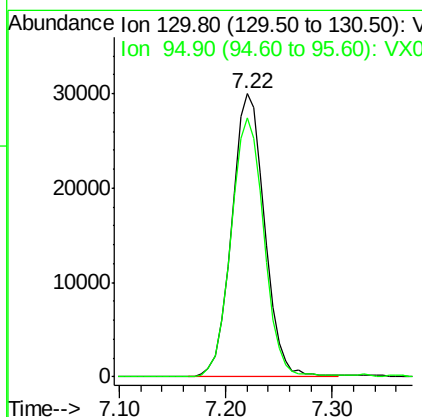
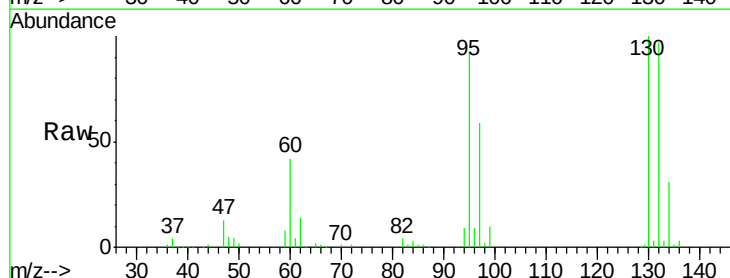
Manual Integrations
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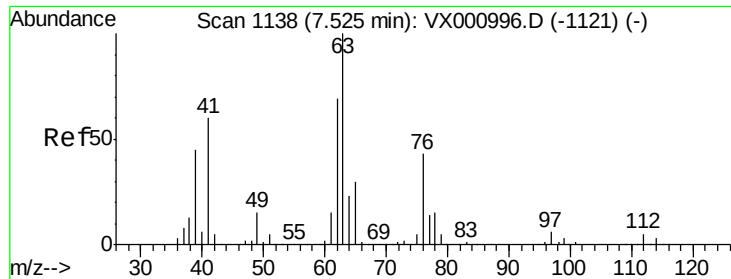
MMDadoda
4/23/2018 1:27:39 PM



#44
Trichloroethene
Concen: 9.56 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	184.2





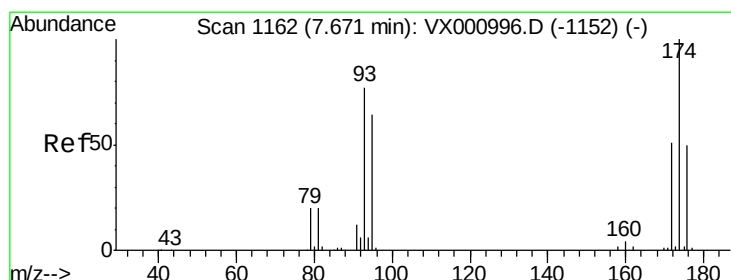
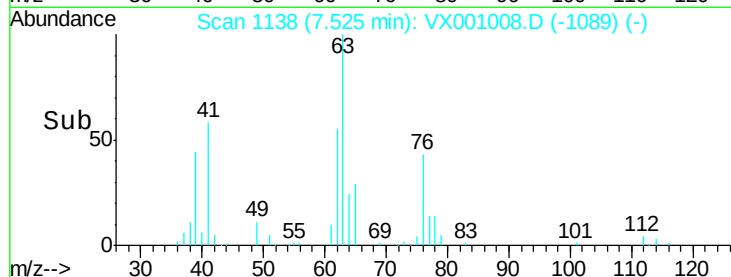
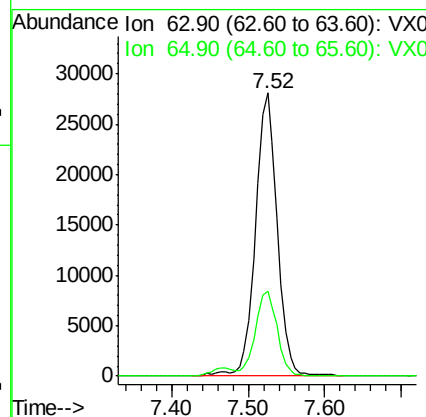
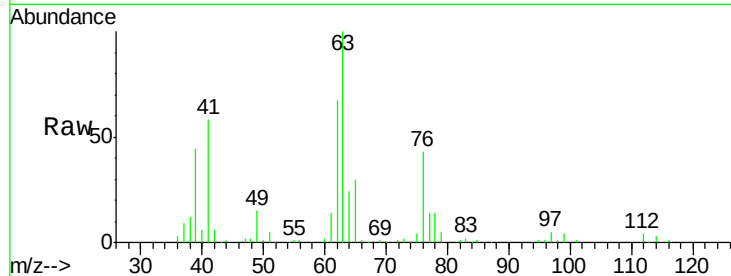
#45
 1,2-Dichloropropane
 Concen: 10.00 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion: 63 Resp: 55964
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.4 36.6

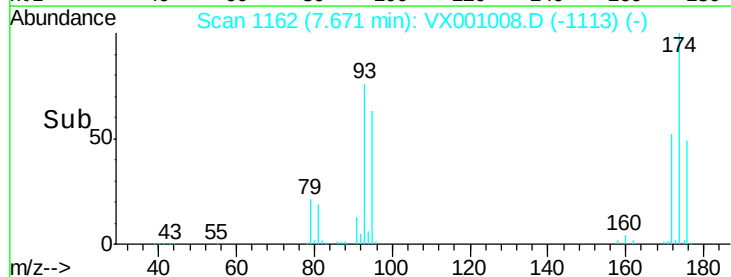
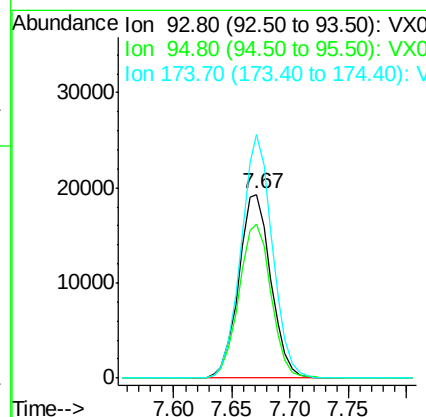
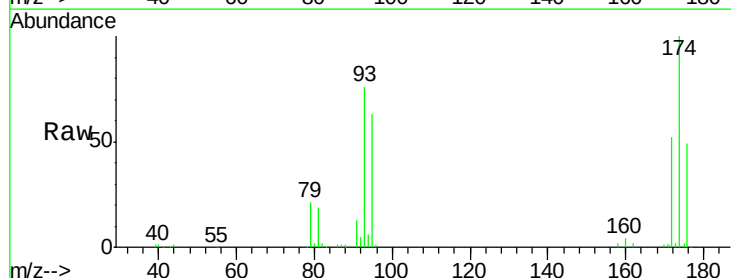
Manual Integrations
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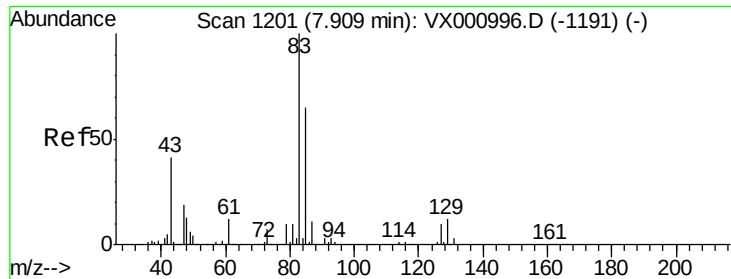
MMDadoda
 4/23/2018 1:27:39 PM



#46
 Dibromomethane
 Concen: 9.52 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion: 93 Resp: 37220
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.7 100.1
 174 128.3 101.8 152.6





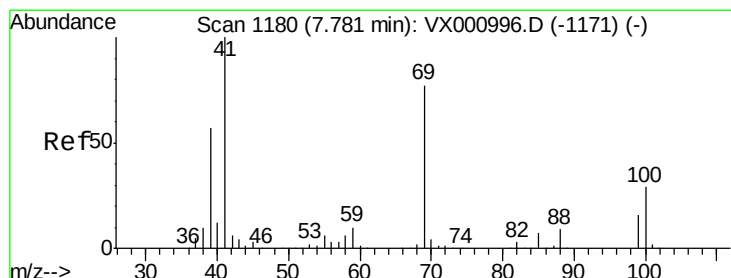
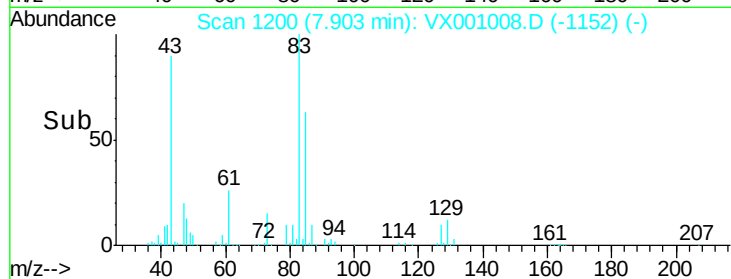
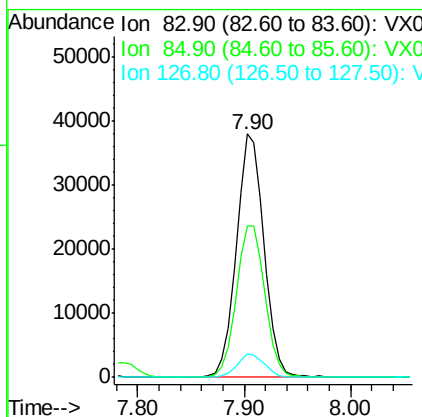
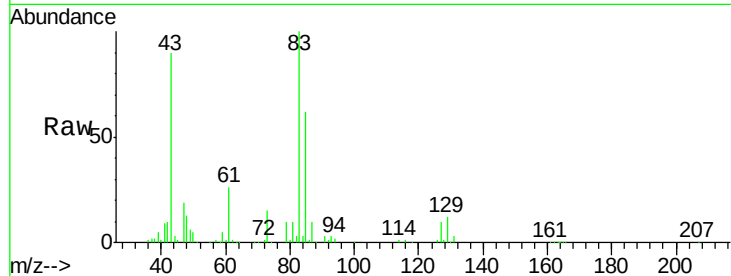
#47
Bromodichloromethane
Concen: 9.53 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.3	78.5
127	9.7	7.8	11.6

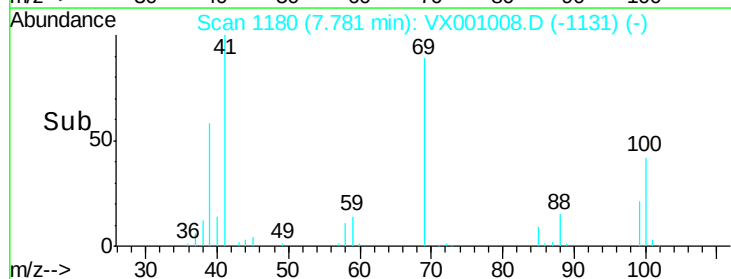
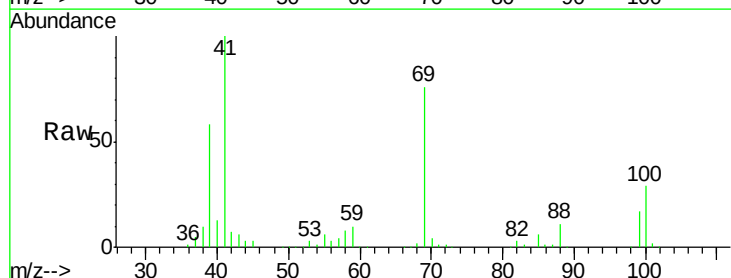
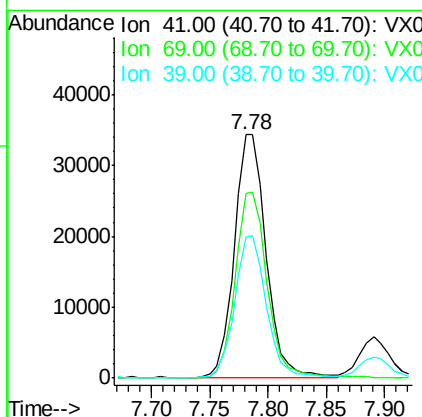
Manual Integrations
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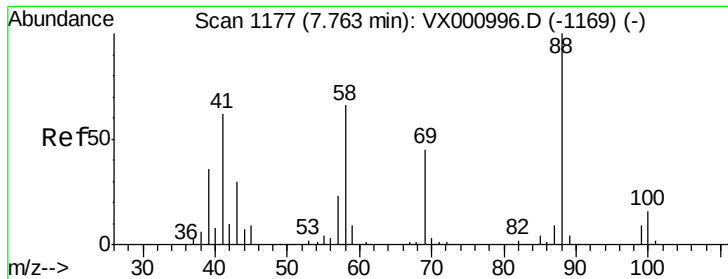
MMDadoda
4/23/2018 1:27:39 PM



#48
Methyl methacrylate
Concen: 9.62 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.5	62.6	94.0
39	58.1	45.3	67.9





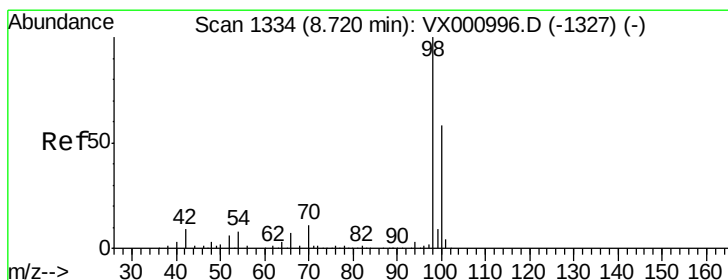
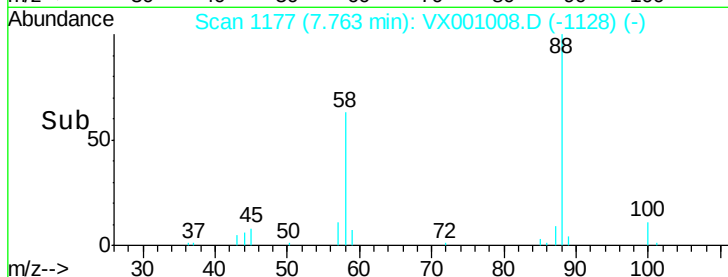
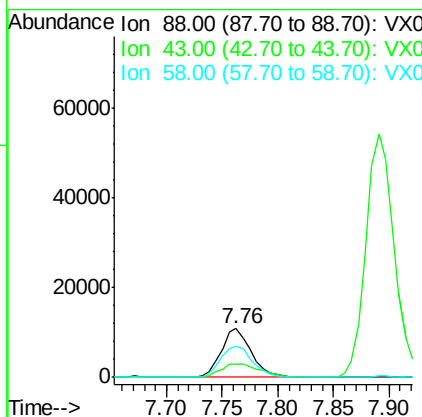
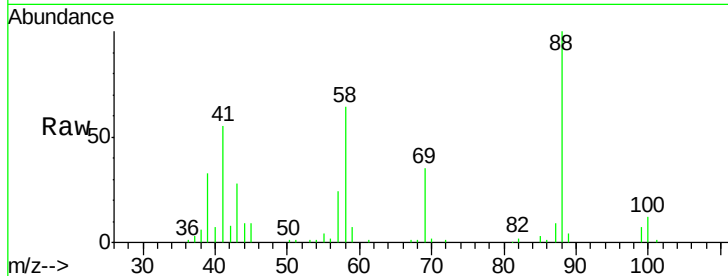
#49
1,4-Dioxane
Concen: 201.26 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.6	29.2	43.8
58	69.6	55.0	82.6

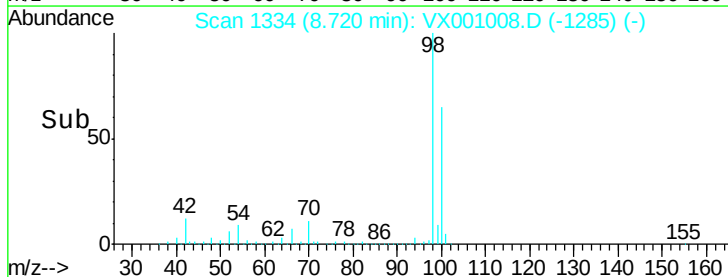
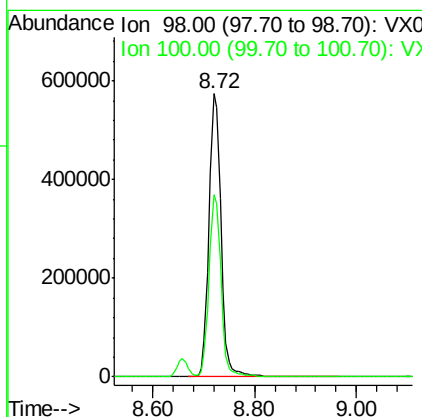
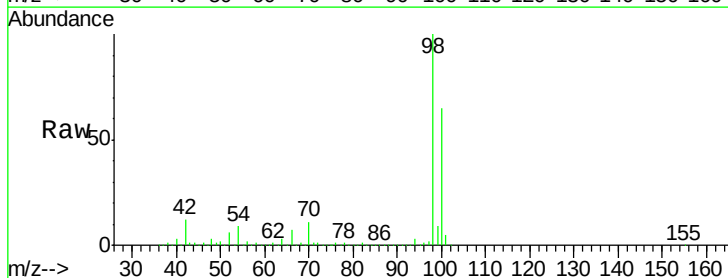
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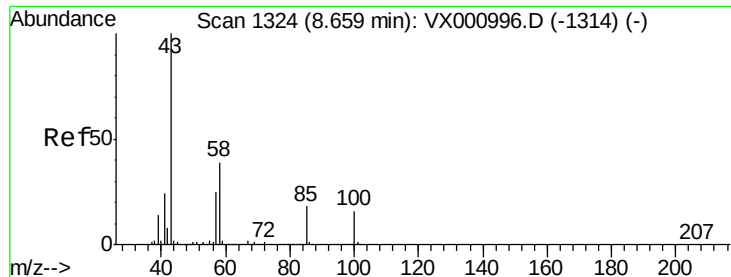
MMDadoda
4/23/2018 1:27:39 PM



