

Data File : VX001012.D

Acq On : 20 Apr 2018 16:43

Operator : JC/MD

Sample : VX0420WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 14 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:41 PM

Quant Time: Apr 21 06:14:29 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	197420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	272232	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178472	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	125595	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	5.51	113	103177	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.72	98	371344	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	155544	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45925	18.76	ug/l	97
3) Chloromethane	1.32	50	41414	18.16	ug/l	99
4) Vinyl Chloride	1.41	62	42305	17.90	ug/l	100
5) Bromomethane	1.65	94	28933	18.98	ug/l	99
6) Chloroethane	1.73	64	24666	17.57	ug/l	99
7) Trichlorofluoromethane	1.93	101	63185	17.80	ug/l	100
8) Diethyl Ether	2.19	74	23113	17.63	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35760	17.19	ug/l	98
10) Methyl Iodide	2.52	142	25020	17.94	ug/l	98
11) Tert butyl alcohol	3.07	59	34531	91.49	ug/l	98
12) 1,1-Dichloroethene	2.38	96	33237	17.28	ug/l	97
13) Acrolein	2.30	56	14080	125.44	ug/l	99
14) Allyl chloride	2.73	41	59932	17.22	ug/l	98
15) Acrylonitrile	3.15	53	90662	88.76	ug/l	100
16) Acetone	2.45	43	91980	97.61	ug/l	98
17) Carbon Disulfide	2.57	76	89552	16.34	ug/l	100
18) Methyl Acetate	2.78	43	55686	19.53	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	114864	17.76	ug/l	99
20) Methylene Chloride	2.87	84	38228	18.28	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	36326	16.96	ug/l	95
22) Diisopropyl ether	3.88	45	117906	17.50	ug/l	98
23) Vinyl Acetate	3.83	43	486322	87.17	ug/l	99
24) 1,1-Dichloroethane	3.70	63	66761	17.66	ug/l	99
25) 2-Butanone	4.71	43	133329	90.63	ug/l	99
26) 2,2-Dichloropropane	4.59	77	55622	17.11	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	42044	17.63	ug/l	100
28) Bromochloromethane	5.03	49	30524	21.00	ug/l	100
29) Tetrahydrofuran	5.17	42	81813	88.01	ug/l	100
30) Chloroform	5.23	83	69572	17.77	ug/l	96
31) Cyclohexane	5.58	56	59858	16.97	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	60092	17.12	ug/l	97
36) 1,1-Dichloropropene	5.81	75	53648	16.77	ug/l	99
37) Ethyl Acetate	4.87	43	49700	16.94	ug/l	99
38) Carbon Tetrachloride	5.79	117	51596	15.93	ug/l	96

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Instrument :

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Manual Integrations

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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	62989	16.92	ug/l	98
40) Benzene	6.15	78	150725	16.95	ug/l	99
41) Methacrylonitrile	5.07	41	30913	16.87	ug/l	98
42) 1,2-Dichloroethane	6.21	62	58861	17.24	ug/l	99
43) Isopropyl Acetate	6.48	43	84576	16.80	ug/l	99
44) Trichloroethene	7.22	130	45837	16.87	ug/l	97
45) 1,2-Dichloropropane	7.52	63	38716	17.31	ug/l	99
46) Dibromomethane	7.67	93	26363	16.87	ug/l	99
47) Bromodichloromethane	7.91	83	47889	16.54	ug/l	98
48) Methyl methacrylate	7.79	41	46294	17.08	ug/l	97
49) 1,4-Dioxane	7.76	88	13841	347.21	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	265582	86.88	ug/l	98
52) Toluene	8.79	92	99510	17.14	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	58221	16.82	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	54503	16.70	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	39020	16.91	ug/l	99
56) Ethyl methacrylate	9.19	69	57586	16.99	ug/l	99
57) 1,3-Dichloropropane	9.38	76	64962	17.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	146419	88.53	ug/l	100
59) 2-Hexanone	9.51	43	202916	86.72	ug/l	99
60) Dibromochloromethane	9.59	129	39761	16.41	ug/l	97
61) 1,2-Dibromoethane	9.68	107	41815	17.17	ug/l	100
64) Tetrachloroethene	9.34	164	47181	17.11	ug/l	98
65) Chlorobenzene	10.15	112	115401	16.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	39657	16.71	ug/l	100
67) Ethyl Benzene	10.26	91	192698	16.78	ug/l	99
68) m/p-Xylenes	10.37	106	151722	33.52	ug/l	98
69) o-Xylene	10.71	106	72152	16.53	ug/l	98
70) Styrene	10.72	104	120878	16.82	ug/l	99
71) Bromoform	10.87	173	30530	15.79	ug/l #	99
73) Isopropylbenzene	11.02	105	199611	17.11	ug/l	99
74) N-amyl acetate	6.48	43	84576	16.95	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	56414	17.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	52913m	17.09	ug/l	
77) Bromobenzene	11.26	156	58138	17.17	ug/l	99
78) n-propylbenzene	11.37	91	231434	17.28	ug/l	99
79) 2-Chlorotoluene	11.43	91	134281	16.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	169722	17.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	13024	15.31	ug/l	89
82) 4-Chlorotoluene	11.52	91	165054	17.26	ug/l	98
83) tert-Butylbenzene	11.77	119	175311	17.57	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	178194	17.51	ug/l	98
85) sec-Butylbenzene	11.95	105	213422	17.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	194848	17.69	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	106681	16.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	110629	17.00	ug/l	99
89) n-Butylbenzene	12.40	91	175341	17.89	ug/l	100
90) Hexachloroethane	12.60	117	26282	16.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	104374	17.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	11661	16.85	ug/l	96

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

Data File : VX001012.D
Acq On : 20 Apr 2018 16:43
Operator : JC/MD
Sample : VX0420WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:41 PM

Quant Time: Apr 21 06:14:29 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	89615	17.39	ug/l	100
94) Hexachlorobutadiene	13.79	225	38978	16.72	ug/l	99
95) Naphthalene	13.84	128	221286	17.46	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	88662	17.79	ug/l	100

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

Data File : VX001012.D

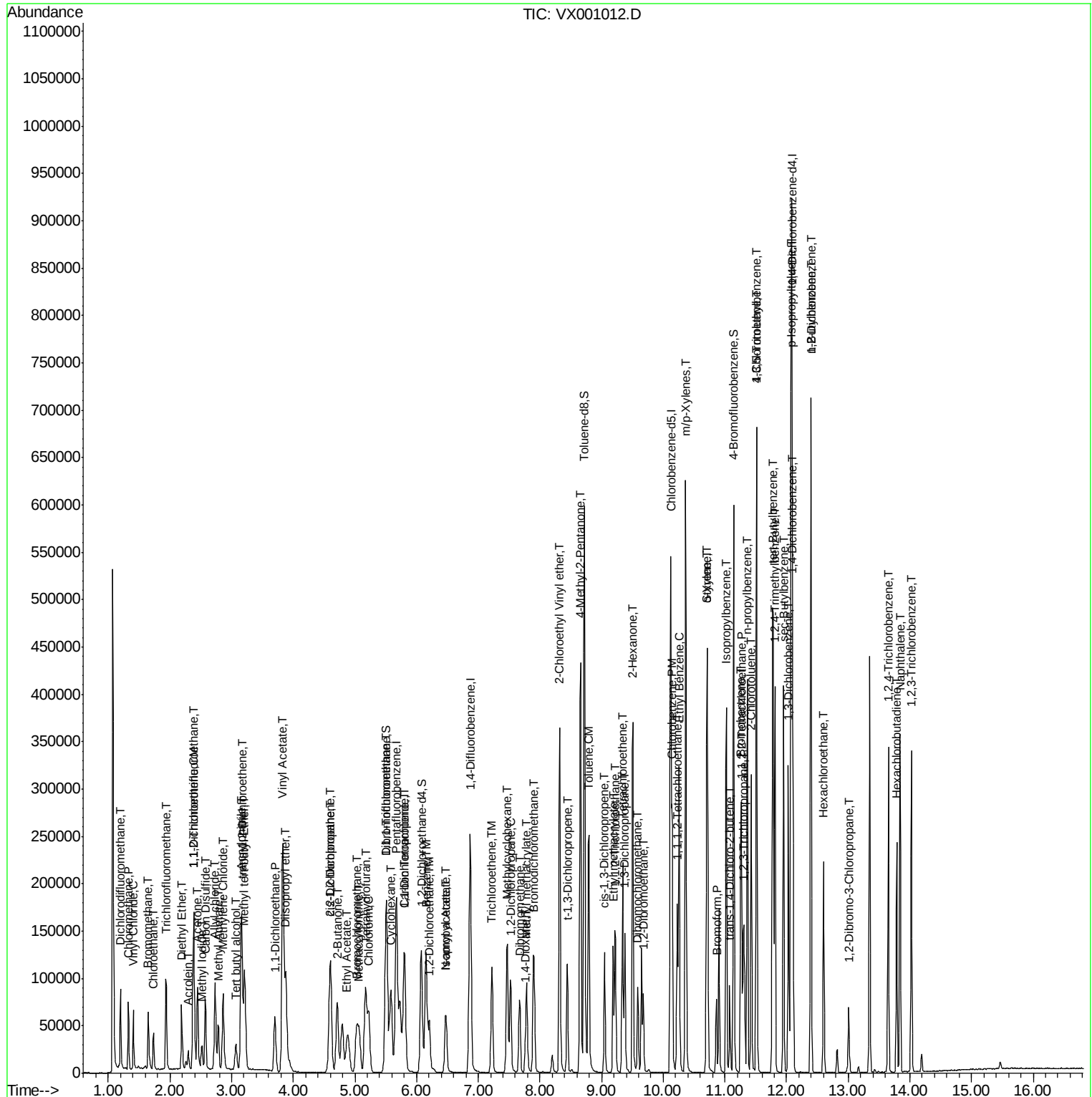
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Acq On       : 20 Apr 2018   16:43
Operator    : JC/MD
Sample      : VX0420WBSD01
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial    : 14   Sample Multiplier: 1
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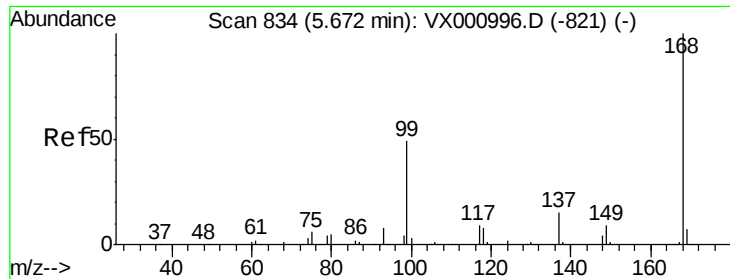
Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Manual Integrations