#50
Toluene-d8
Concen: 48.72 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 50.23 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 43 Resp: 384029

Ion Ratio Lower Upper

43 100

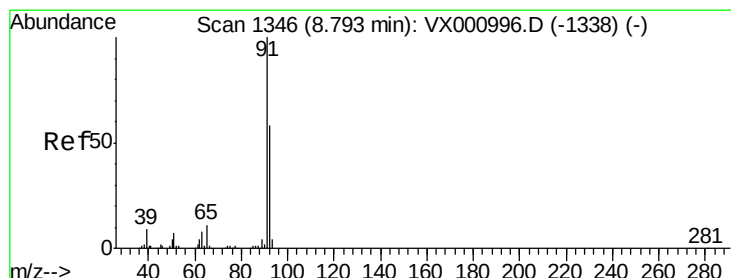
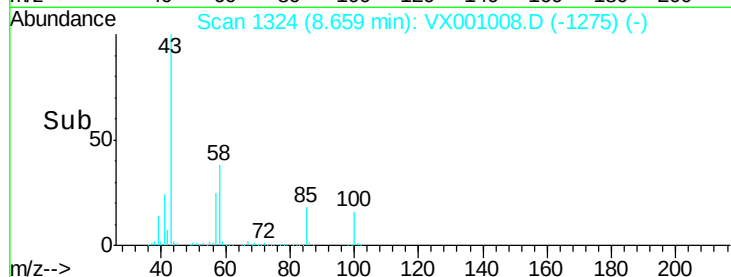
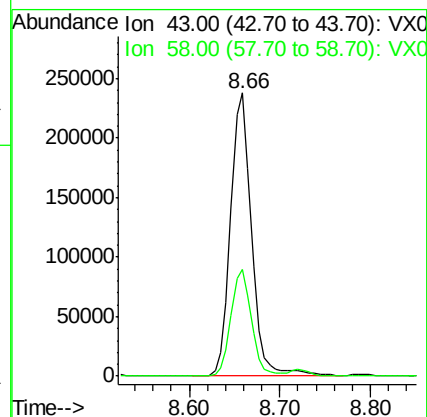
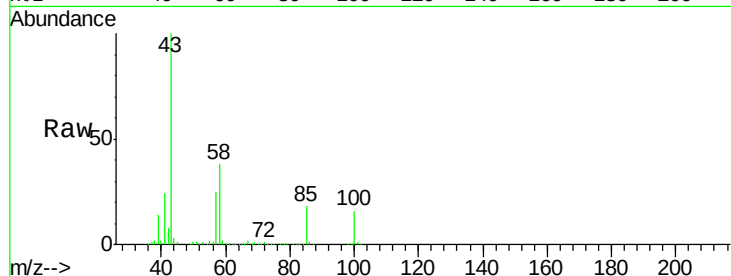
58 36.7 30.2 45.4

Manual Integrations

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4/23/2018 1:27:39 PM



#52

Toluene

Concen: 9.77 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001008.D

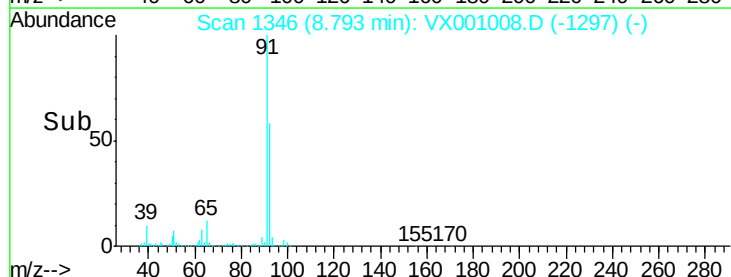
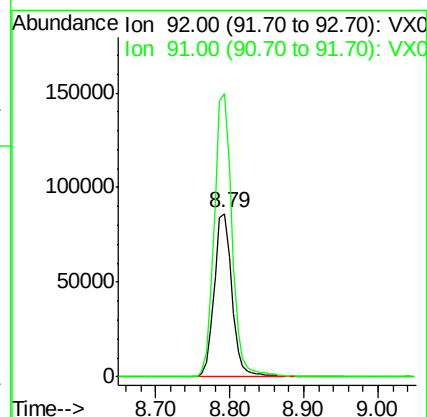
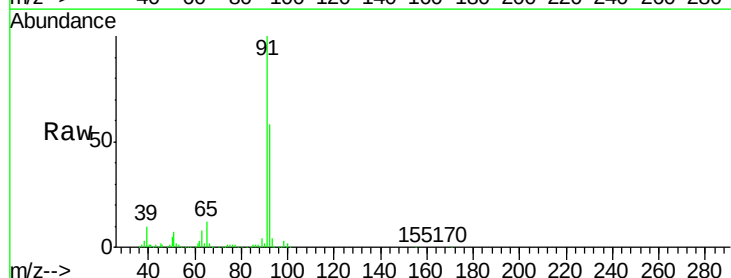
Acq: 20 Apr 2018 15:01

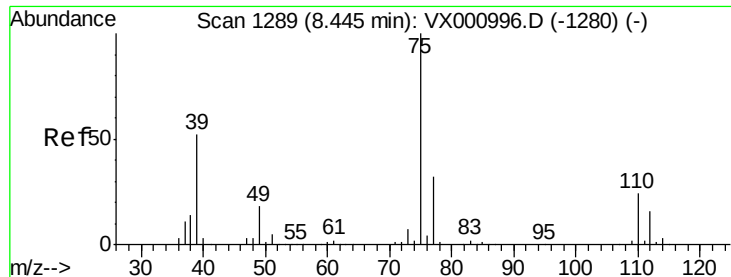
Tgt Ion: 92 Resp: 141847

Ion Ratio Lower Upper

92 100

91 173.5 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 9.79 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 75 Resp: 84742

Ion Ratio Lower Upper

75 100

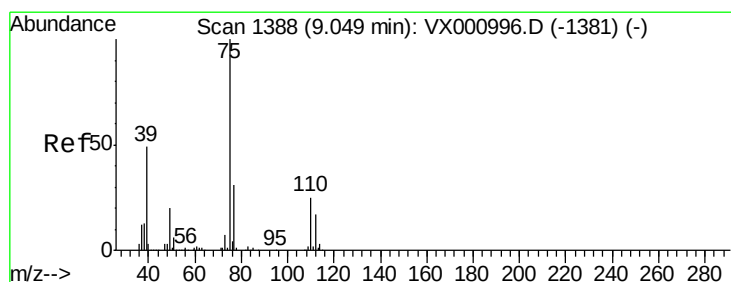
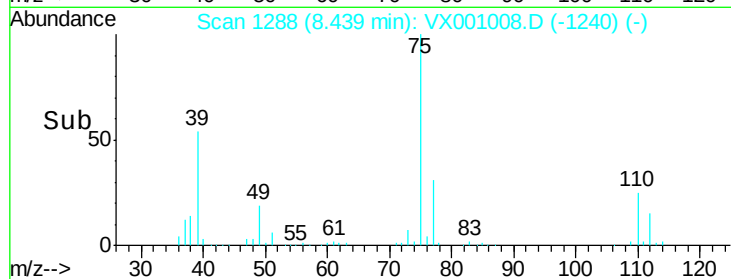
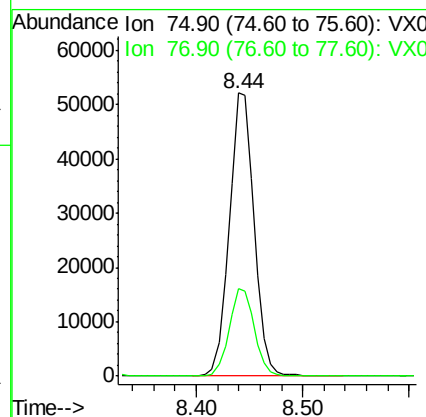
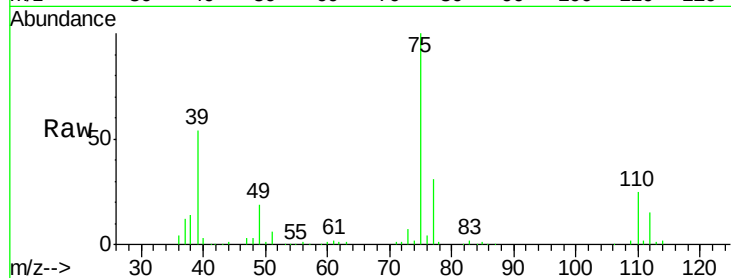
77 31.0 25.8 38.6

Manual Integrations

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4/23/2018 1:27:39 PM



#54

cis-1,3-Dichloropropene

Concen: 9.69 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

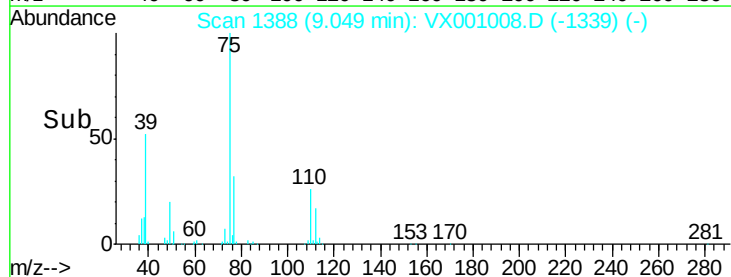
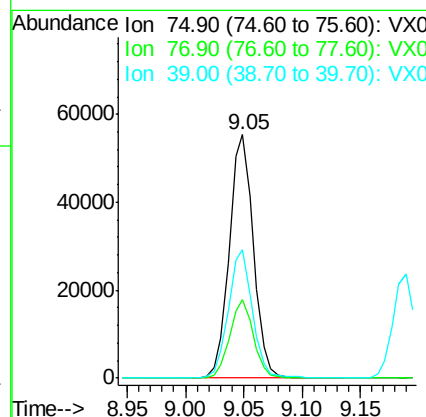
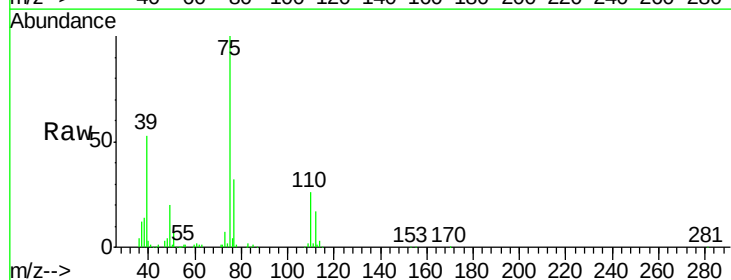
Tgt Ion: 75 Resp: 79083

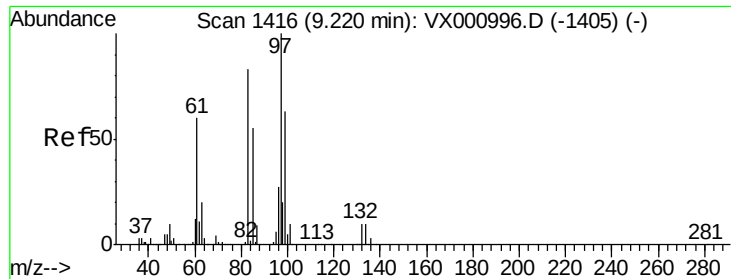
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

39 52.5 39.2 58.8





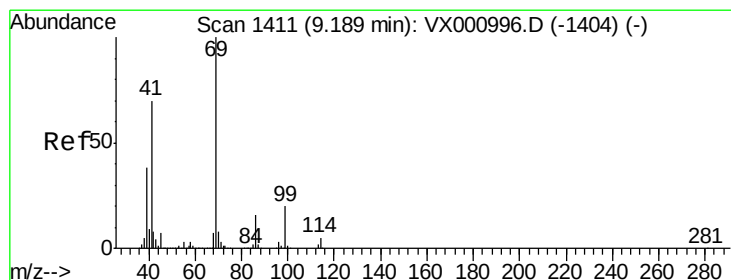
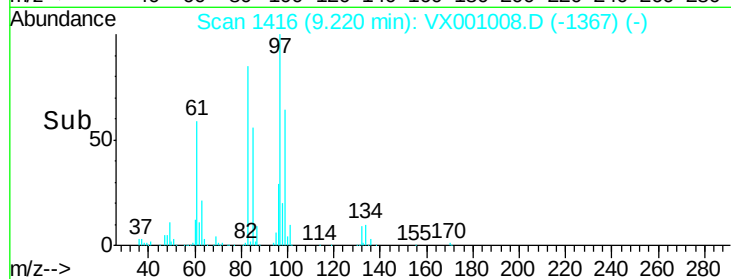
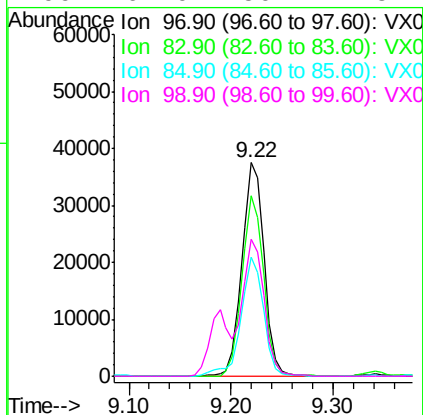
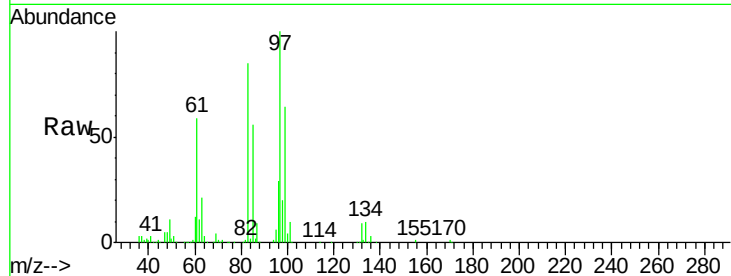
#55
 1,1,2-Trichloroethane
 Concen: 9.76 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	56301		
83	84.7	66.2	99.4	
85	55.9	44.2	66.4	
99	64.0	50.2	75.4	

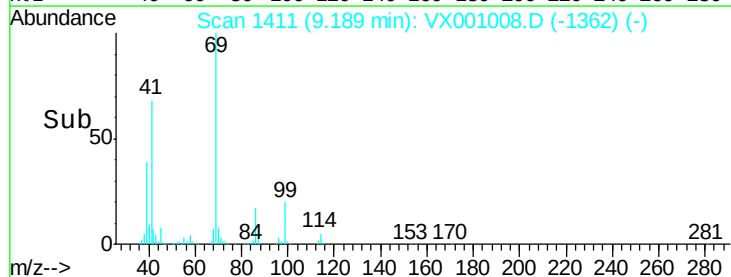
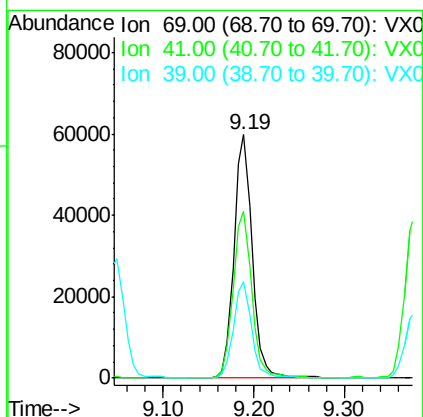
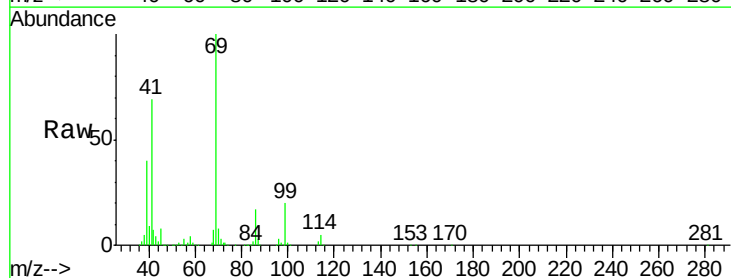
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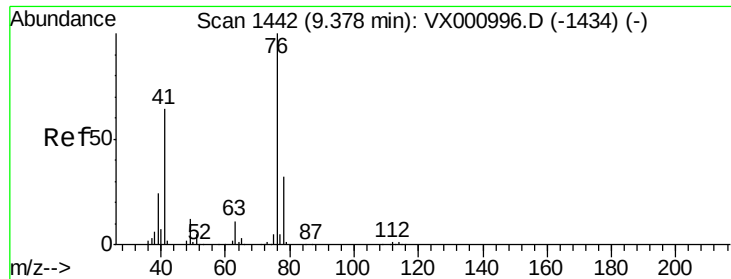
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 9.84 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	83446		
41	70.3	56.3	84.5	
39	39.0	30.4	45.6	