MMDadoda
4/23/2018 1:27:41 PM

Quant Time: Apr 21 06:14:29 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion:168 Resp: 197420

Ion Ratio Lower Upper

168 100

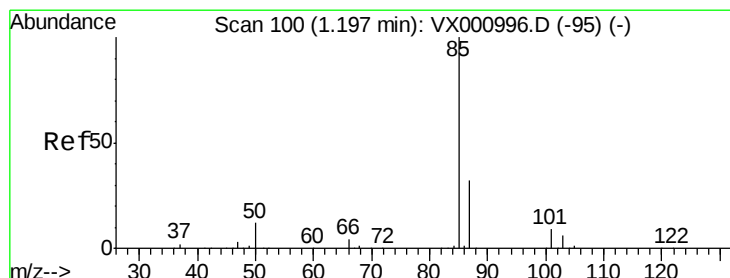
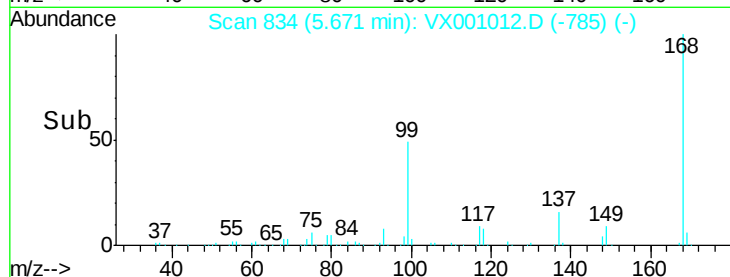
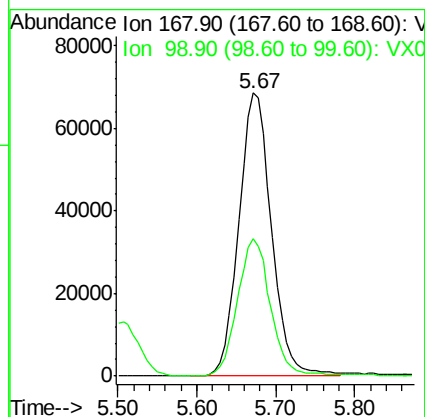
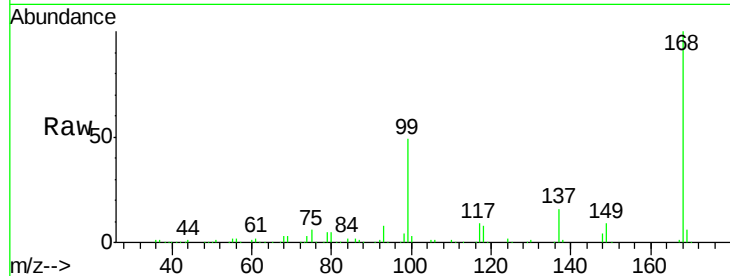
99 48.4 39.2 58.8

Manual Integrations

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4/23/2018 1:27:41 PM



#2

Dichlorodifluoromethane

Concen: 18.76 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001012.D

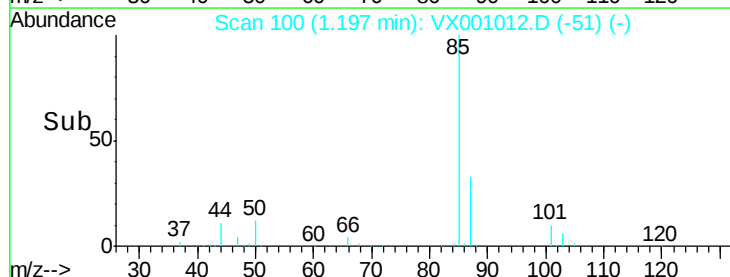
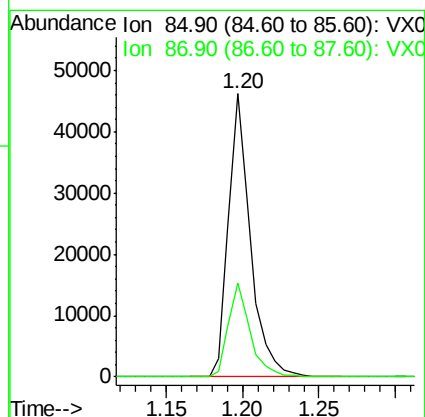
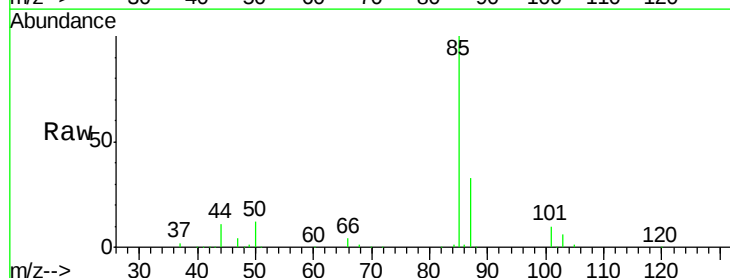
Acq: 20 Apr 2018 16:43

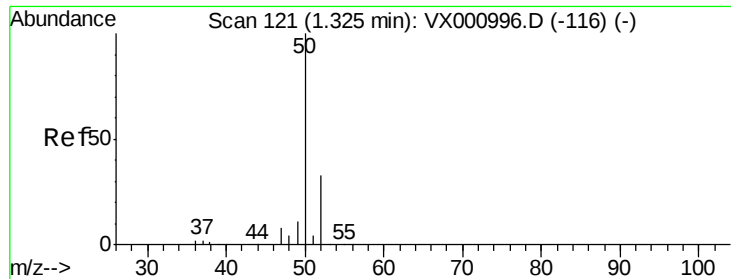
Tgt Ion: 85 Resp: 45925

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4





#3

Chloromethane

Concen: 18.16 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 50 Resp: 41414

Ion Ratio Lower Upper

50 100

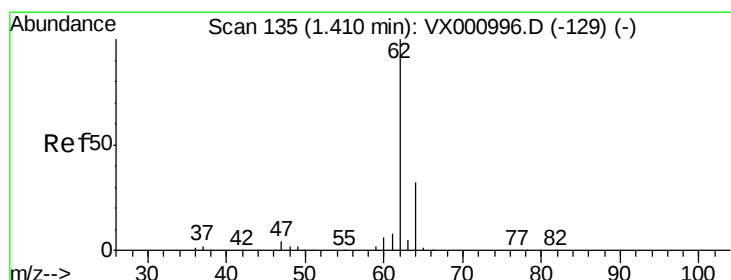
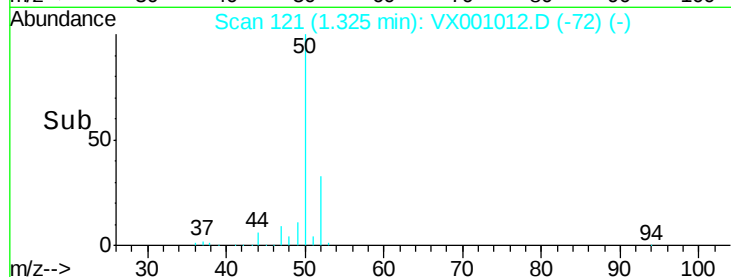
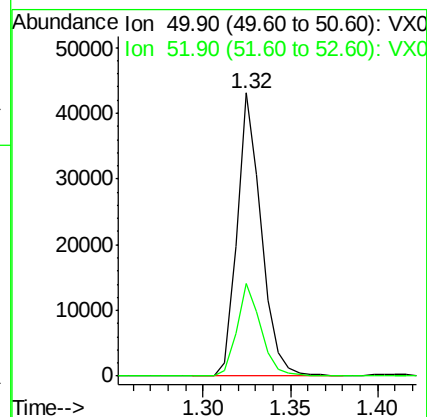
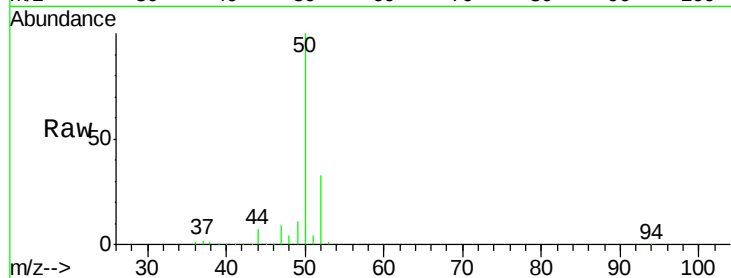
52 32.6 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.90 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX001012.D

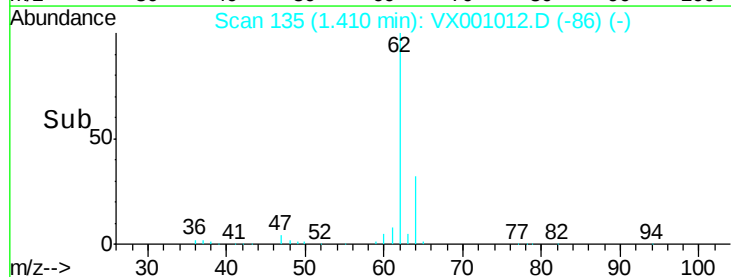
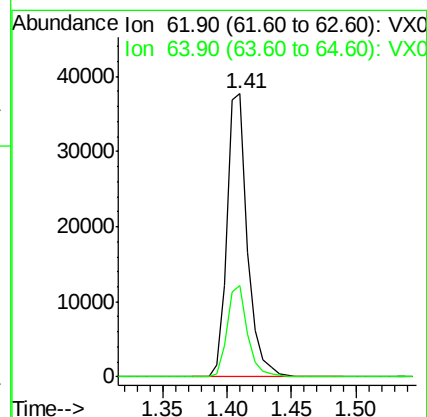
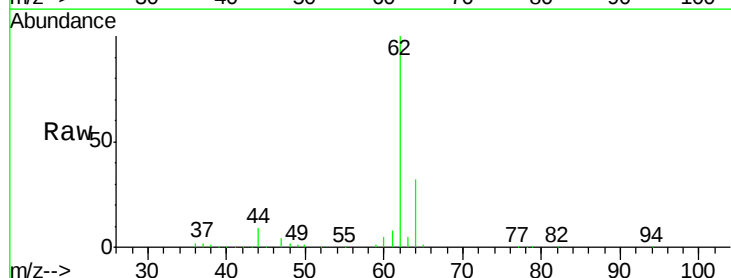
Acq: 20 Apr 2018 16:43