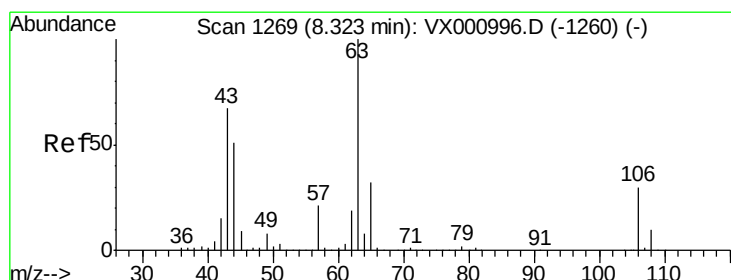
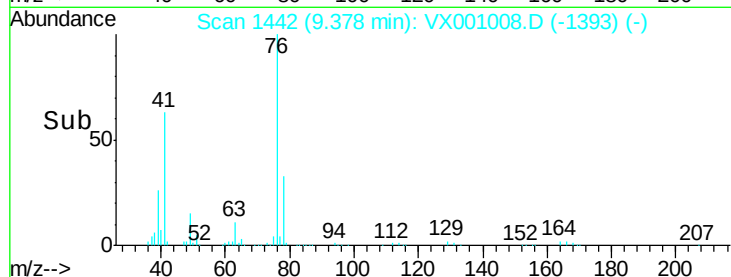
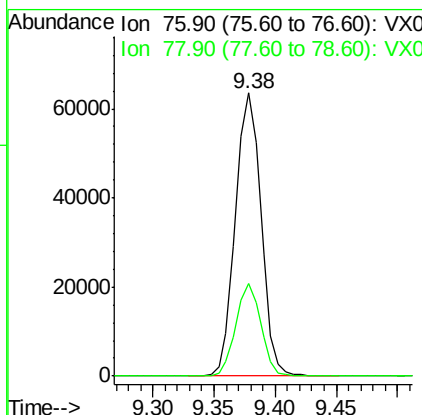
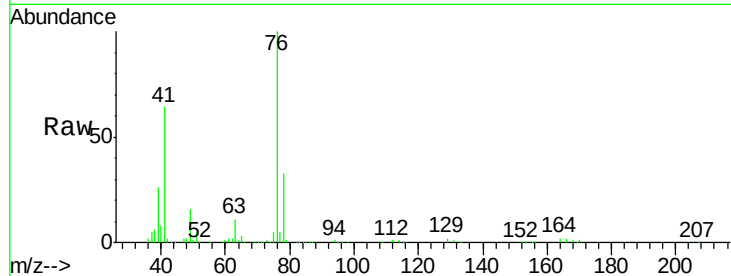
#57
 1,3-Dichloropropane
 Concen: 9.65 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion: 76 Resp: 92306
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6

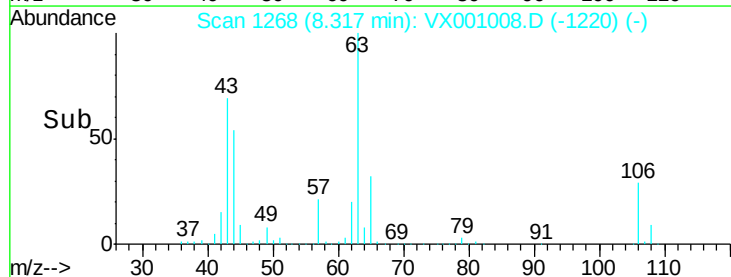
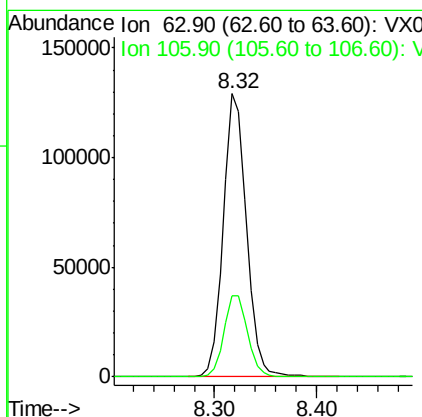
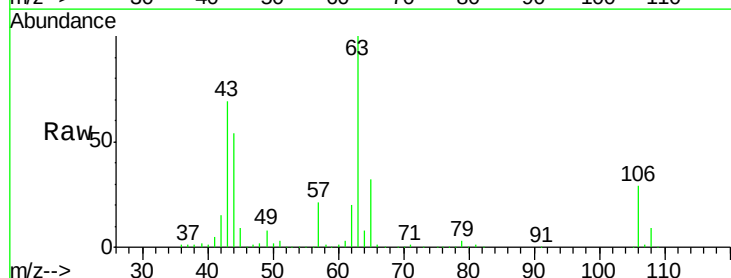
Manual Integrations
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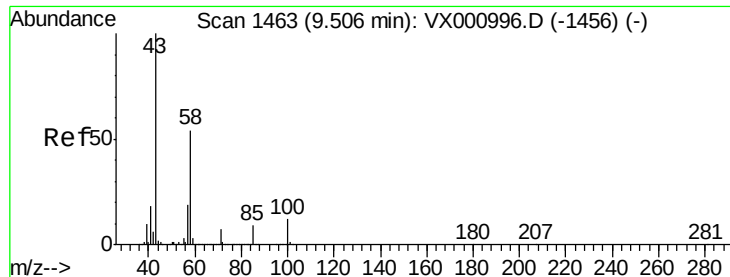
MMDadoda
 4/23/2018 1:27:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 49.12 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion: 63 Resp: 203221
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6





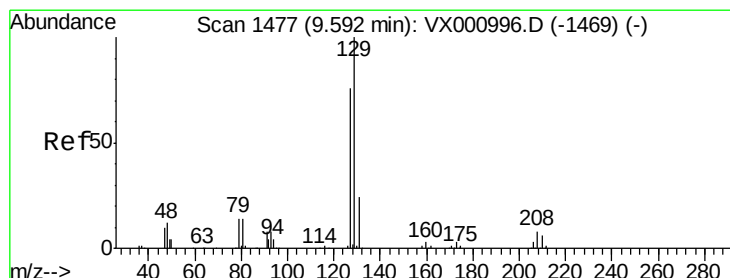
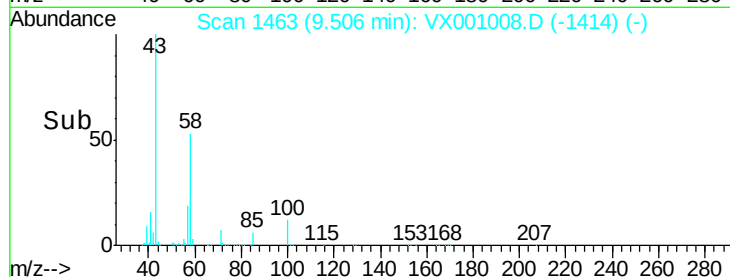
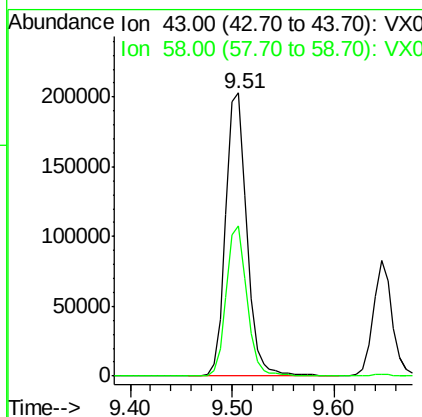
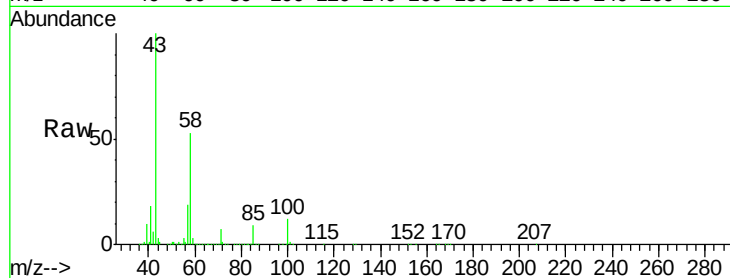
#59
2-Hexanone
Concen: 49.73 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion: 43 Resp: 291023
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9

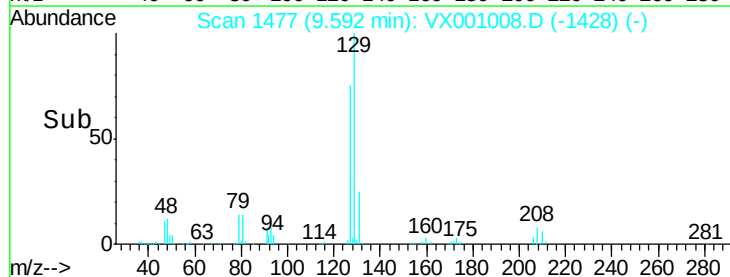
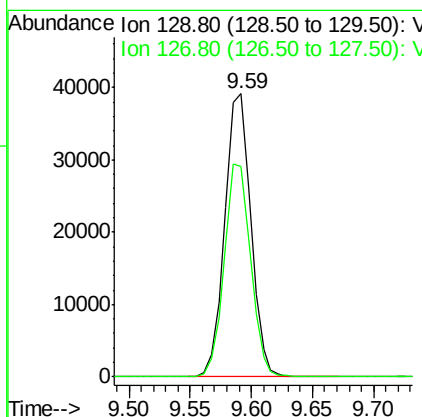
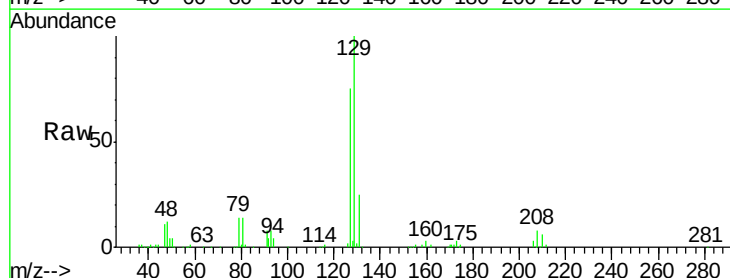
Manual Integrations
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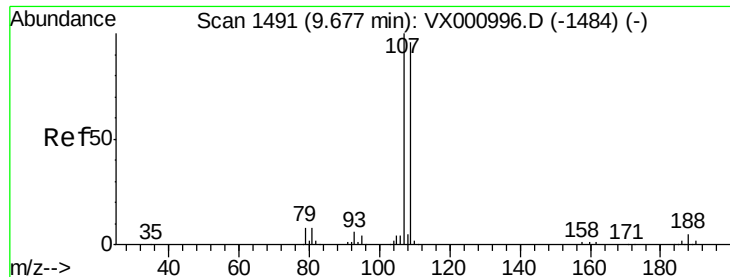
MMDadoda
4/23/2018 1:27:39 PM



#60
Dibromochloromethane
Concen: 9.53 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 129 Resp: 57738
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 9.82 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 107 Resp: 59838

Ion Ratio Lower Upper

107 100

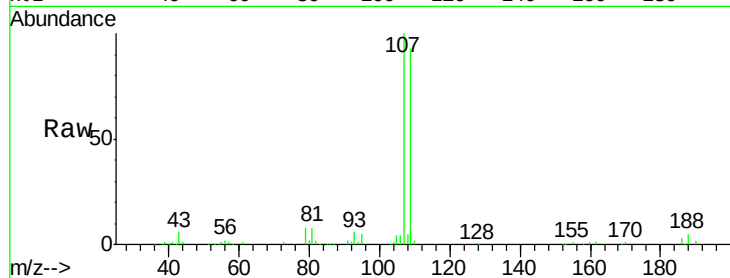
109 93.5 76.0 114.0

Manual Integrations

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4/23/2018 1:27:39 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

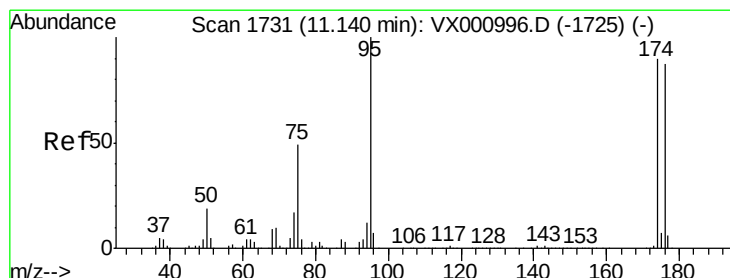
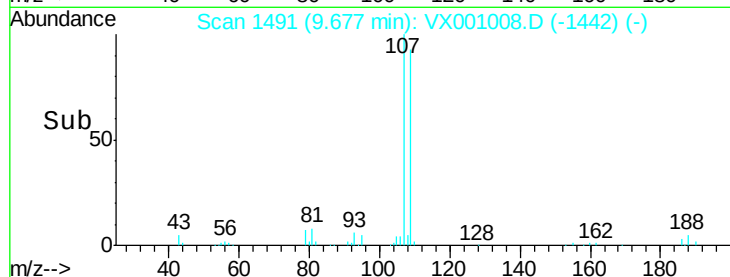
20000

10000

0

Time-->

9.60 9.70



#62

4-Bromofluorobenzene

Concen: 46.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

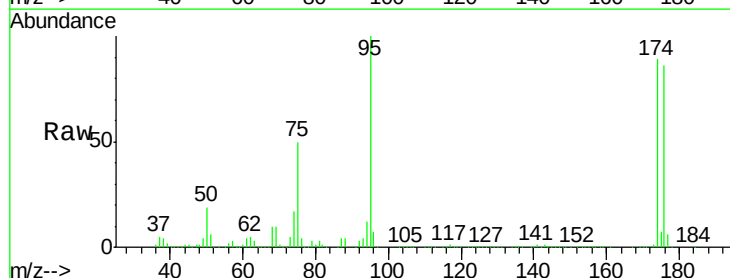
Tgt Ion: 95 Resp: 373268

Ion Ratio Lower Upper

95 100

174 97.7 0.0 198.4

176 95.1 0.0 192.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

300000

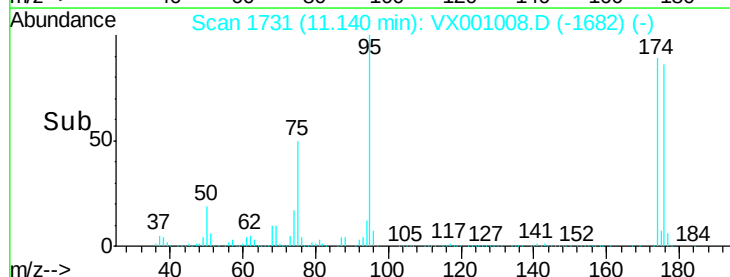
200000

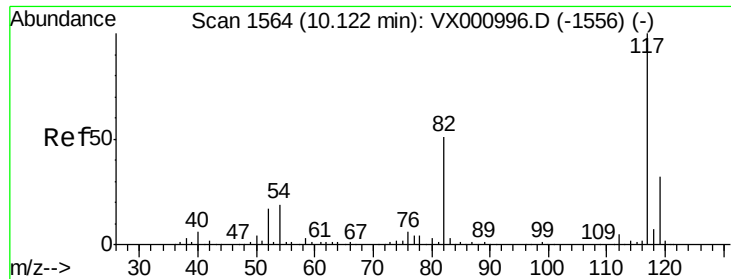
100000

0

Time-->

11.10 11.20





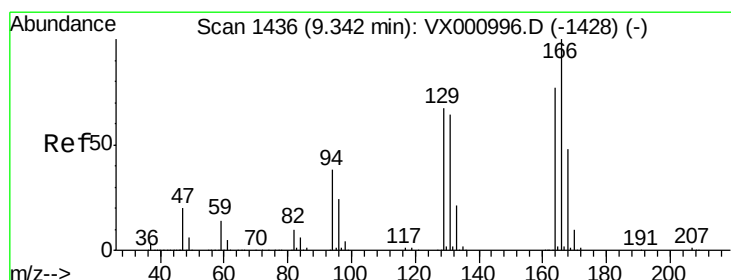
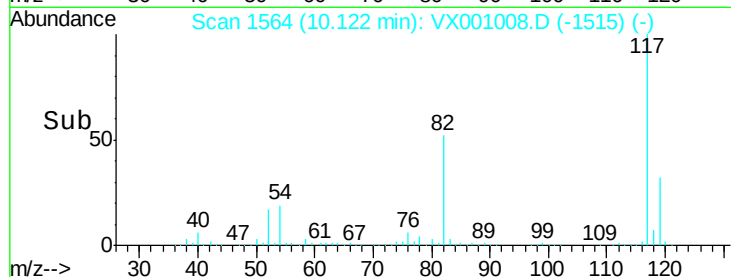
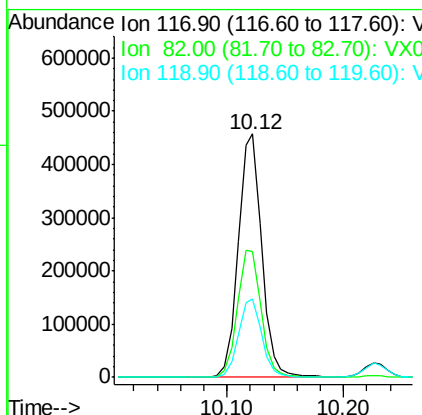
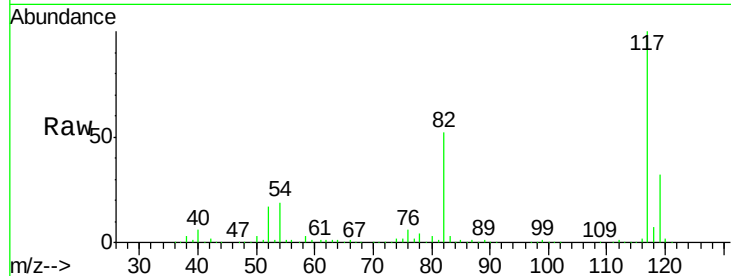
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	40.6	60.8
119	32.1	26.0	39.0