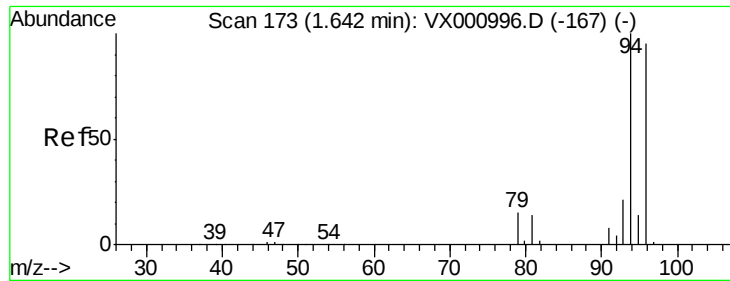
Tgt Ion: 62 Resp: 42305

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 18.98 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 94 Resp: 28933

Ion Ratio Lower Upper

94 100

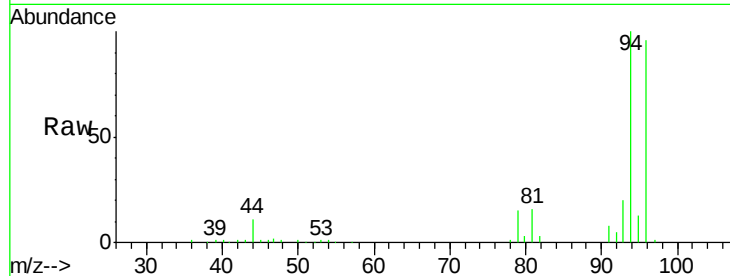
96 95.8 76.0 114.0

Manual Integrations

APPROVED

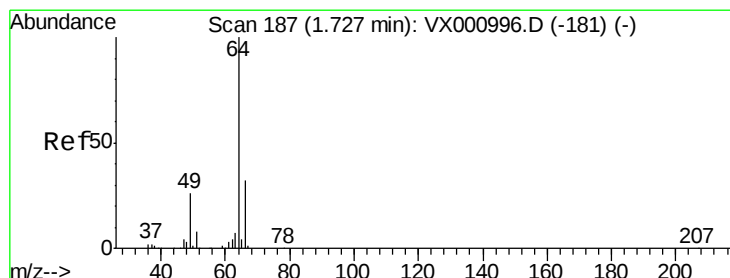
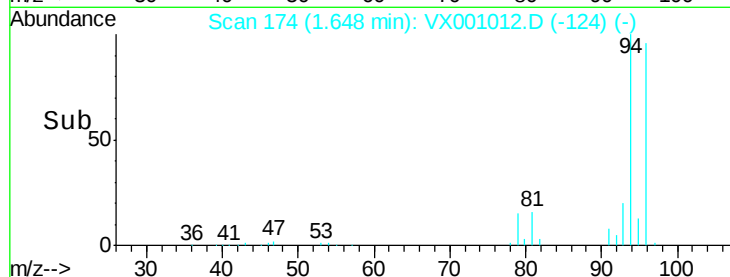
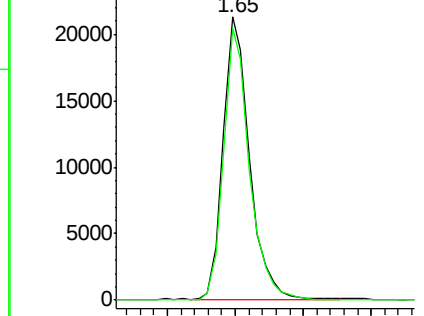
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4/23/2018 1:27:41 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.57 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001012.D

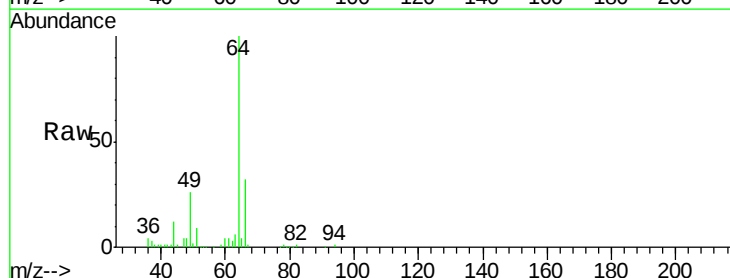
Acq: 20 Apr 2018 16:43

Tgt Ion: 64 Resp: 24666

Ion Ratio Lower Upper

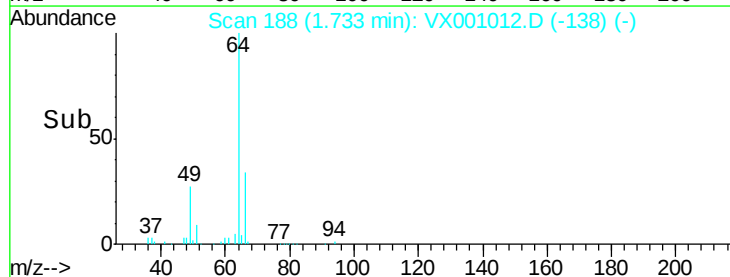
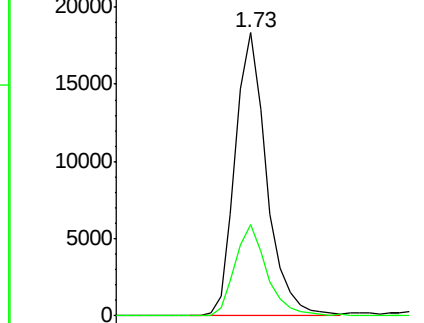
64 100

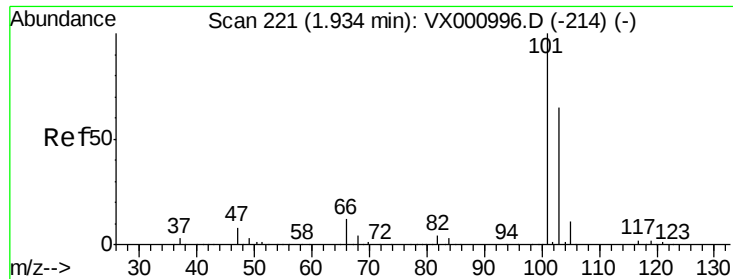
66 32.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

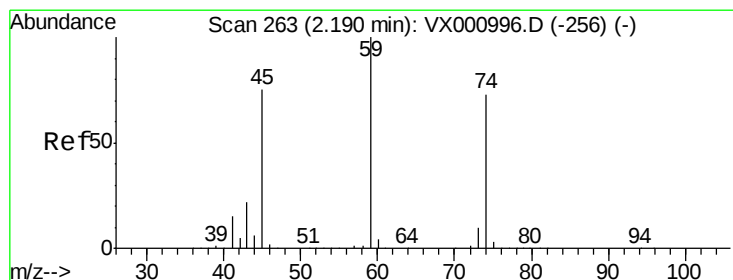
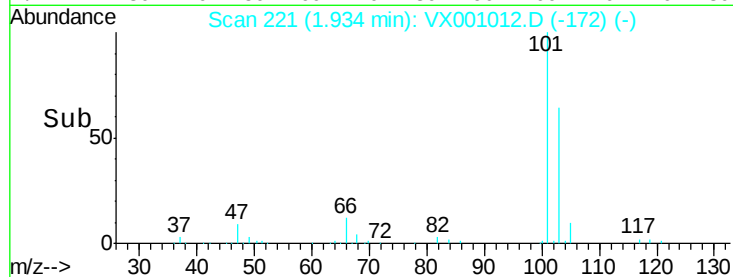
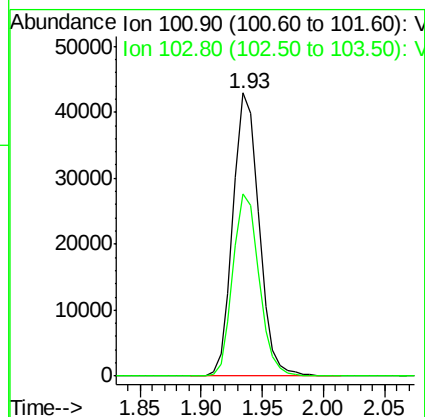
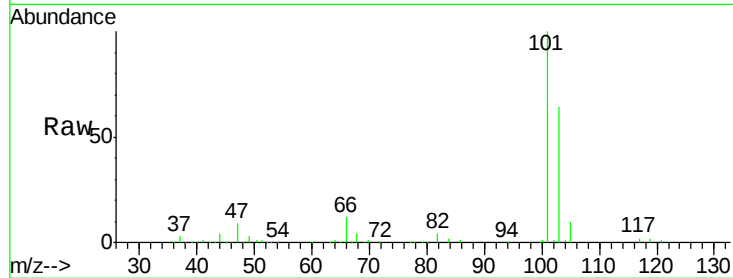
Trichlorofluoromethane
 Concen: 17.80 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion: 101 Resp: 63185
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.8 77.8

Manual Integrations
 APPROVED

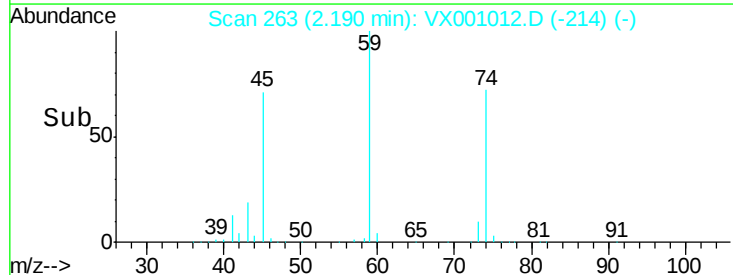
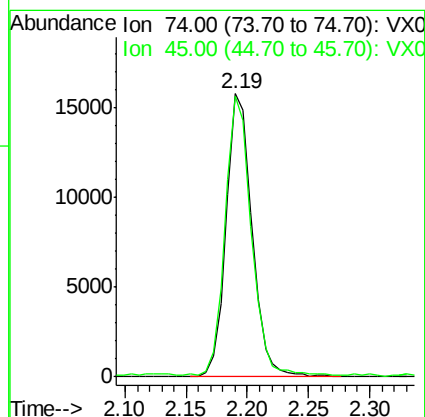
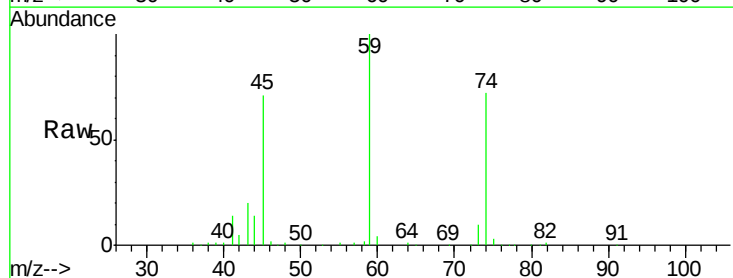
MMDadoda
 4/23/2018 1:27:41 PM

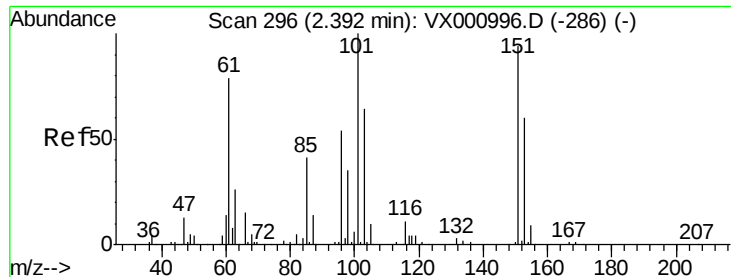


#8

Diethyl Ether
 Concen: 17.63 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion: 74 Resp: 23113
 Ion Ratio Lower Upper
 74 100
 45 99.1 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.19 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

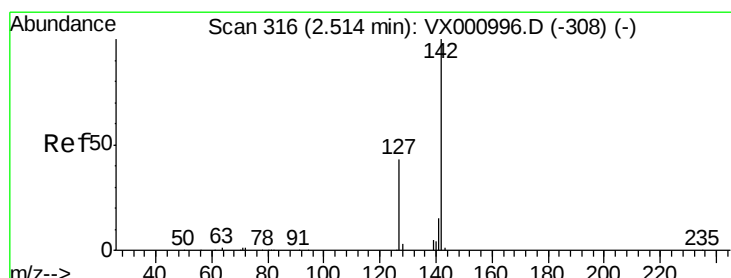
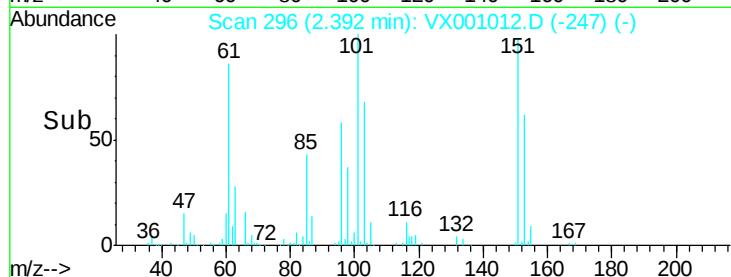
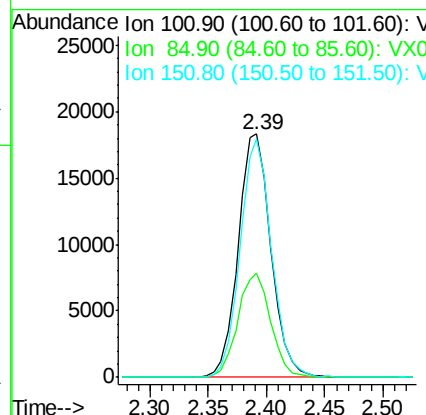
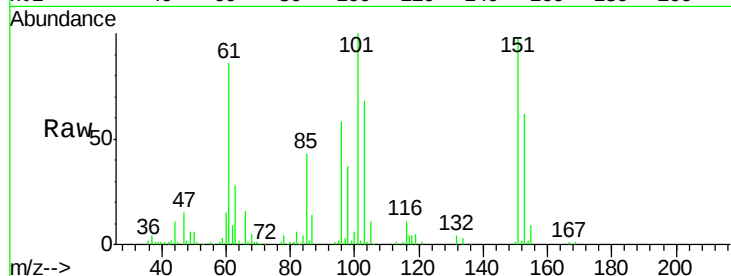
ClientSampleId :

VX0420WBSD01

Tgt Ion:	101	Resp:	35760
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.9	50.9
151	94.5	73.5	110.3

Manual Integrations
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#10

Methyl Iodide

Concen: 17.94 ug/l

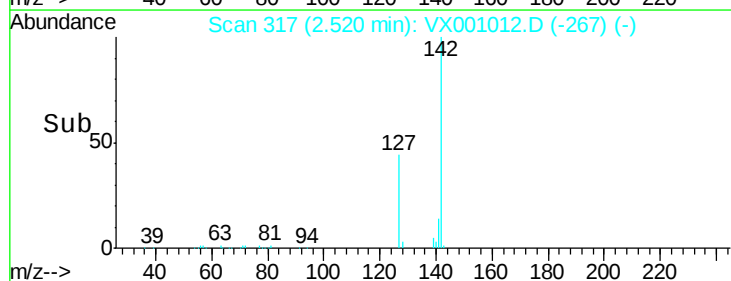
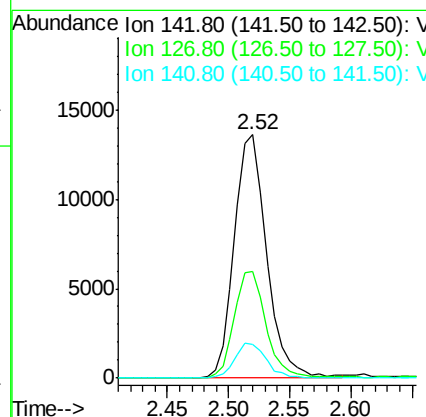
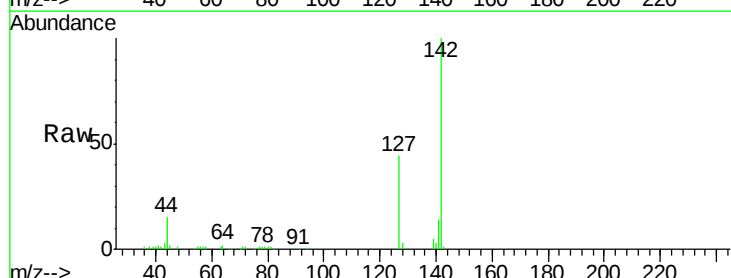
RT: 2.52 min Scan# 317

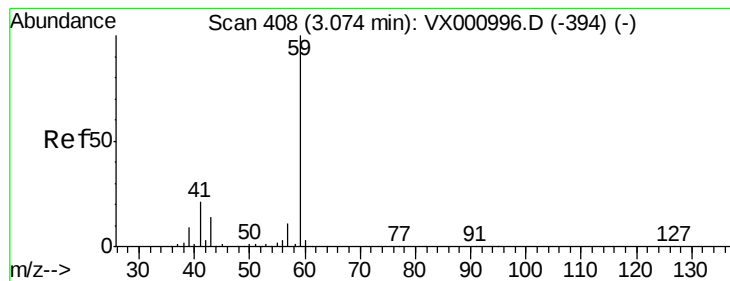
Delta R.T. 0.01 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Tgt Ion:	142	Resp:	25020
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.0	51.0
141	13.7	11.4	17.2





#11

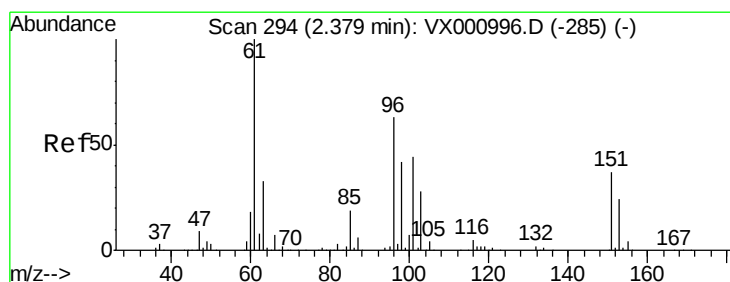
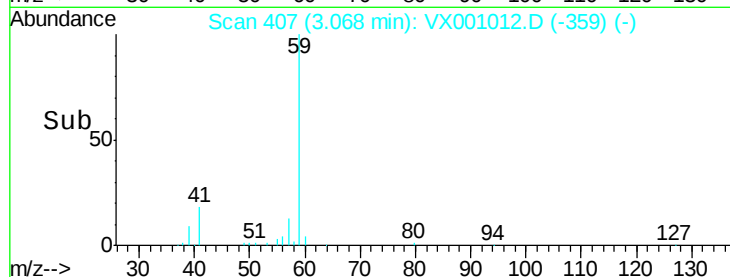
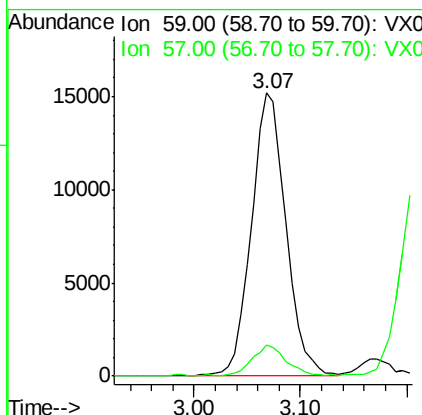
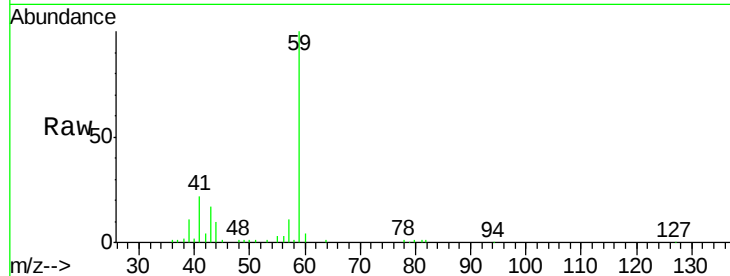
Tert butyl alcohol
 Concen: 91.49 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.3	12.5