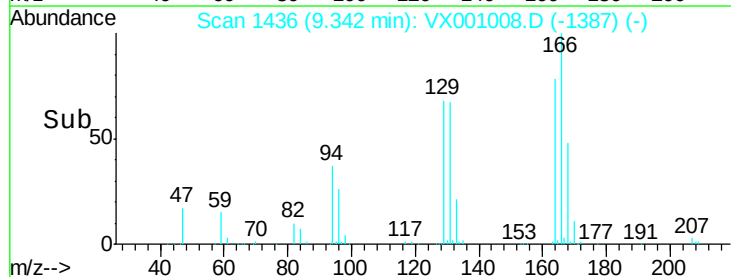
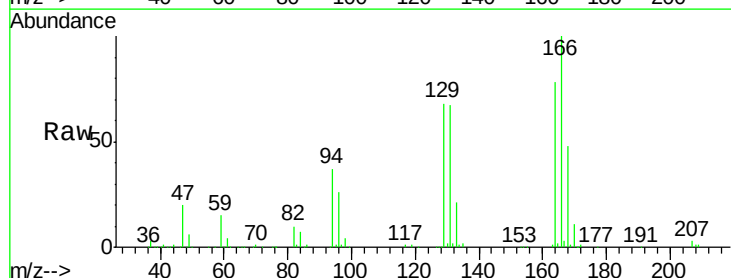
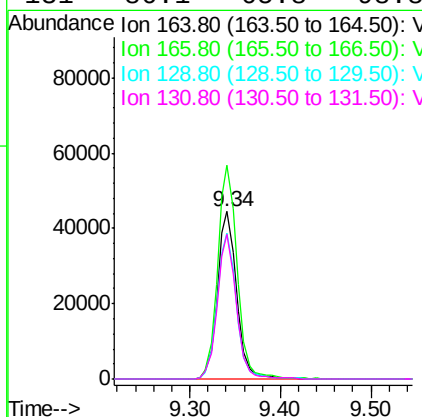
Manual Integrations
APPROVED

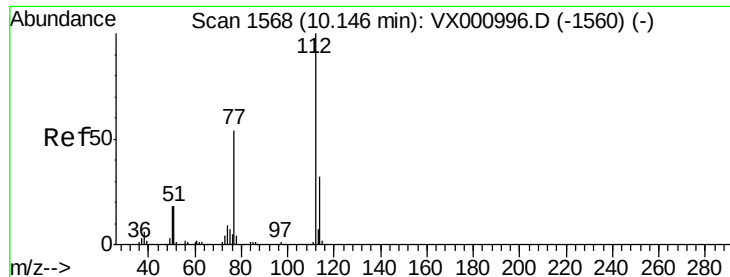
MMDadoda
4/23/2018 1:27:39 PM



#64
Tetrachloroethene
Concen: 9.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.5	155.3
129	86.9	69.6	104.4
131	86.1	65.8	98.8





#65

Chlorobenzene

Concen: 9.74 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion:112 Resp: 166805

Ion Ratio Lower Upper

112 100

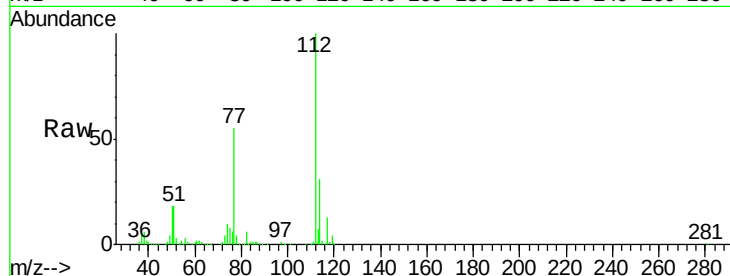
114 31.4 25.5 38.3

Manual Integrations

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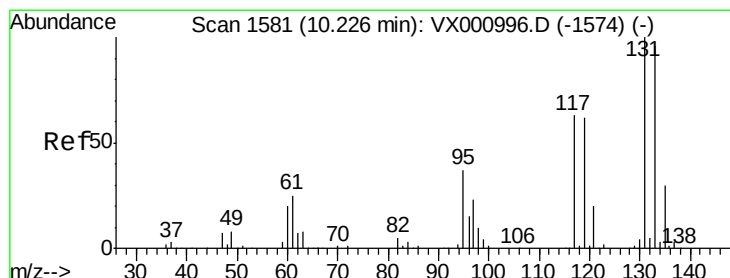
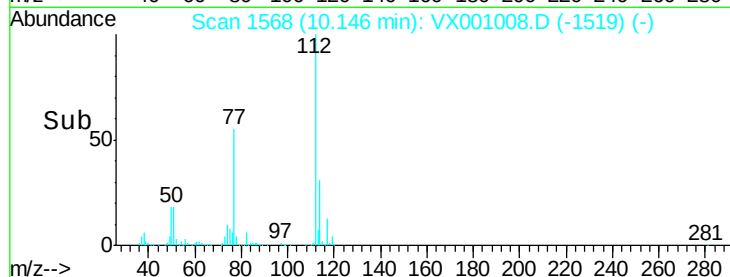
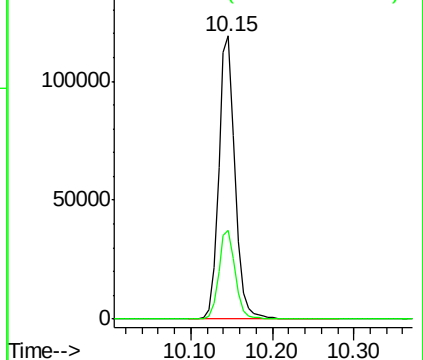
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 9.79 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

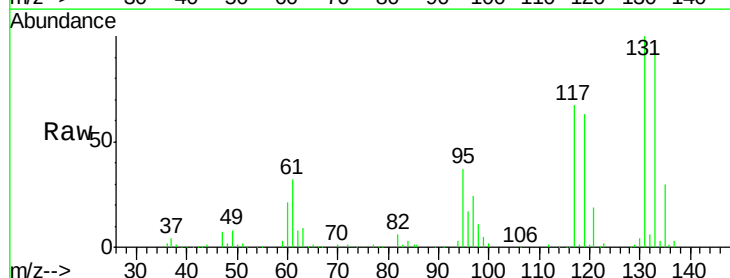
Tgt Ion:131 Resp: 57536

Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.8

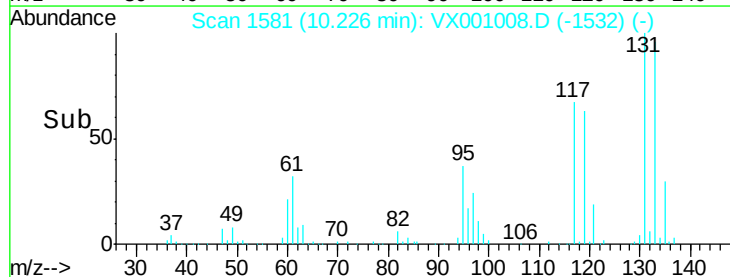
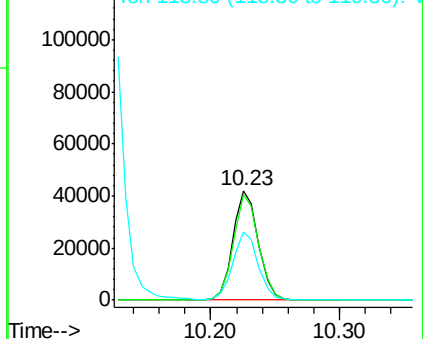
119 62.8 31.1 93.2

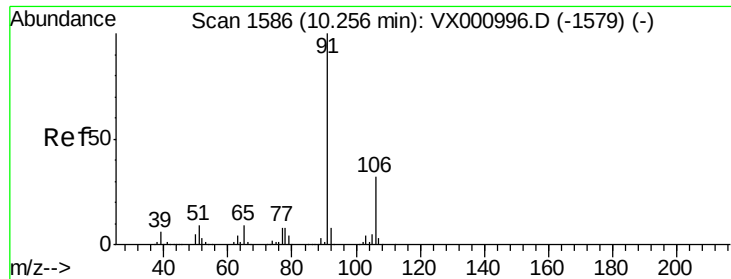


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





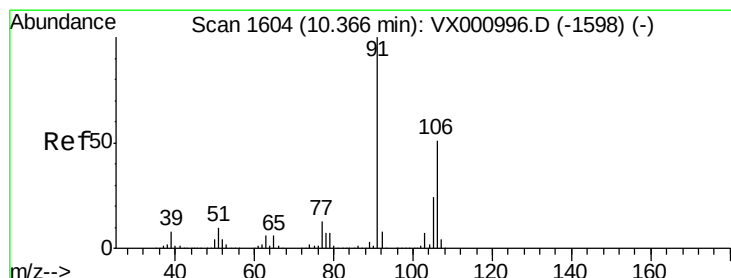
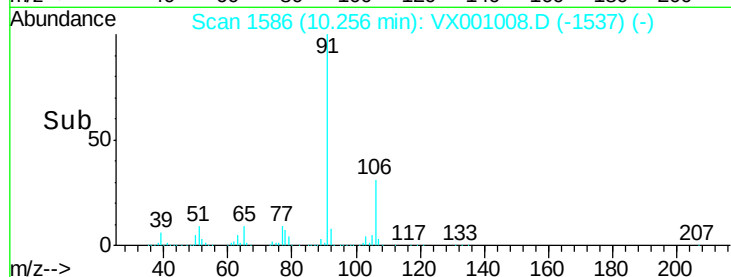
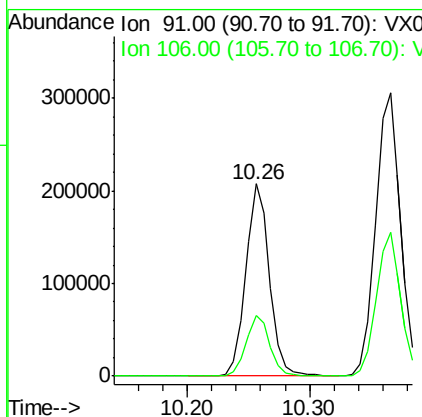
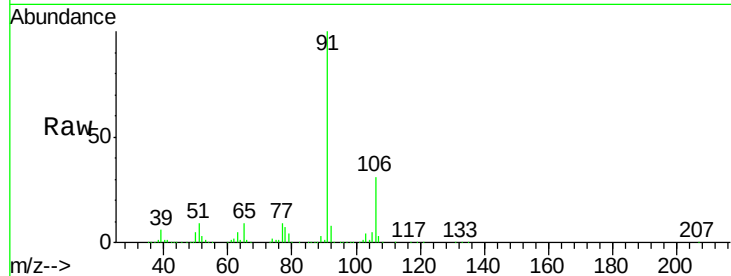
#67
Ethyl Benzene
Concen: 9.79 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampled :
VX0420WBSD01

Tgt Ion: 91 Resp: 278290
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5

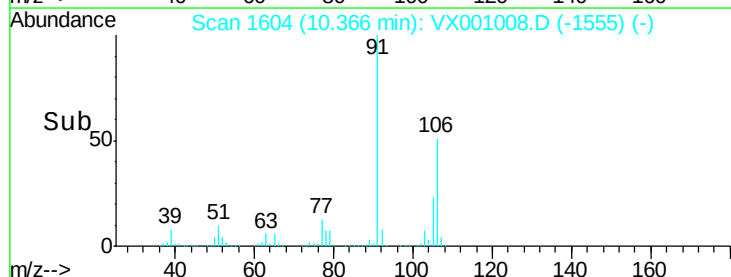
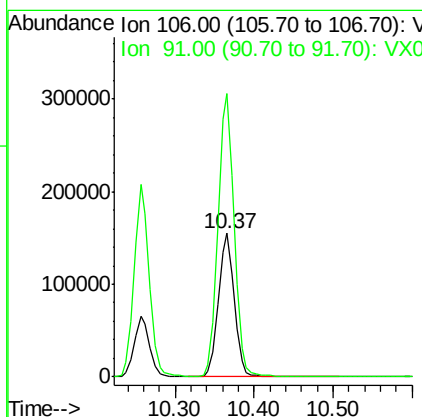
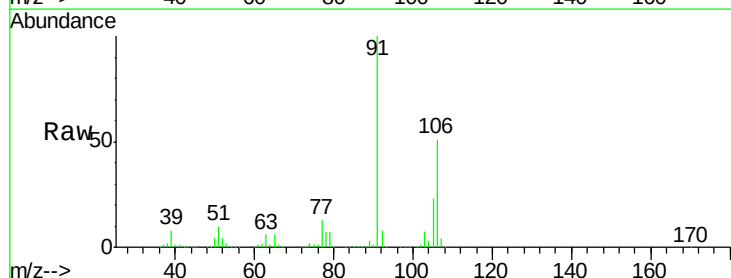
Manual Integrations
APPROVED

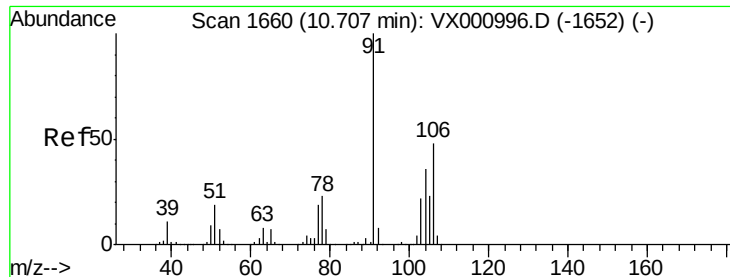
MMDadoda
4/23/2018 1:27:39 PM



#68
m/p-Xylenes
Concen: 19.51 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 106 Resp: 218601
Ion Ratio Lower Upper
106 100
91 200.4 159.3 238.9





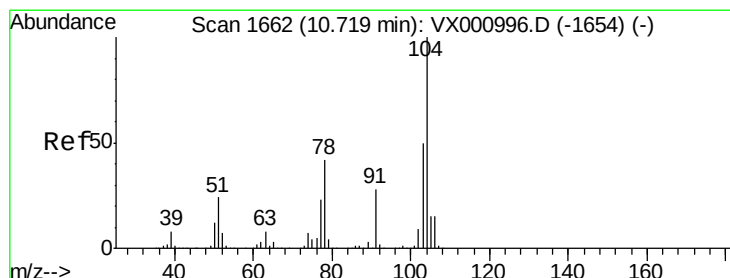
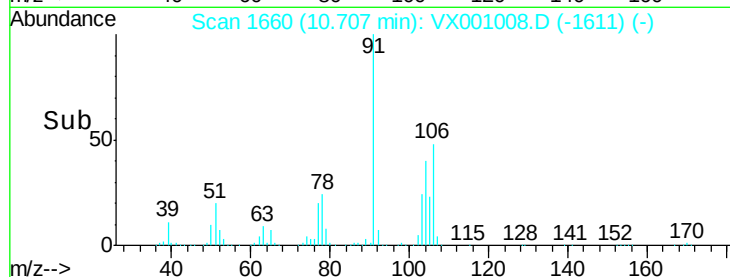
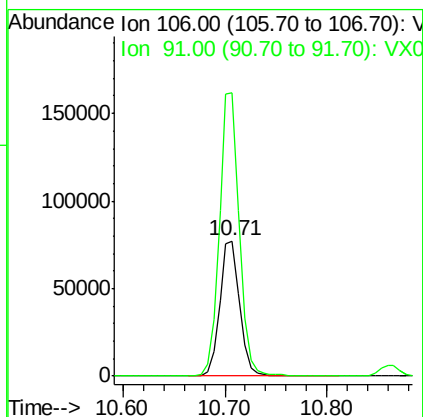
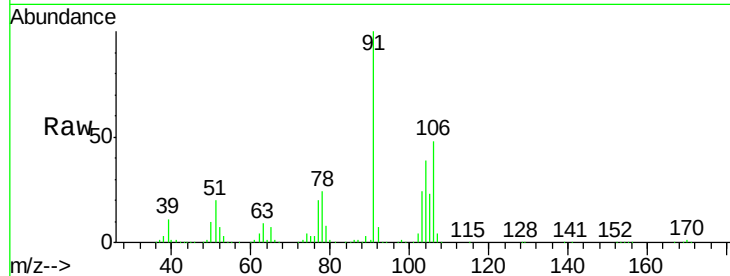
#69
o-Xylene
Concen: 9.76 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.0	105.1	315.1