Manual Integrations
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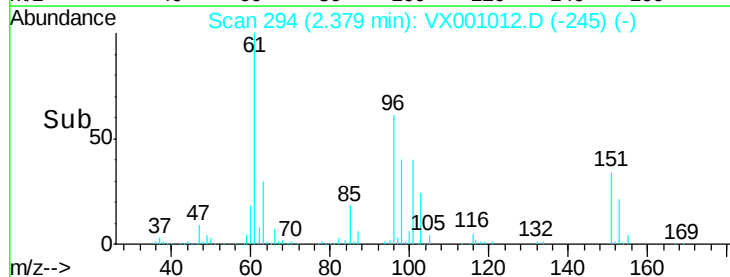
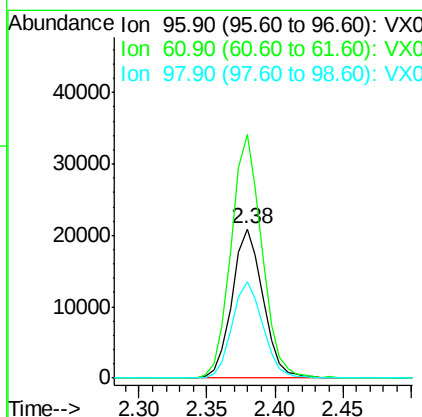
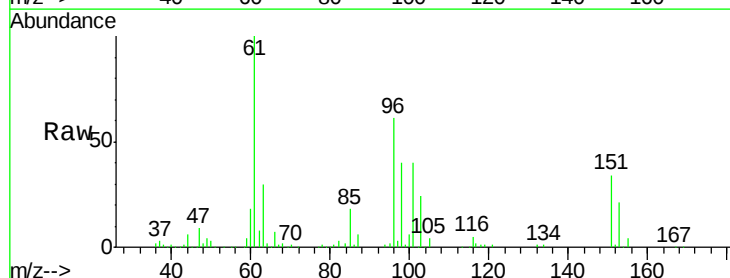
MMDadoda
 4/23/2018 1:27:41 PM

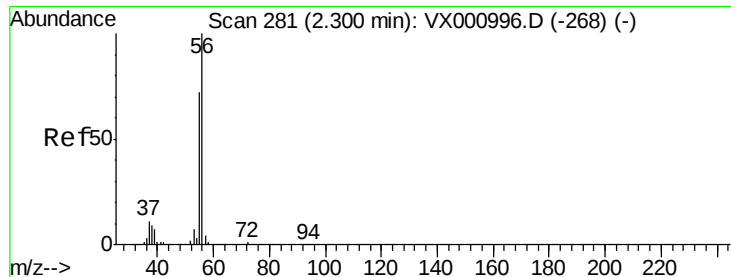


#12

1,1-Dichloroethene
 Concen: 17.28 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.1	126.4	189.6
98	64.5	52.6	78.8





#13

Acrolein

Concen: 125.44 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 56 Resp: 14080

Ion Ratio Lower Upper

56 100

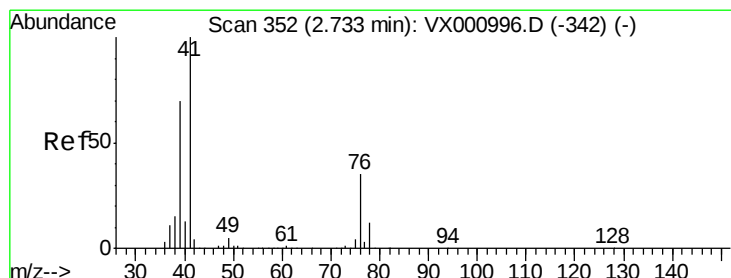
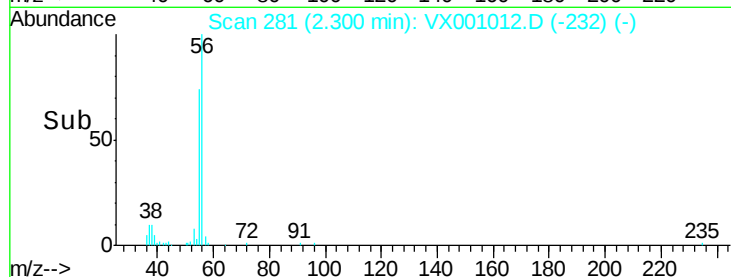
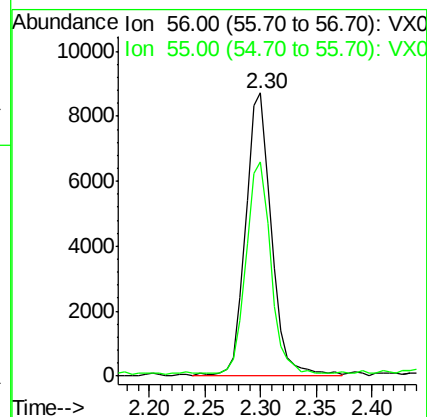
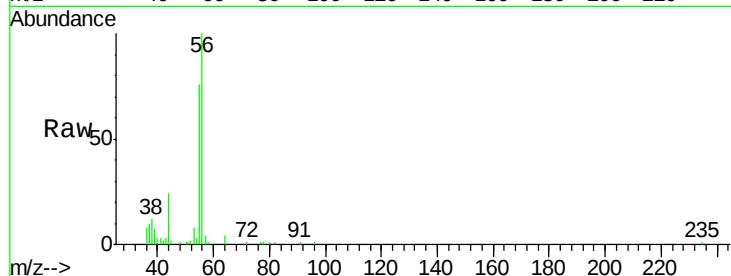
55 71.2 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 17.22 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

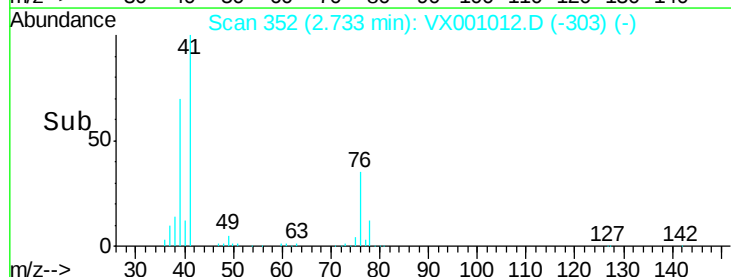
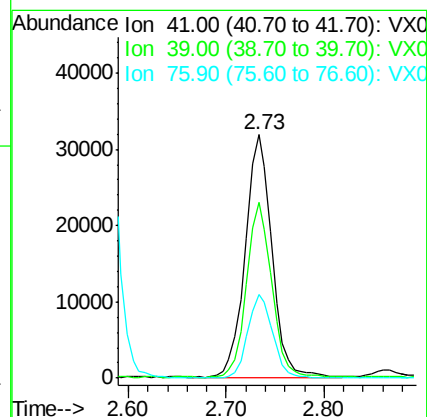
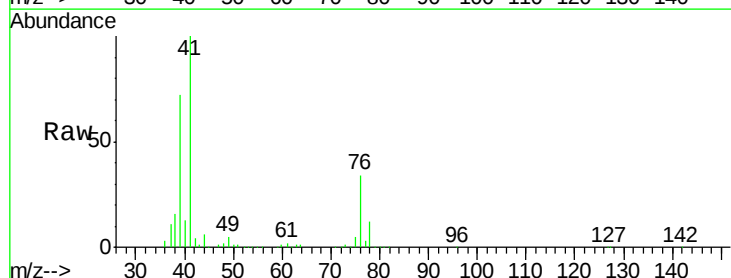
Tgt Ion: 41 Resp: 59932

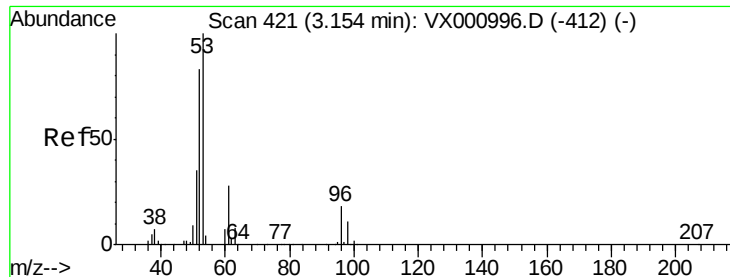
Ion Ratio Lower Upper

41 100

39 68.1 53.0 79.6

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 88.76 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

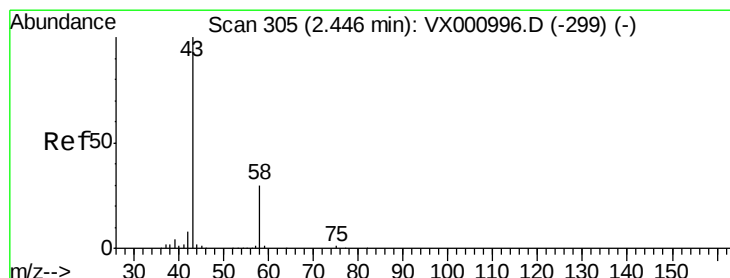
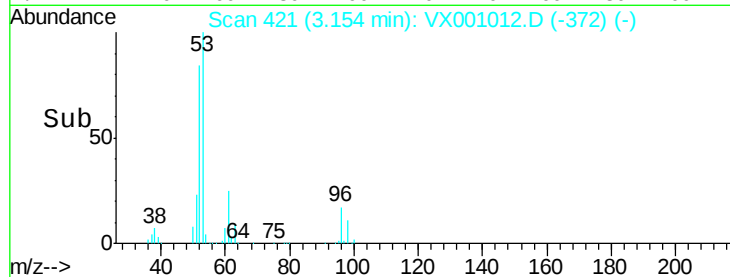
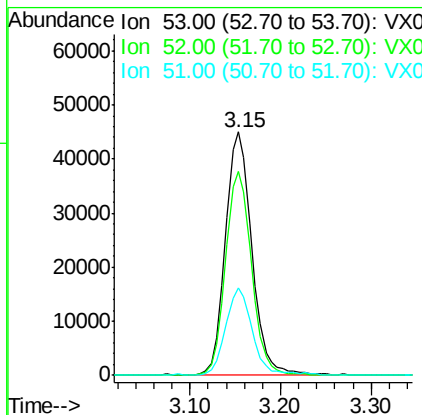
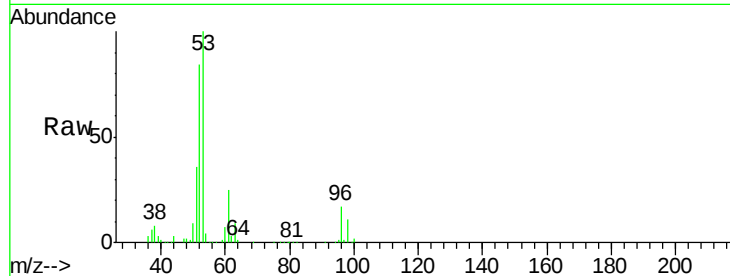
ClientSampleId :