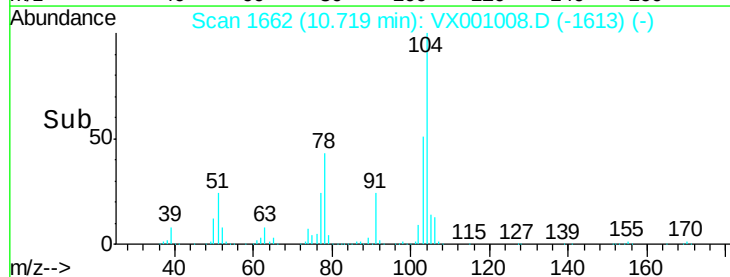
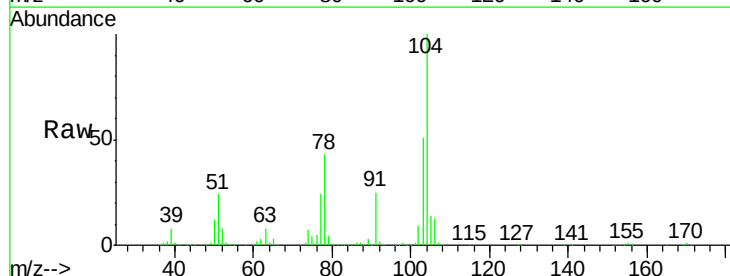
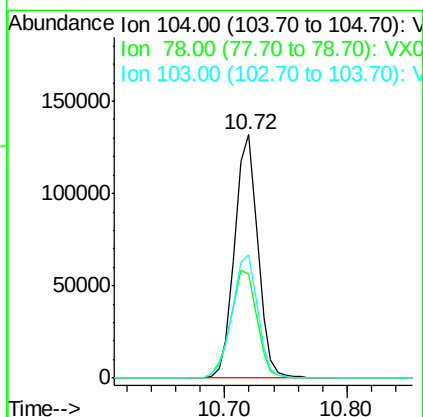
Manual Integrations
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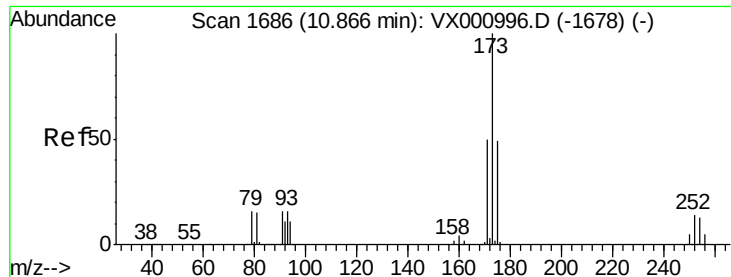
MMDadoda
4/23/2018 1:27:39 PM



#70
Styrene
Concen: 9.74 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.8	39.4	59.2
103	56.0	44.2	66.2





#71

Bromoform

Concen: 10.48 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

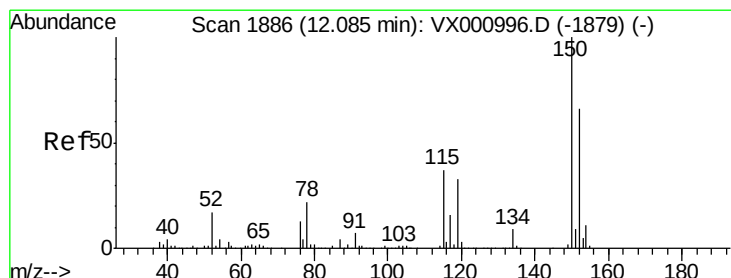
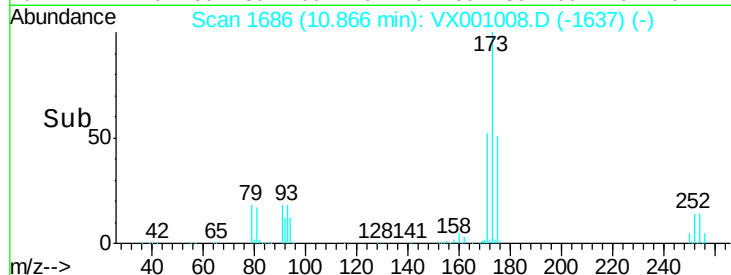
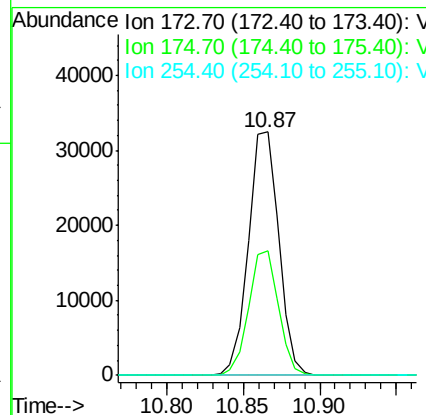
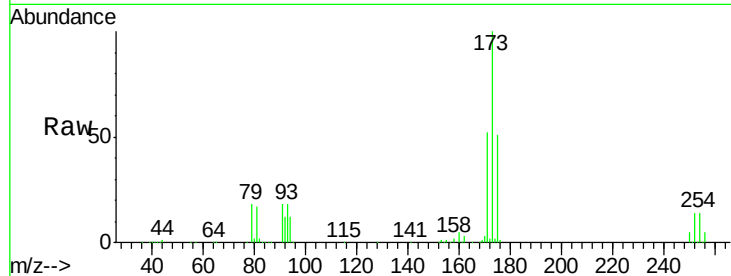
ClientSampleId :

VX0420WBSD01

Tgt Ion:	173	Resp:	44848
Ion Ratio	Lower	Upper	
173	100		
175	50.4	24.8	74.3
254	0.2	0.2	0.2

Manual Integrations
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MMDadoda
4/23/2018 1:27:39 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

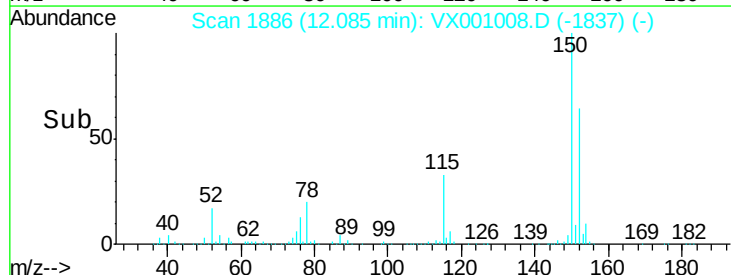
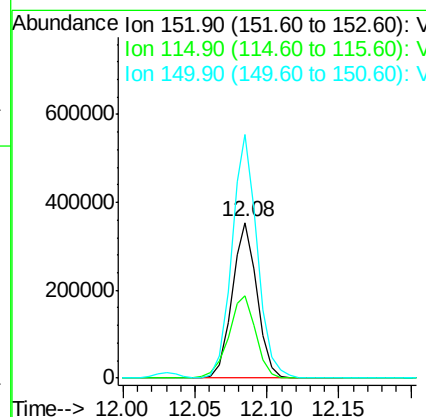
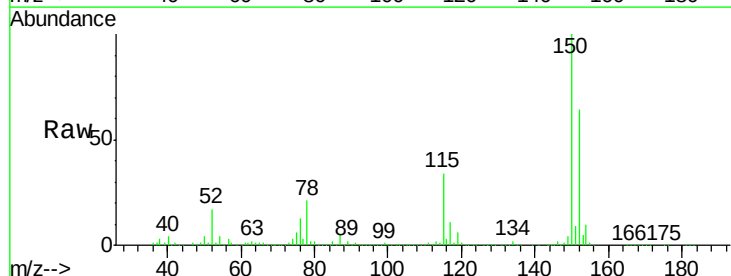
RT: 12.08 min Scan# 1886

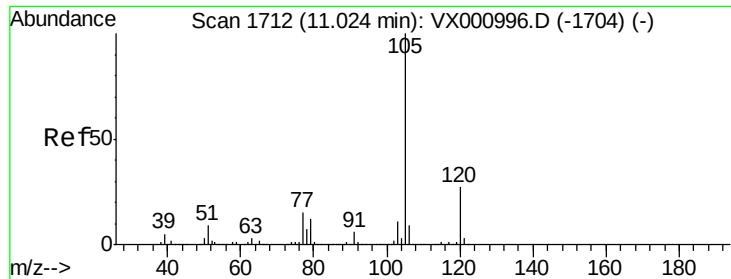
Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Tgt Ion:	152	Resp:	428316
Ion Ratio	Lower	Upper	
152	100		
115	58.1	38.2	114.6
150	159.8	0.0	350.4





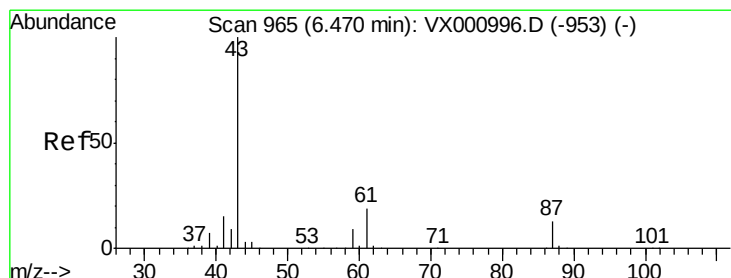
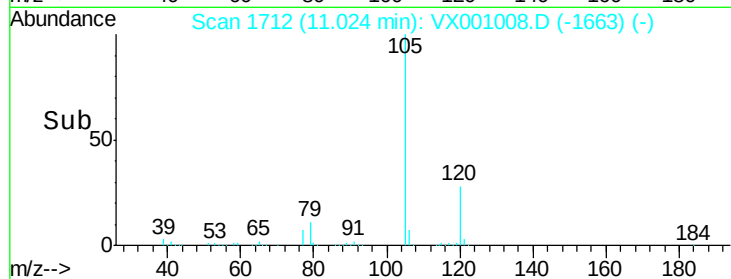
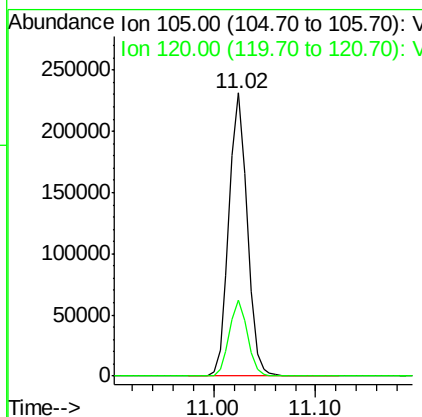
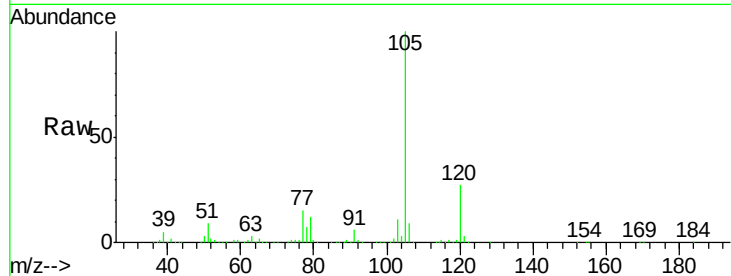
#73
Isopropylbenzene
Concen: 10.25 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.2

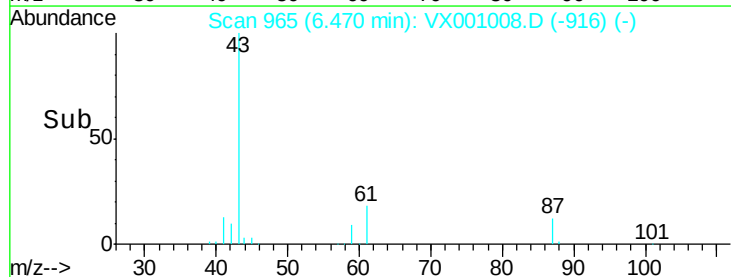
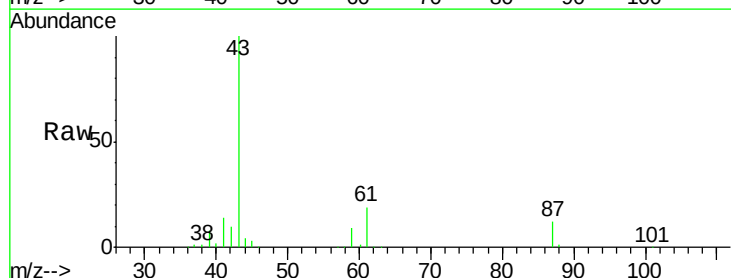
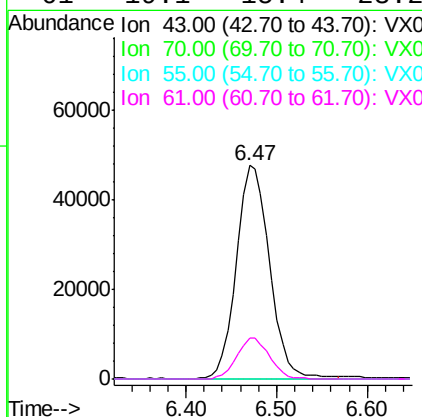
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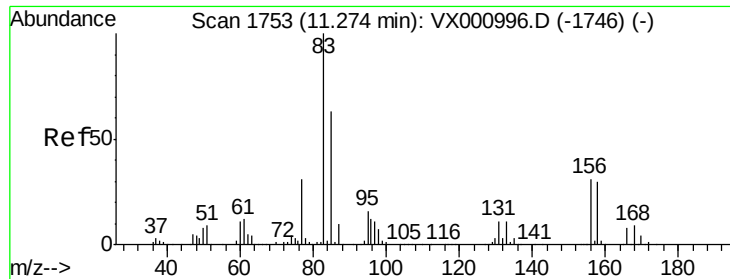
MMDadoda
4/23/2018 1:27:39 PM



#74
N-amyl acetate
Concen: 10.12 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	19.1	15.4	23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.26 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

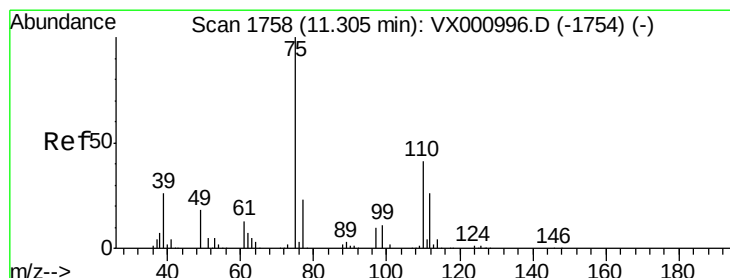
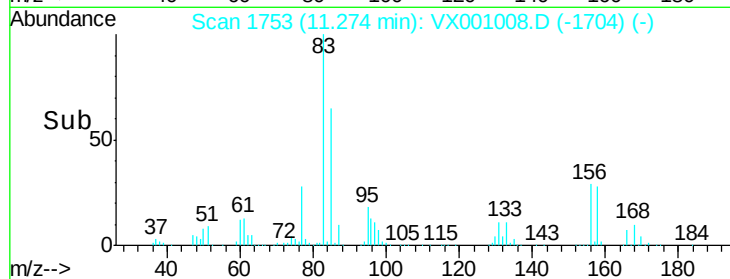
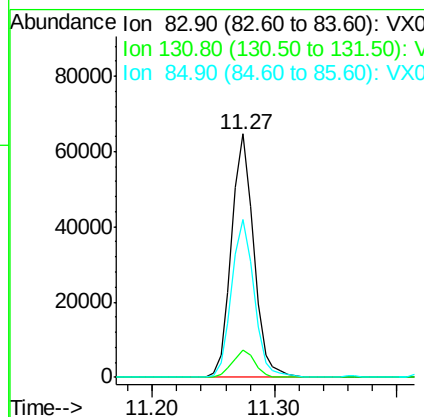
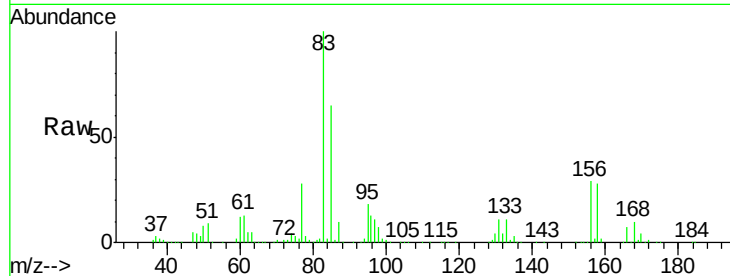
ClientSampleId :

VX0420WBSD01

Tgt Ion:	83	Resp:	81338
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.8	17.4
85	65.5	32.0	96.2

Manual Integrations
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4/23/2018 1:27:39 PM



#76

1,2,3-Trichloropropane

Concen: 10.34 ug/l m

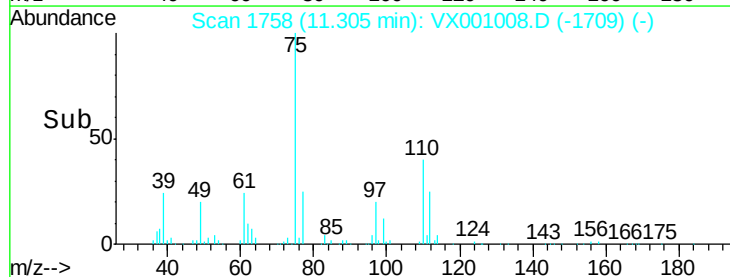
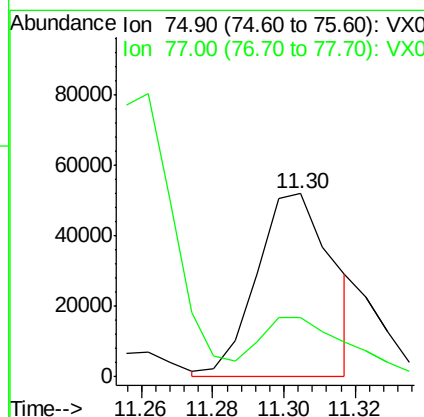
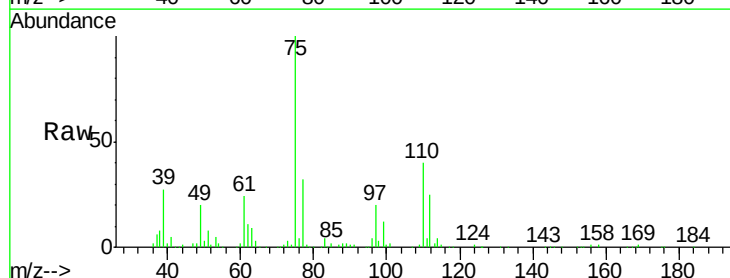
RT: 11.30 min Scan# 1758