VX0420WBSD01

Tgt Ion:	53	Resp:	90662
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.5	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 97.61 ug/l

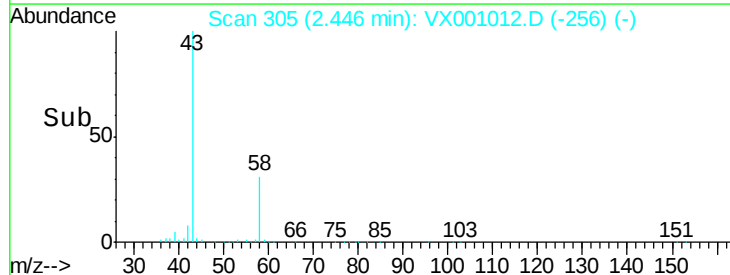
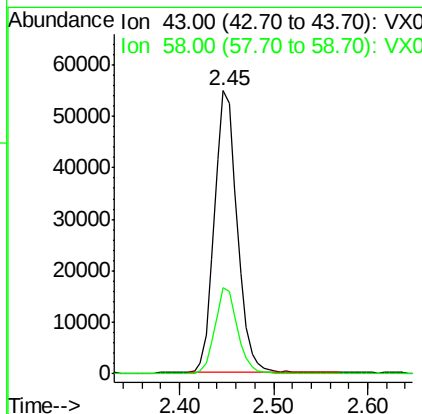
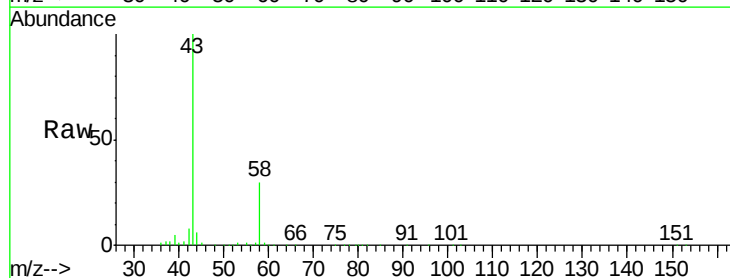
RT: 2.45 min Scan# 305

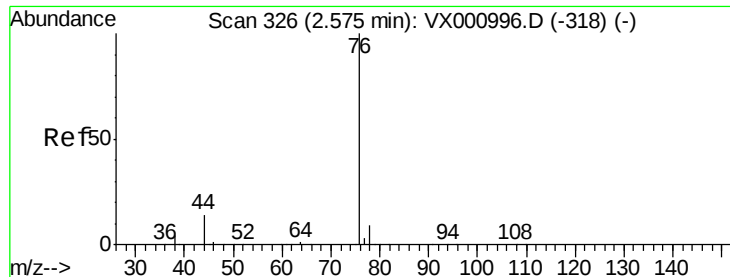
Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Tgt Ion:	43	Resp:	91980
Ion Ratio		Lower	Upper
43	100		
58	30.6	23.7	35.5





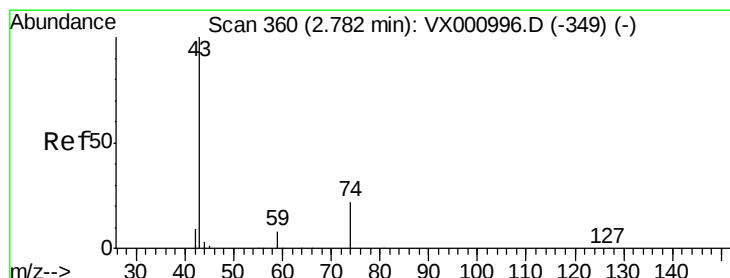
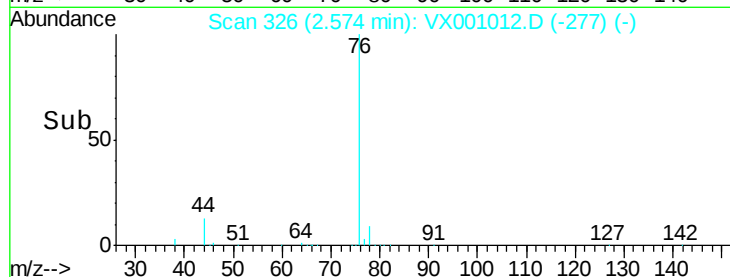
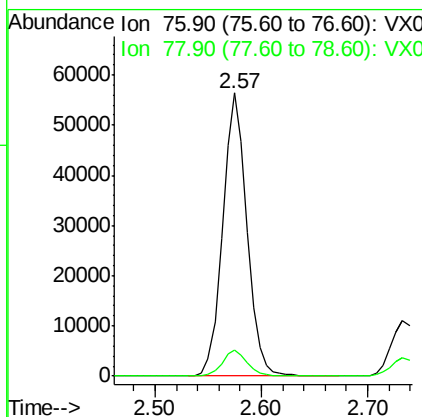
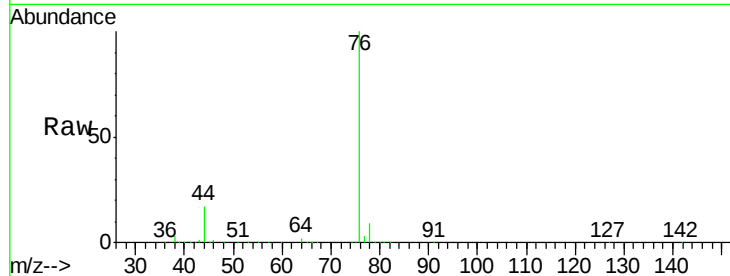
#17
Carbon Disulfide
Concen: 16.34 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion: 76 Resp: 89552
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

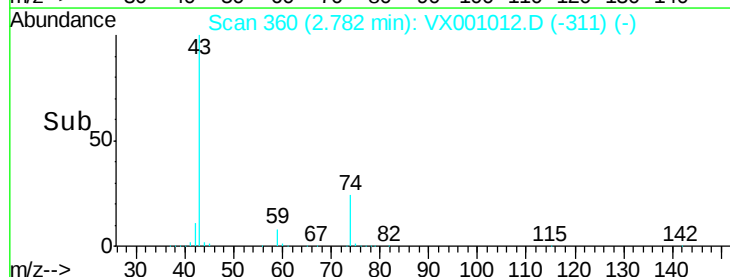
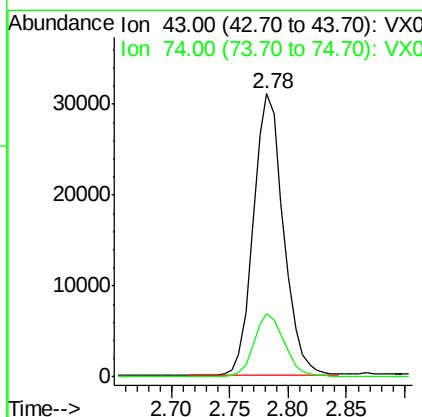
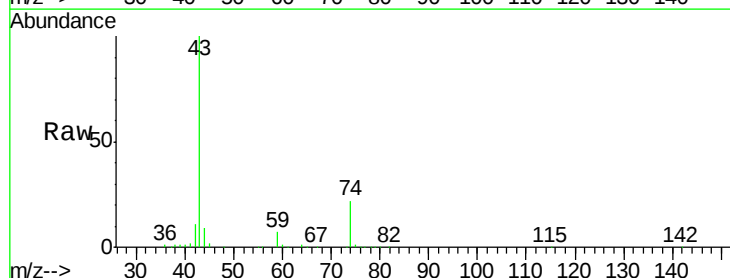
Manual Integrations
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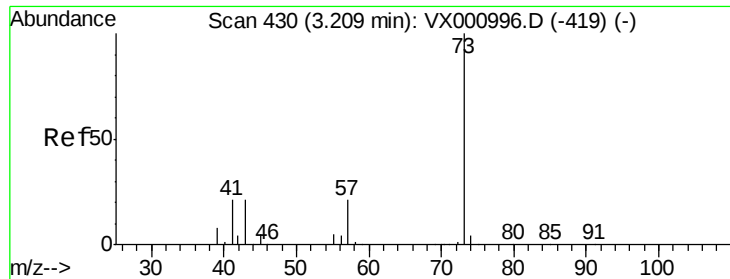
MMDadoda
4/23/2018 1:27:41 PM



#18
Methyl Acetate
Concen: 19.53 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Tgt Ion: 43 Resp: 55686
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5





#19

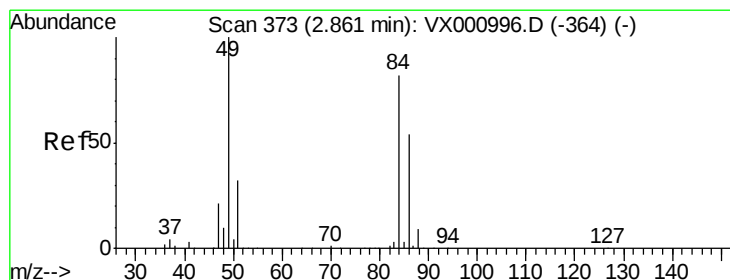
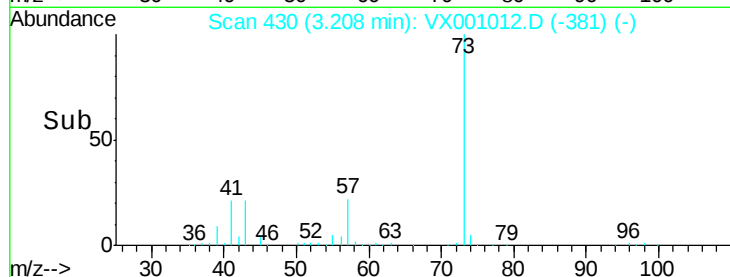
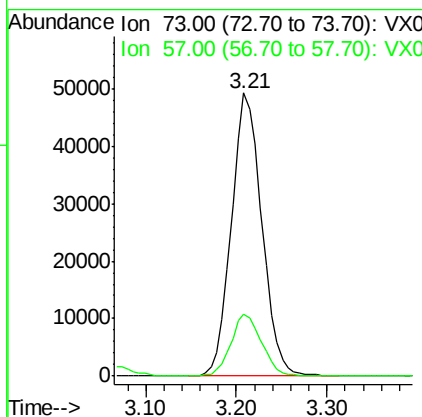
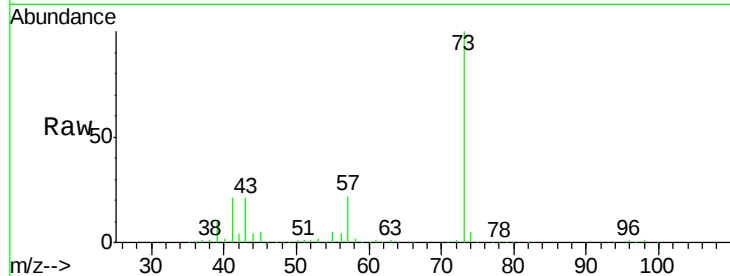
Methyl tert-butyl Ether
 Concen: 17.76 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion: 73 Resp: 114864
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.1 25.7