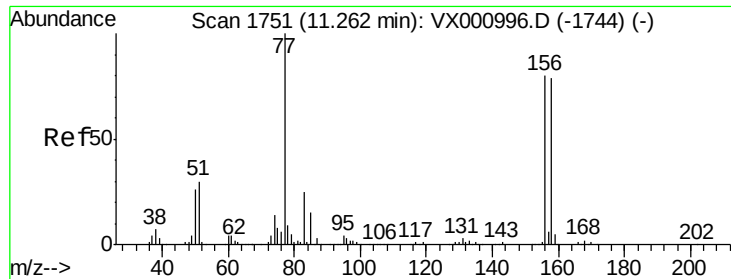
Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Tgt Ion:	75	Resp:	76810
Ion	Ratio	Lower	Upper
75	100		
77	38.0	19.6	58.7





#77

Bromobenzene

Concen: 10.09 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

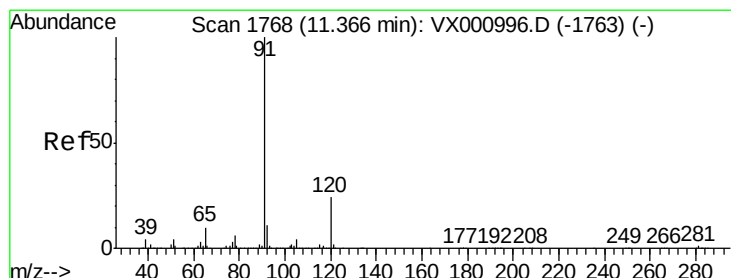
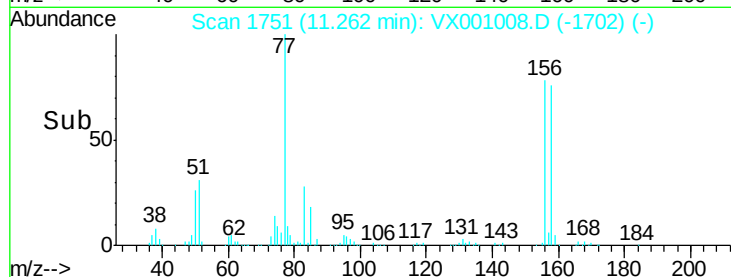
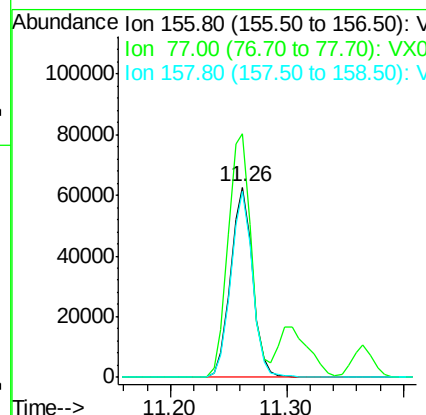
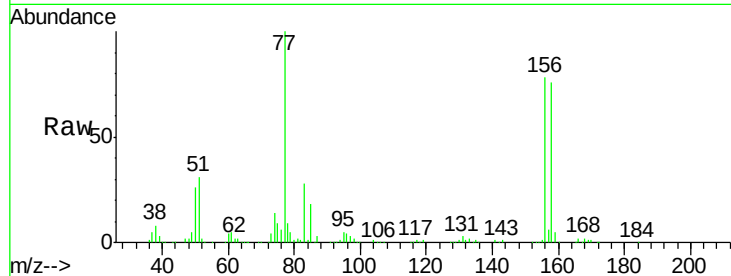
ClientSampleId :

VX0420WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	81990		
77	135.2	66.3	199.0	
158	96.8	48.9	146.6	

Manual Integrations
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#78

n-propylbenzene

Concen: 10.09 ug/l

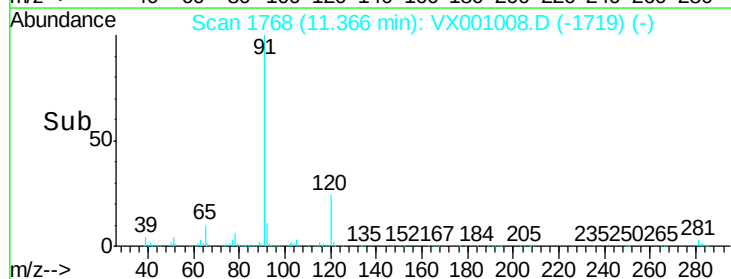
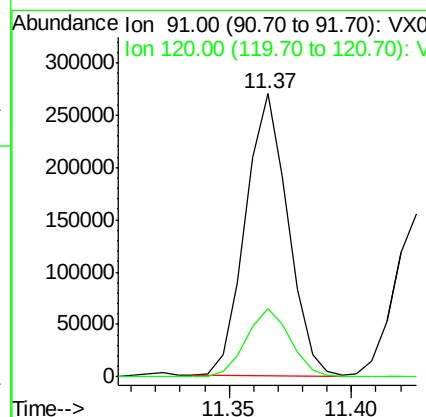
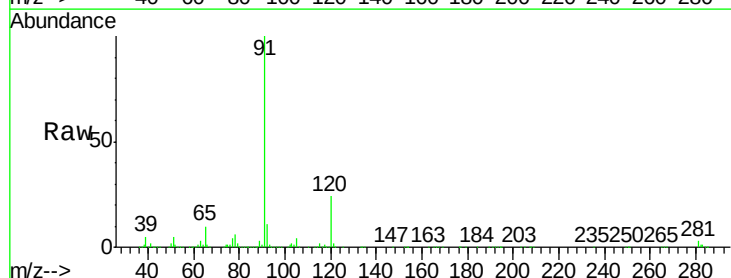
RT: 11.37 min Scan# 1768

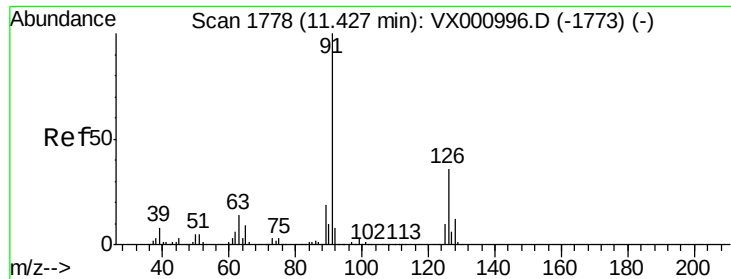
Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	324457		
120	25.0	12.4	37.0	





#79

2-Chlorotoluene

Concen: 10.13 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001008.D

Acq: 20 Apr 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 91 Resp: 192445

Ion Ratio Lower Upper

91 100

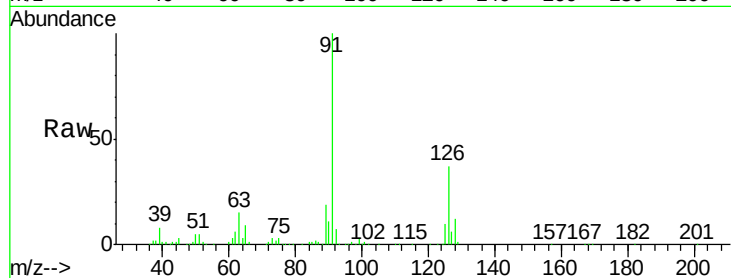
126 36.6 18.3 54.9

Manual Integrations

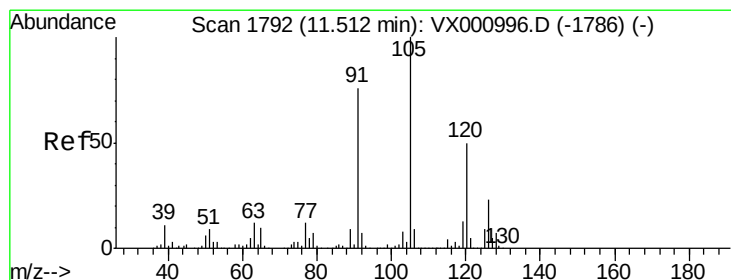
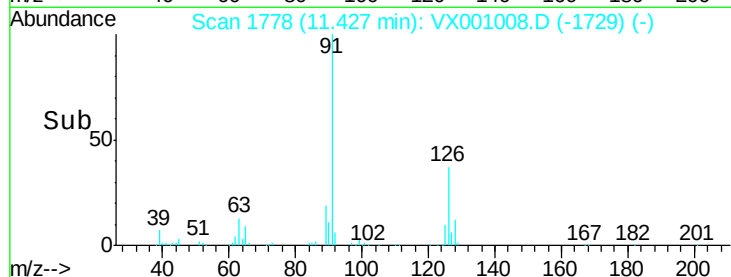
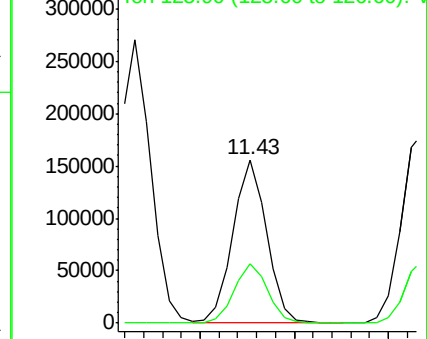
APPROVED

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4/23/2018 1:27:39 PM



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.20 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001008.D

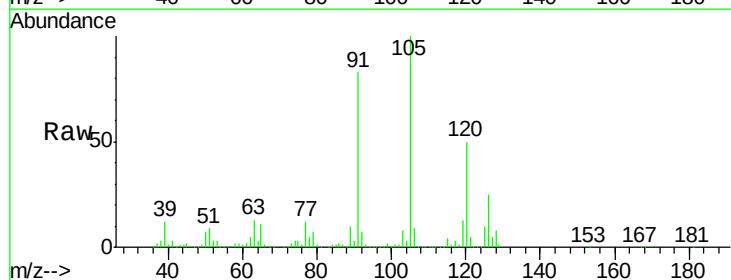
Acq: 20 Apr 2018 15:01

Tgt Ion: 105 Resp: 242175

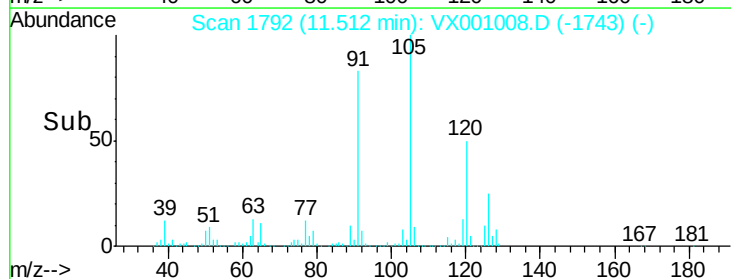
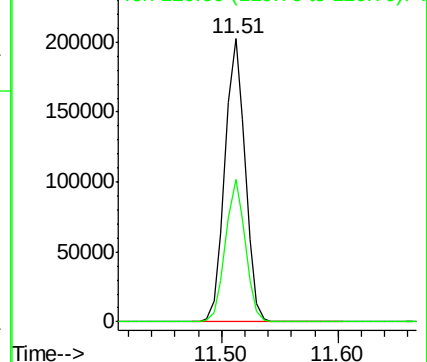
Ion Ratio Lower Upper

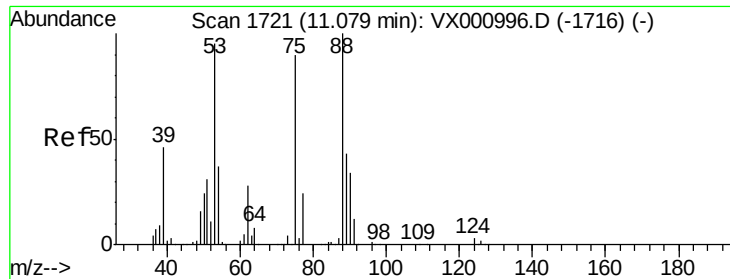
105 100

120 49.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)





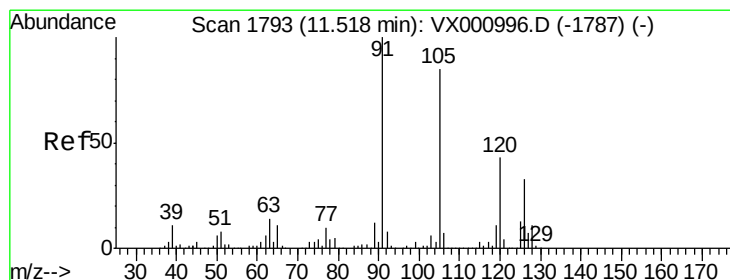
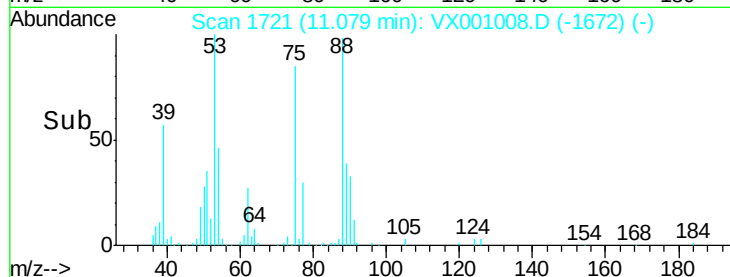
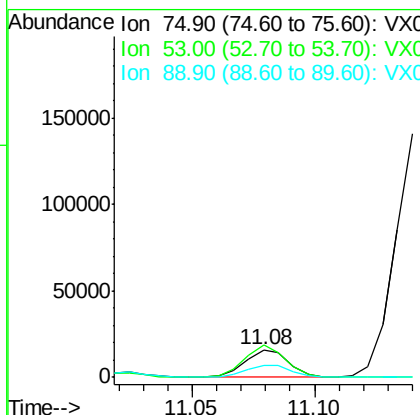
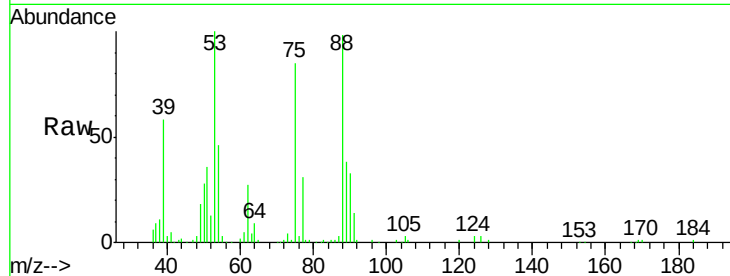
#81
trans-1,4-Dichloro-2-butene
Concen: 10.68 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	114.5	83.4	125.2
89	49.0	39.7	59.5

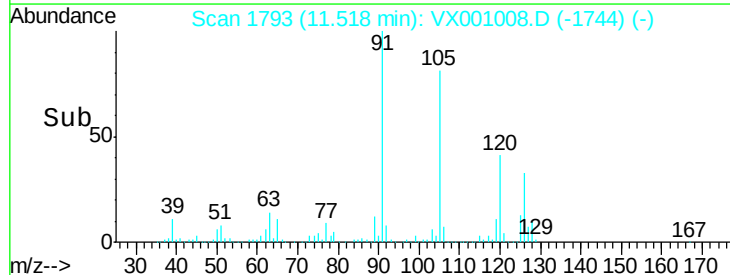
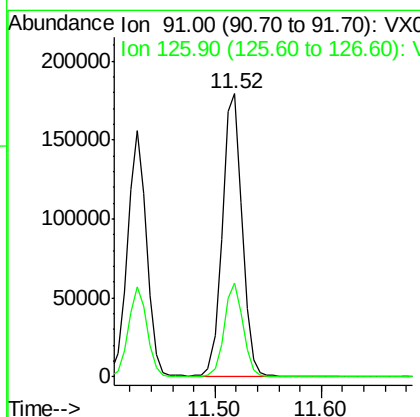
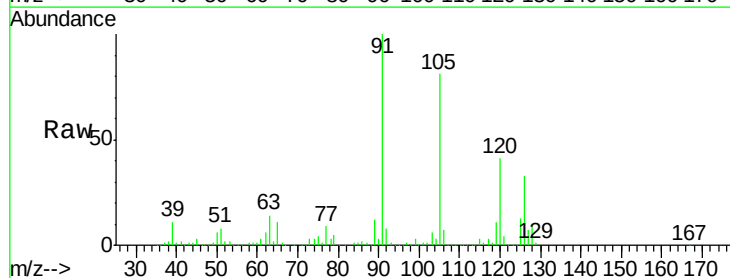
Manual Integrations
APPROVED

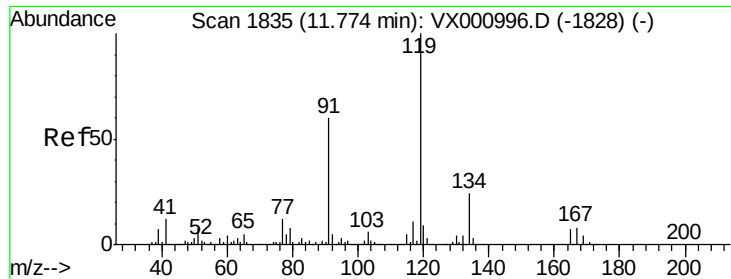
MMDadoda
4/23/2018 1:27:39 PM



#82
4-Chlorotoluene
Concen: 10.14 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	16.2	48.5