Manual Integrations
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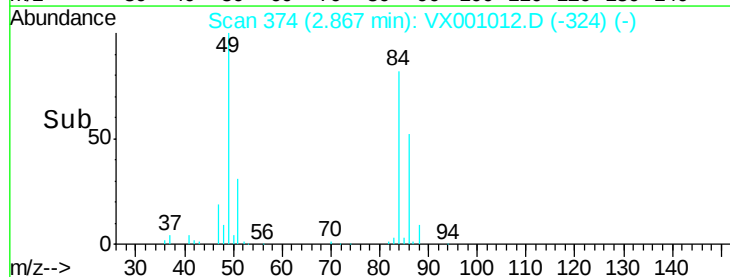
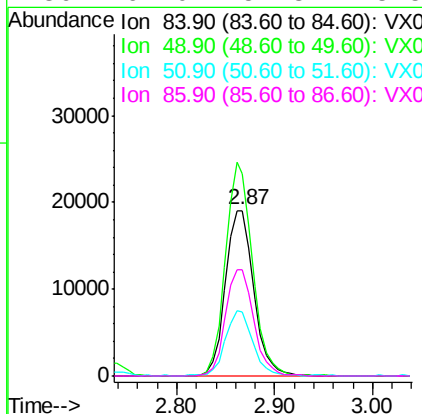
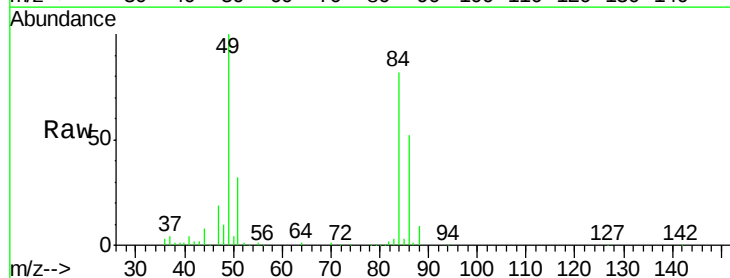
MMDadoda
 4/23/2018 1:27:41 PM

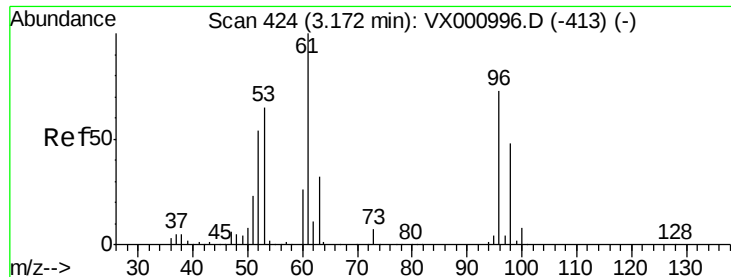


#20

Methylene Chloride
 Concen: 18.28 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion: 84 Resp: 38228
 Ion Ratio Lower Upper
 84 100
 49 122.2 97.1 145.7
 51 38.2 30.8 46.2
 86 64.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 16.96 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 96 Resp: 36326

Ion Ratio Lower Upper

96 100

61 142.5 109.4 164.2

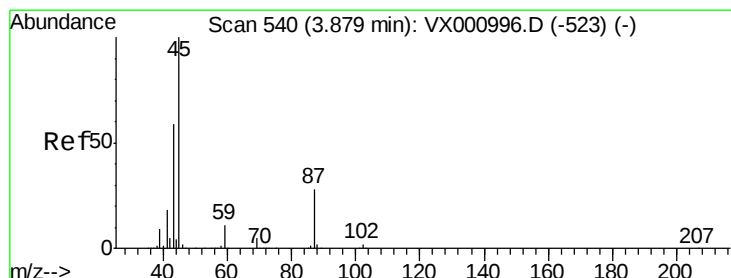
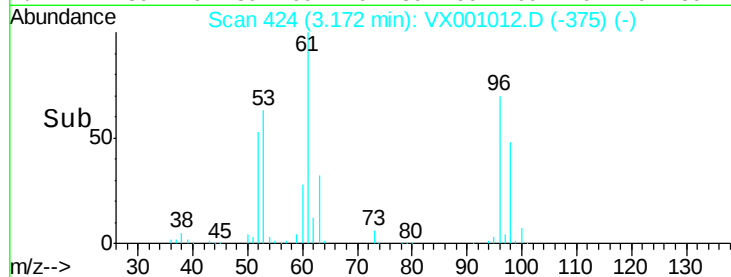
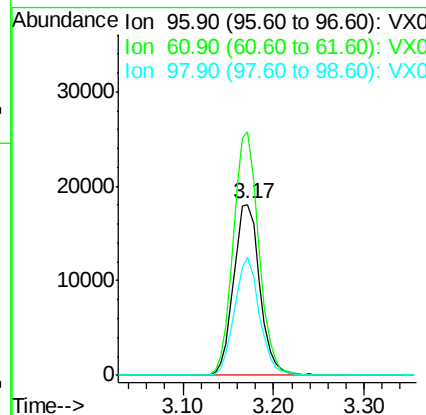
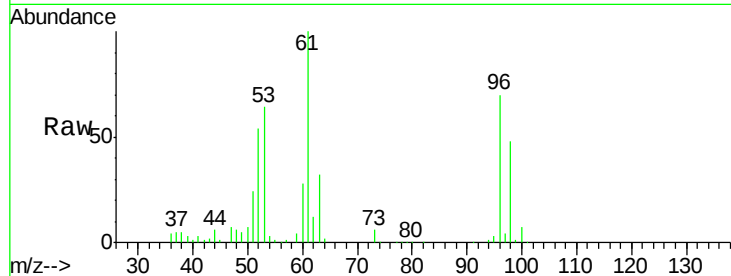
98 68.9 52.6 78.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 17.50 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Tgt Ion: 45 Resp: 117906

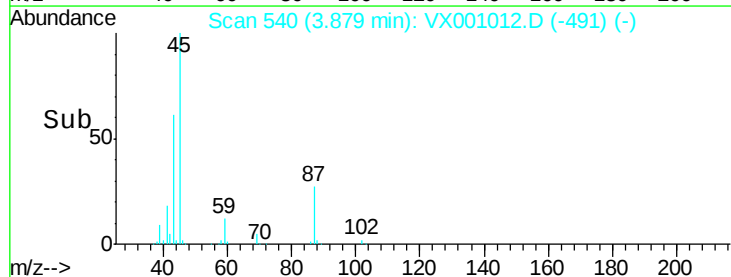
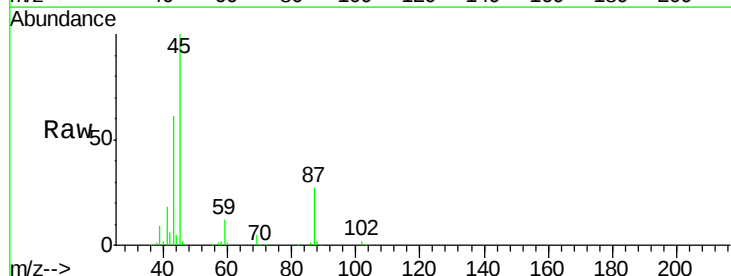
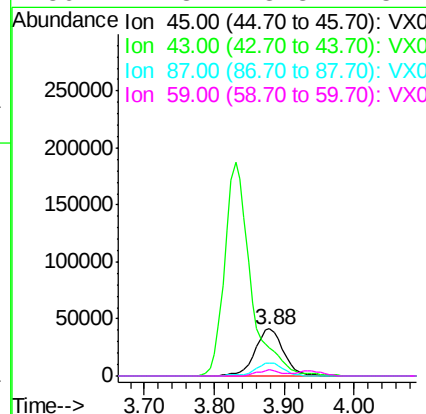
Ion Ratio Lower Upper

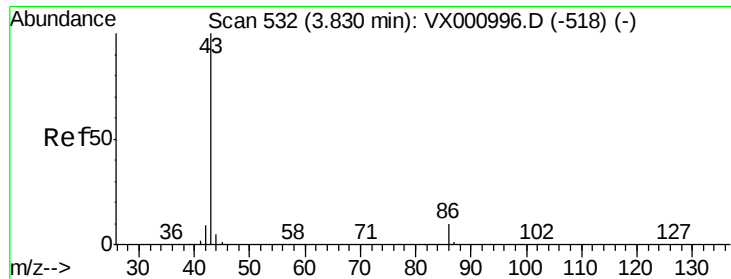
45 100

43 60.5 47.0 70.4

87 27.4 22.5 33.7

59 12.3 8.8 13.2





#23

Vinyl Acetate

Concen: 87.17 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 43 Resp: 486322