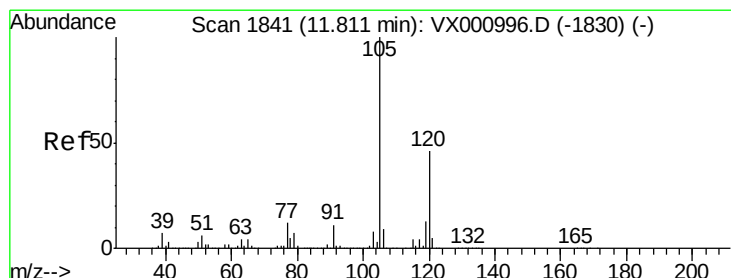
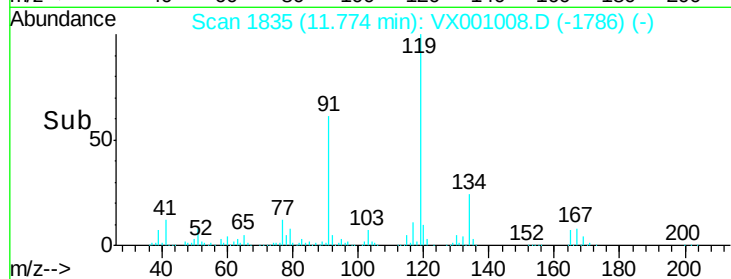
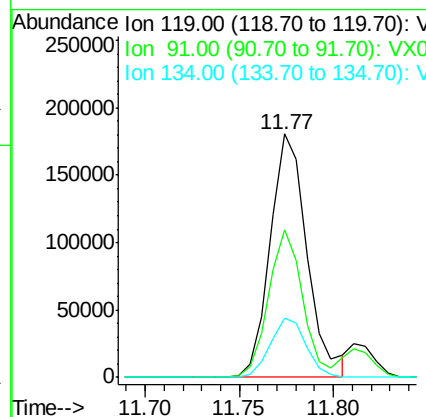
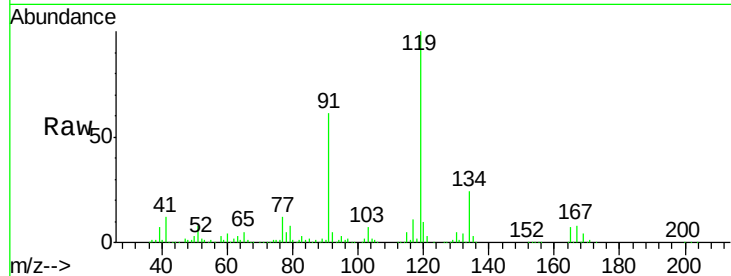
#83
 tert-Butylbenzene
 Concen: 10.24 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	245269		
91	55.8	27.0	81.0	
134	23.6	11.6	34.7	

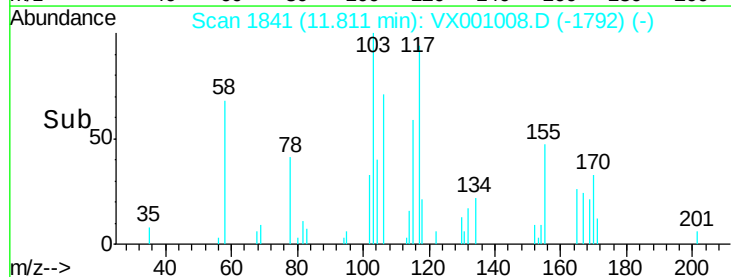
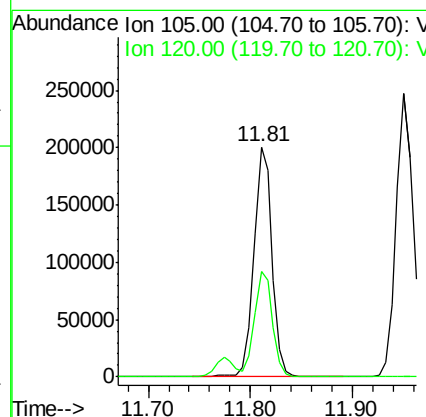
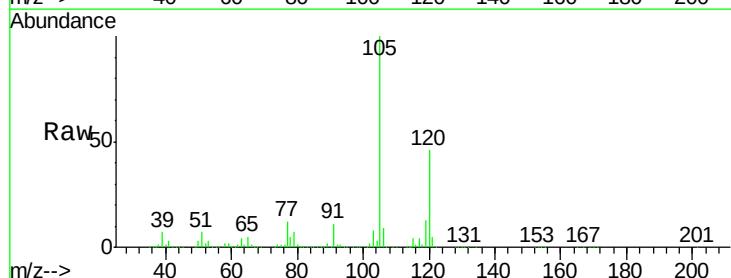
Manual Integrations
 APPROVED

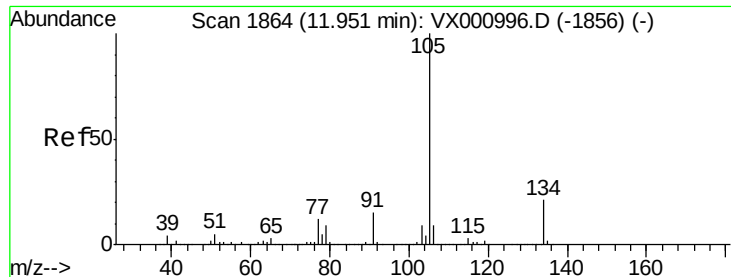
MMDadoda
 4/23/2018 1:27:39 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 10.18 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248579		
120	45.8	23.0	69.0	





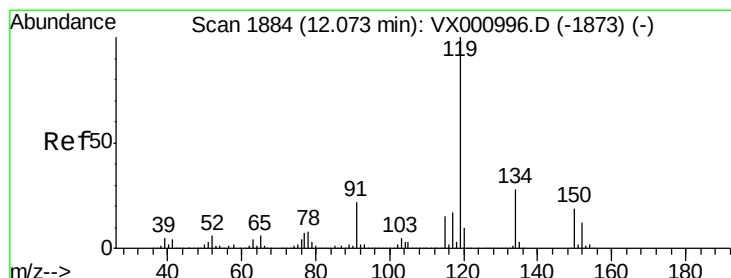
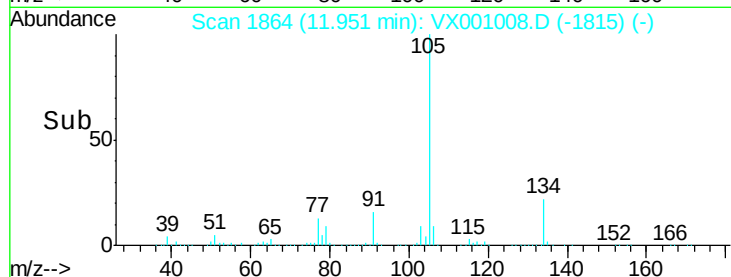
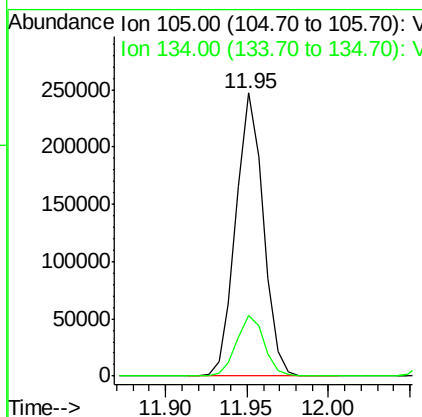
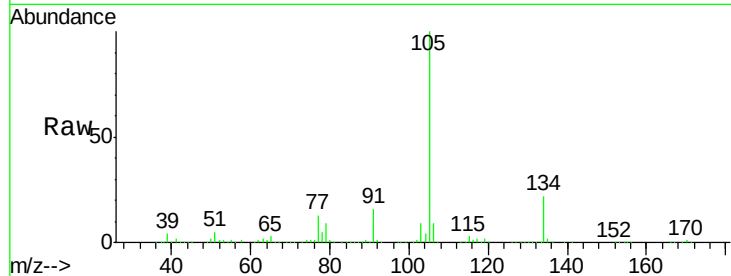
#85
 sec-Butylbenzene
 Concen: 10.13 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion:105 Resp: 289611
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.5 31.6

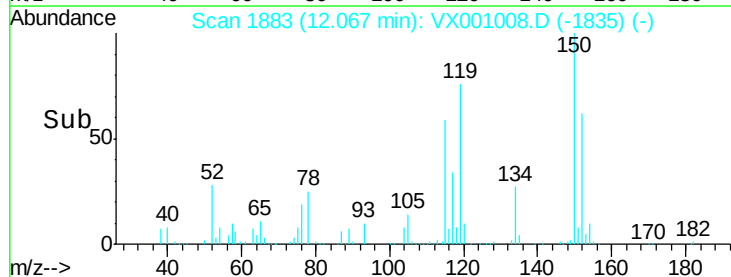
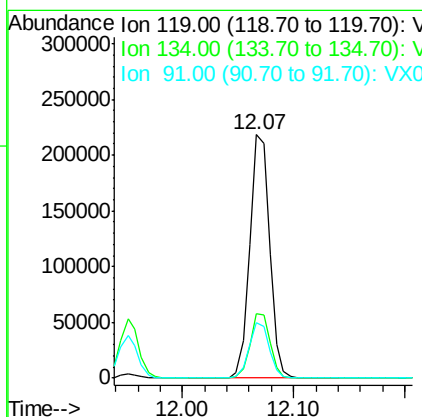
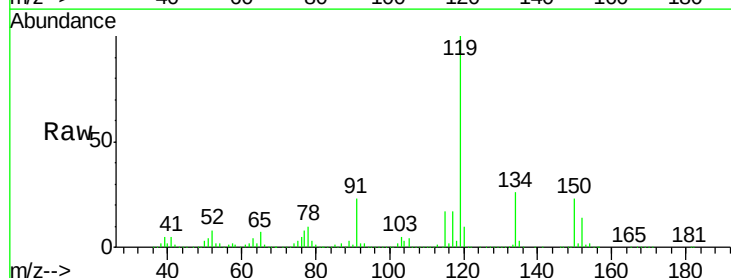
Manual Integrations
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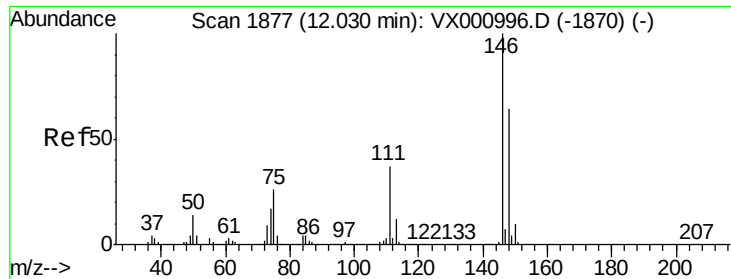
MMDadoda
 4/23/2018 1:27:39 PM



#86
 p-Isopropyltoluene
 Concen: 10.22 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion:119 Resp: 270234
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.5
 91 23.0 11.4 34.1





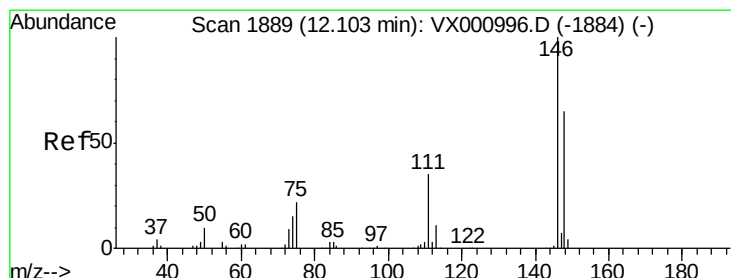
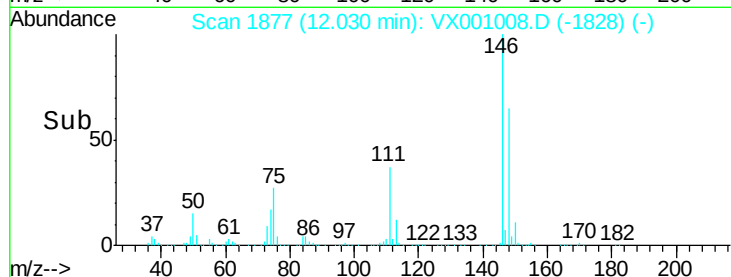
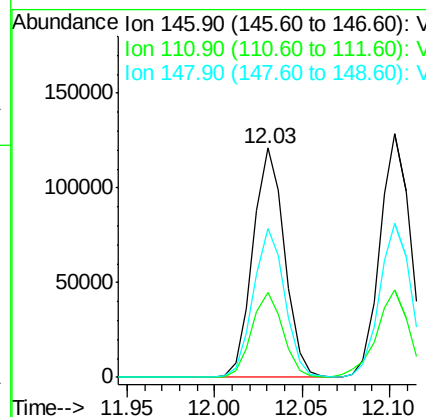
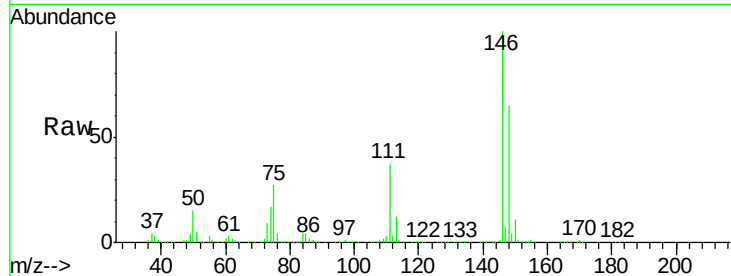
#87
 1,3-Dichlorobenzene
 Concen: 10.02 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.3	54.8
148	64.4	32.2	96.6

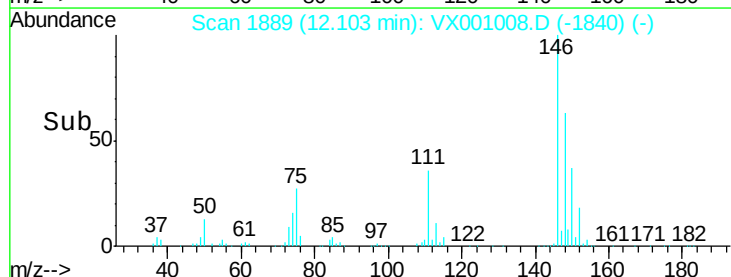
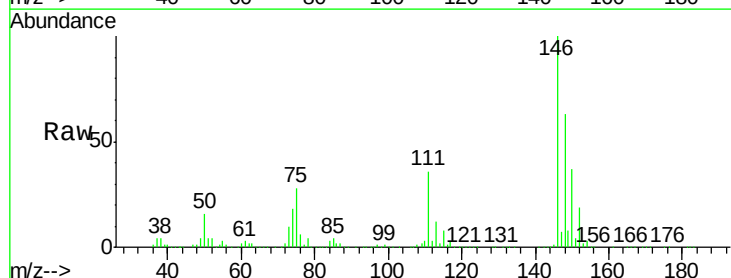
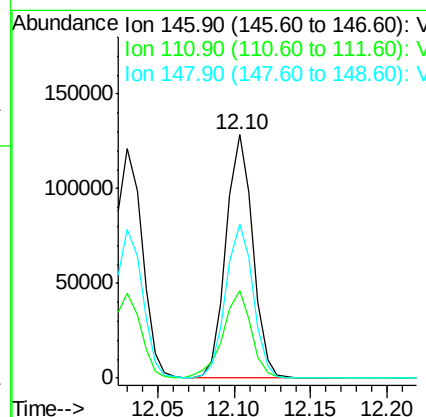
Manual Integrations
 APPROVED

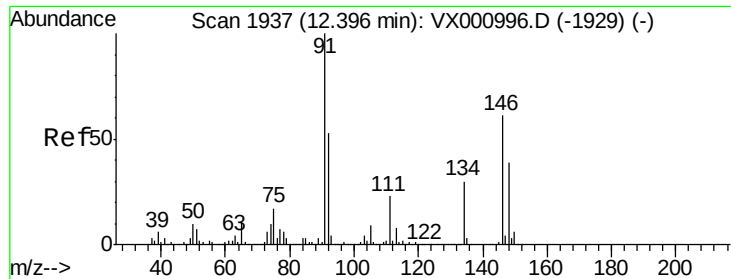
MMDadoda
 4/23/2018 1:27:39 PM



#88
 1,4-Dichlorobenzene
 Concen: 9.99 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.0	54.0
148	65.2	32.4	97.0





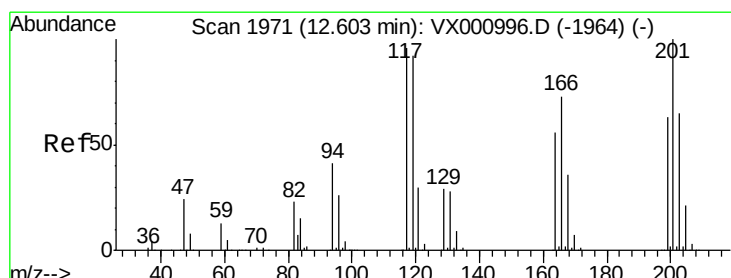
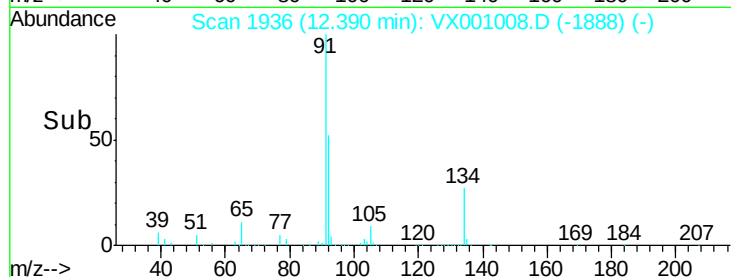
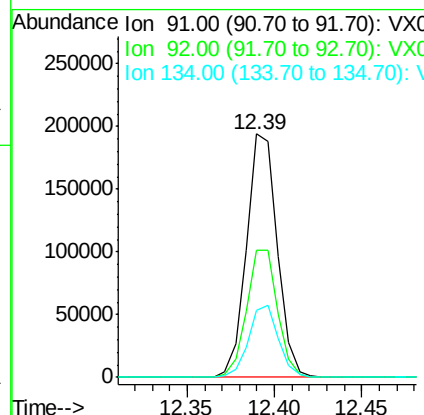
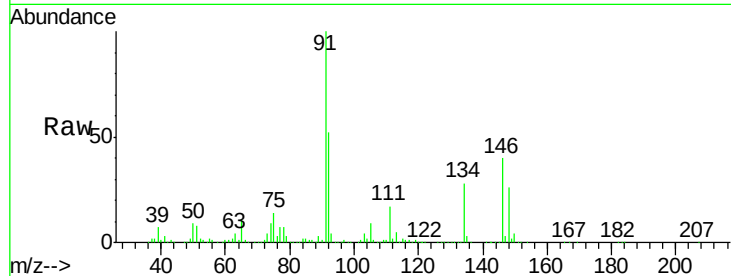
#89
n-Butylbenzene
Concen: 10.02 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion: 91 Resp: 235700
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 28.8 14.4 43.0

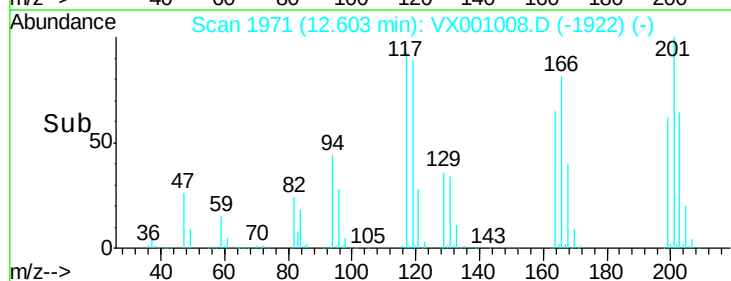
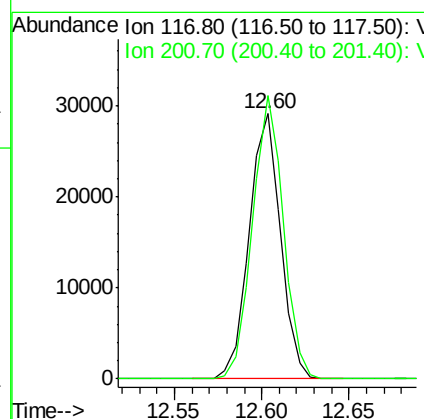
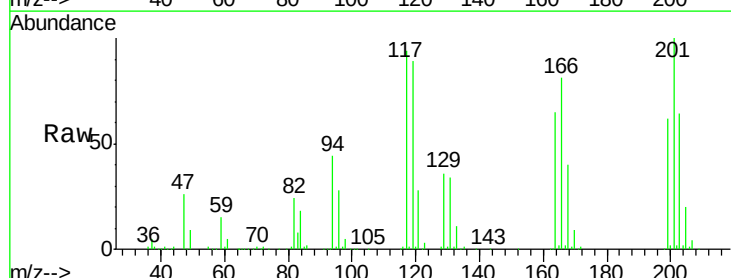
Manual Integrations
APPROVED

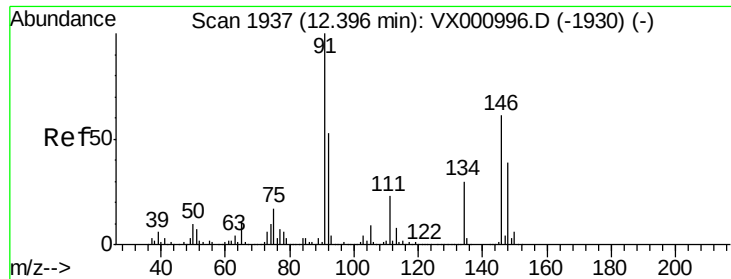
MMDadoda
4/23/2018 1:27:39 PM



#90
Hexachloroethane
Concen: 9.65 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion: 117 Resp: 36167
Ion Ratio Lower Upper
117 100
201 105.2 52.3 157.1





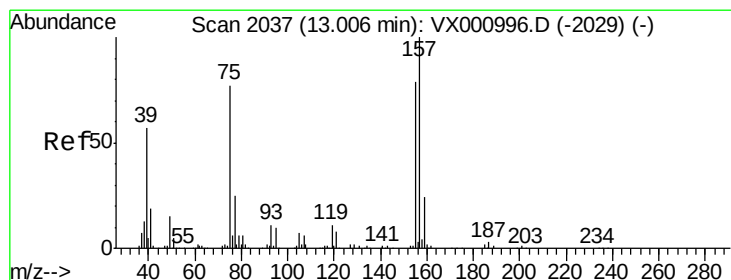
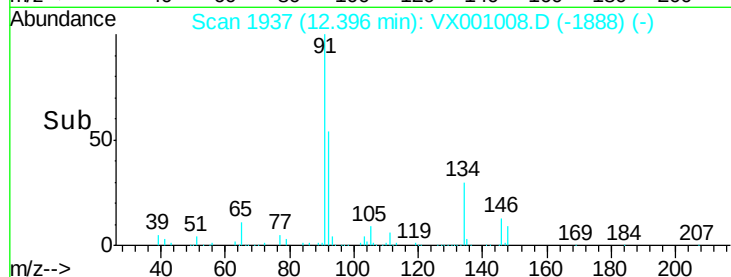
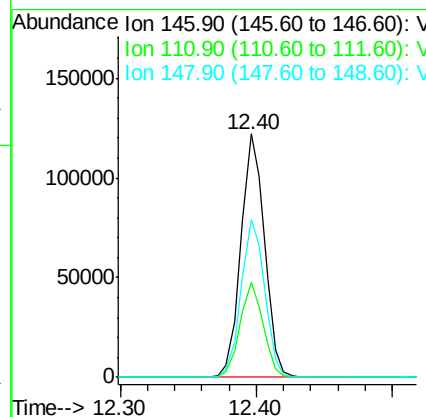
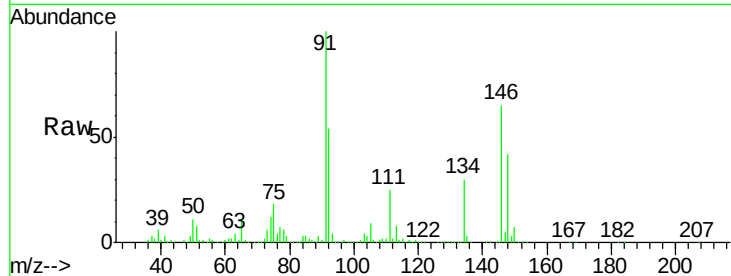
#91
 1,2-Dichlorobenzene
 Concen: 10.00 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	147355		
111	38.2	18.6	56.0	
148	64.7	32.3	96.8	

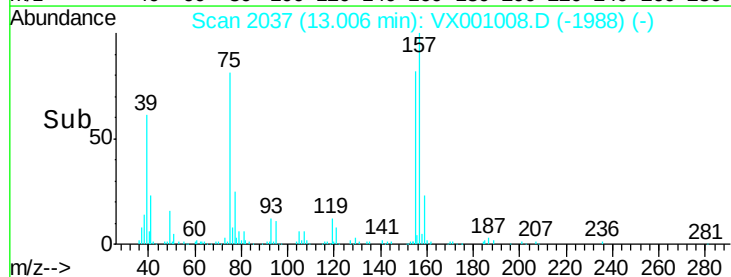
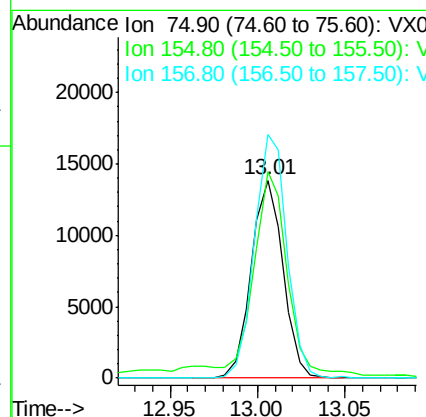
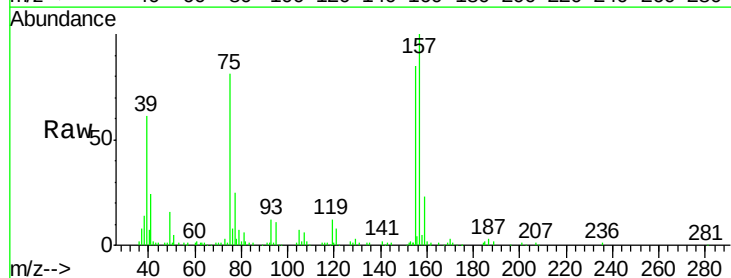
Manual Integrations
 APPROVED

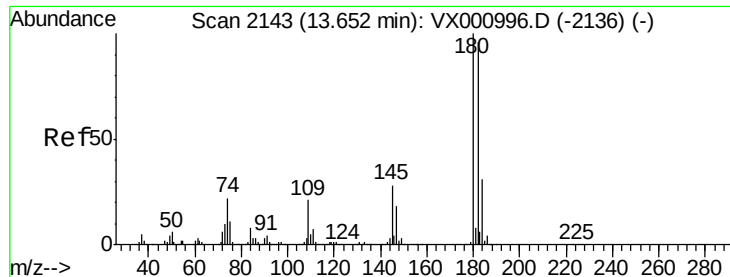
MMDadoda
 4/23/2018 1:27:39 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.50 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17428		
155	114.3	51.0	153.0	
157	126.3	64.9	194.7	





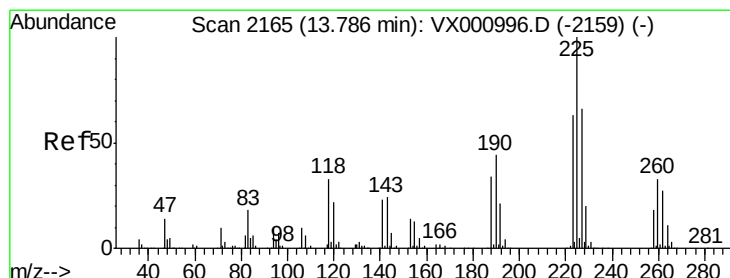
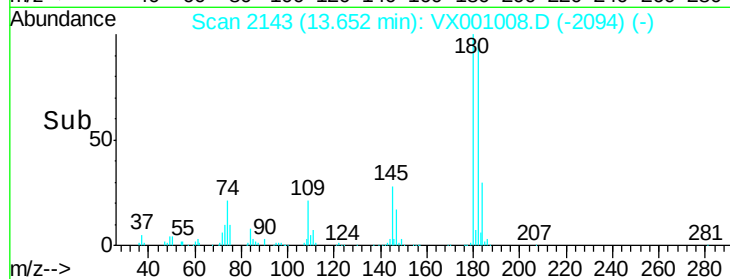
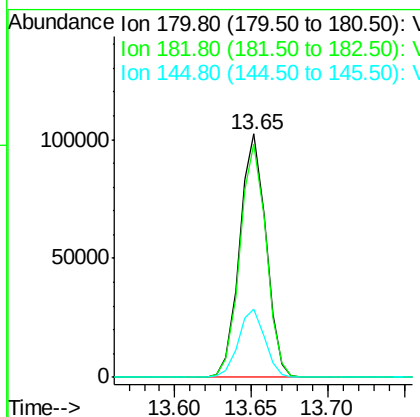
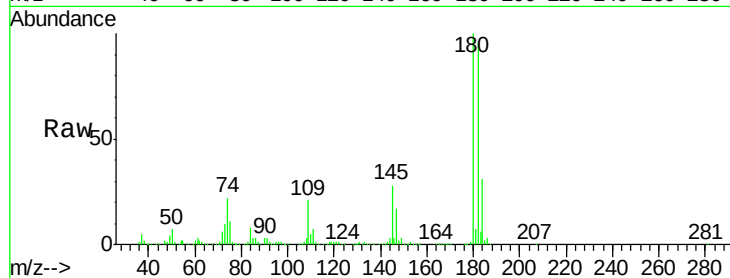
#93
 1,2,4-Trichlorobenzene
 Concen: 9.89 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	122259		
182	95.6	48.0	144.0	
145	27.9	13.9	41.7	

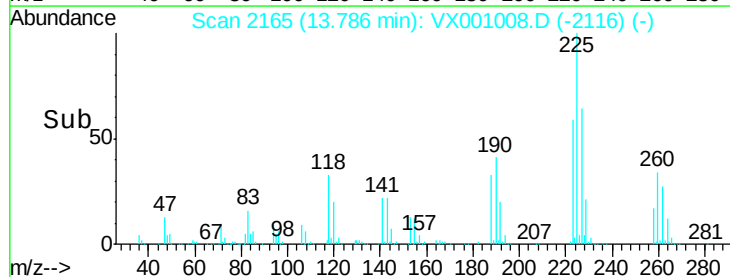
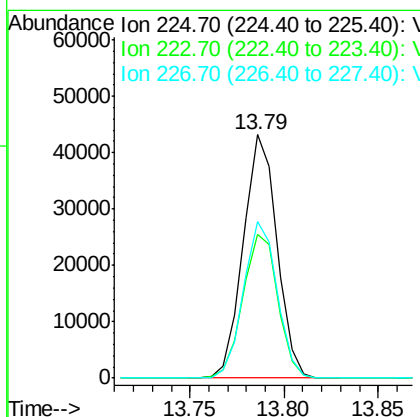
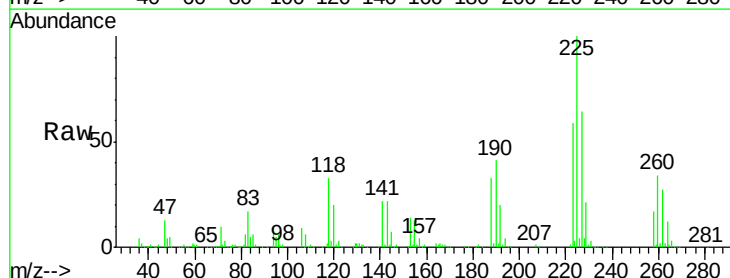
Manual Integrations
 APPROVED

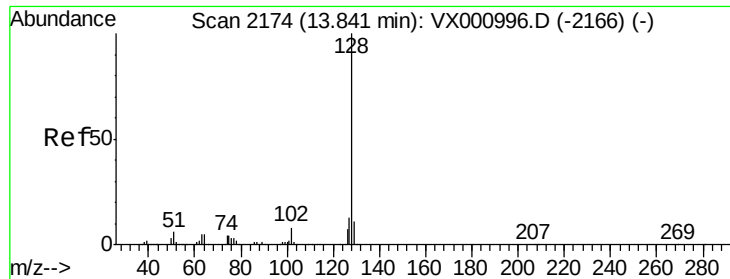
MMDadoda
 4/23/2018 1:27:39 PM



#94
 Hexachlorobutadiene
 Concen: 9.59 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001008.D
 Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53641		
223	61.2	31.5	94.5	
227	63.9	32.6	97.8	





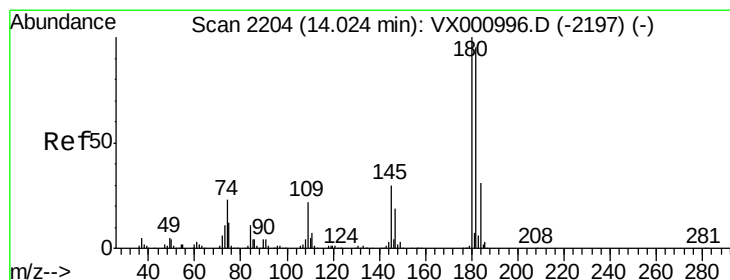
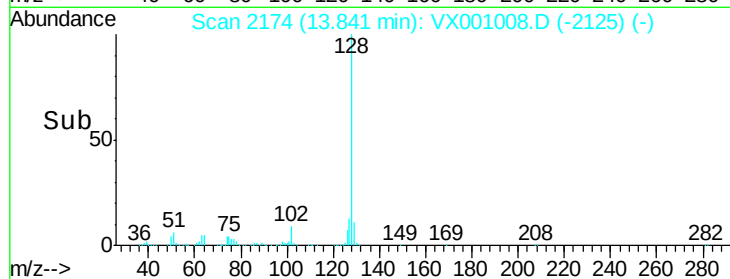
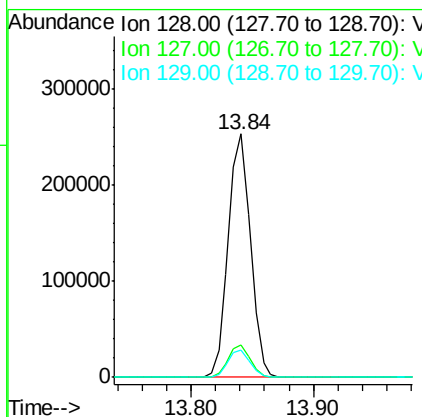
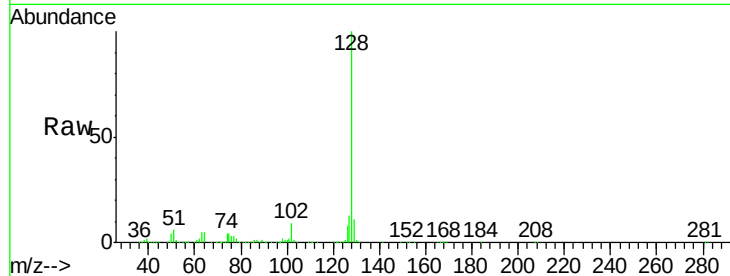
#95
Naphthalene
Concen: 10.43 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	317145		
127	13.2	10.2	15.4	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 9.92 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001008.D
Acq: 20 Apr 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	118593		
182	95.6	47.9	143.7	
145	29.0	14.5	43.6	