Ion Ratio Lower Upper

43 100

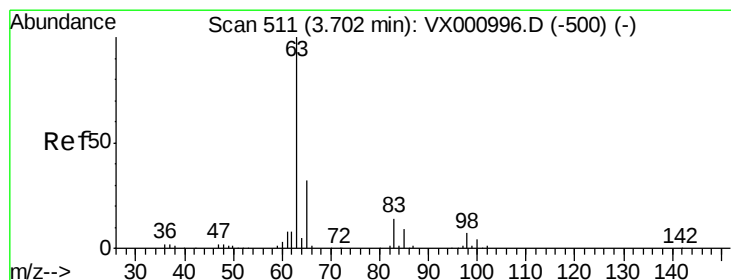
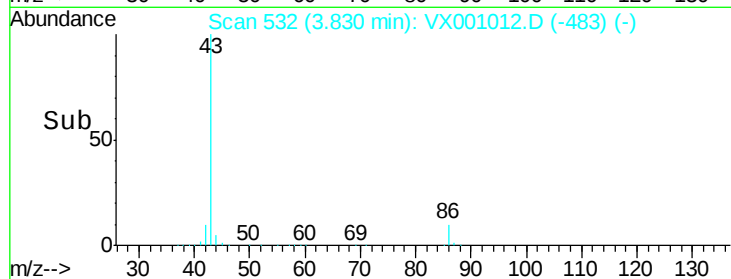
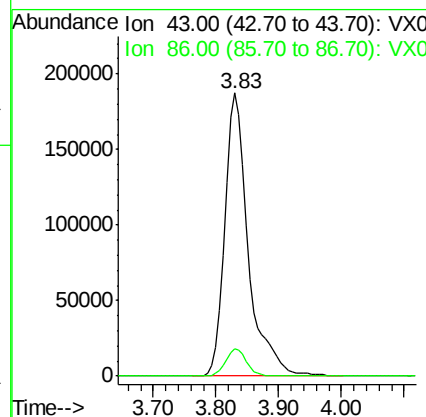
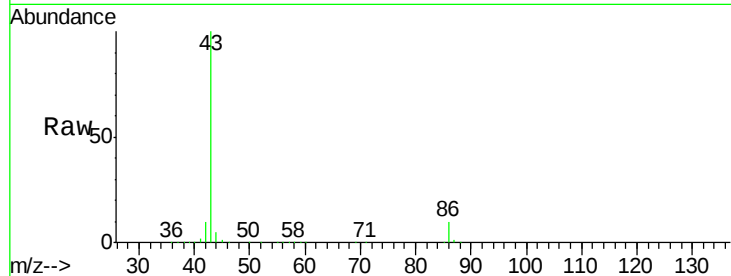
86 9.6 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.66 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

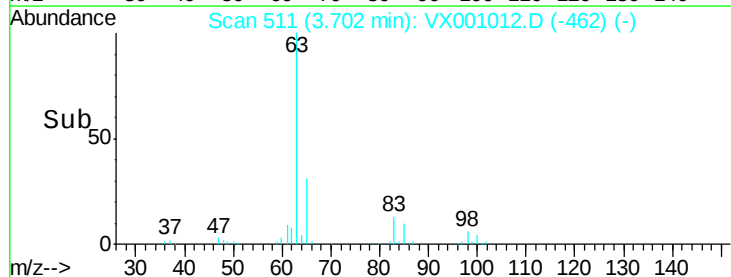
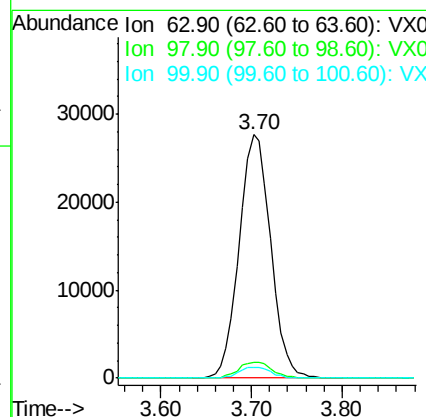
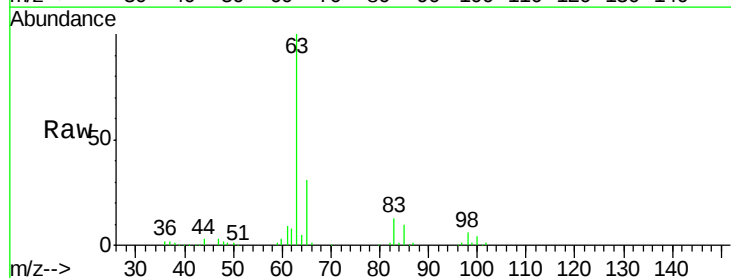
Tgt Ion: 63 Resp: 66761

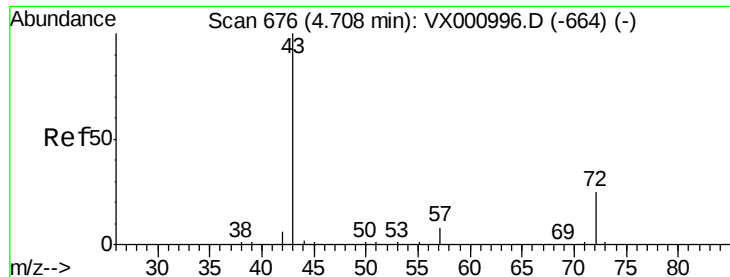
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 90.63 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 43 Resp: 133329

Ion Ratio Lower Upper

43 100

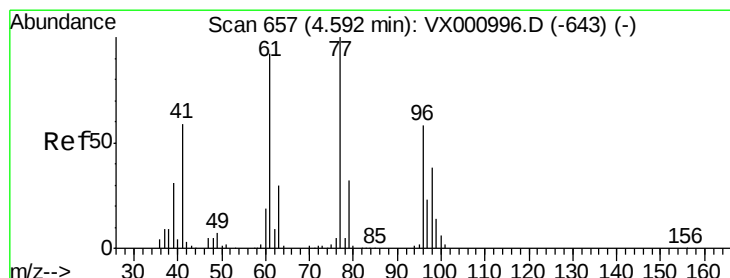
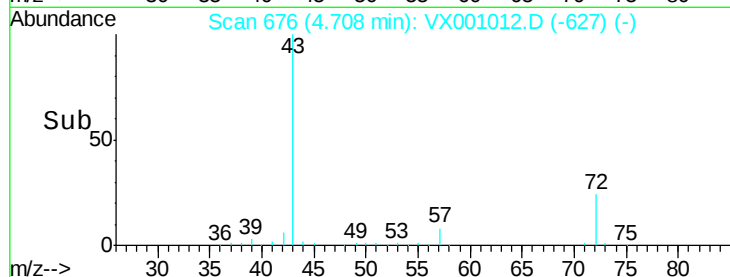
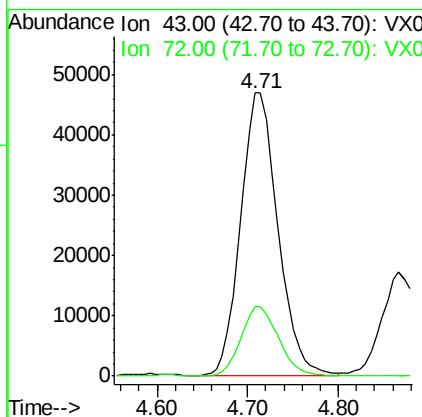
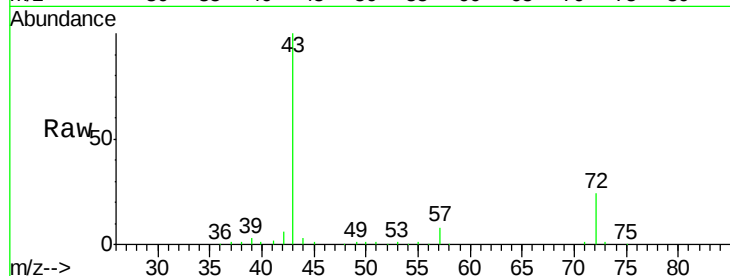
72 24.5 19.9 29.9

Manual Integrations

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MMDadoda

4/23/2018 1:27:41 PM



#26

2,2-Dichloropropane

Concen: 17.11 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001012.D

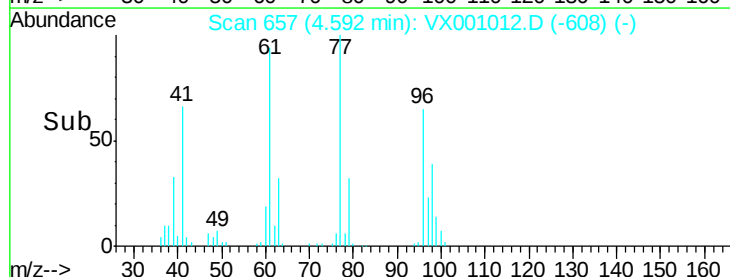
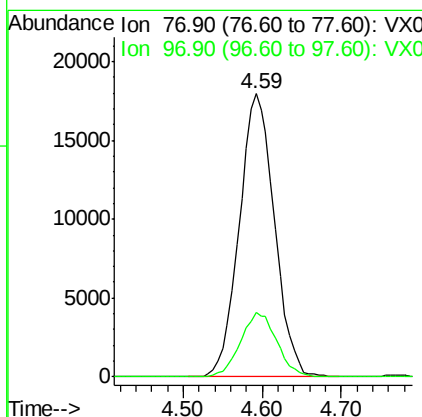
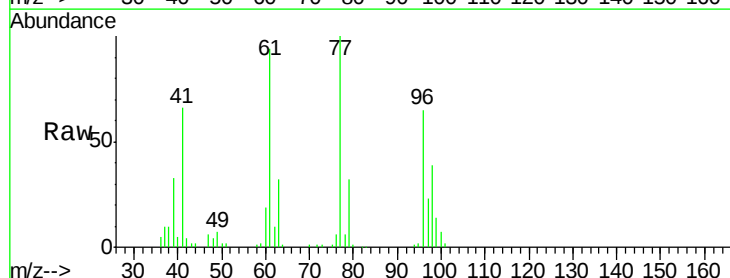
Acq: 20 Apr 2018 16:43

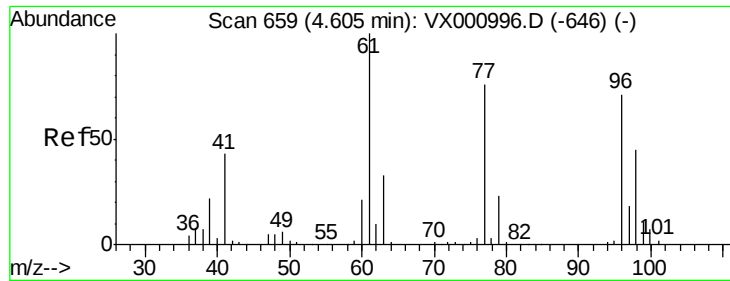
Tgt Ion: 77 Resp: 55622

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

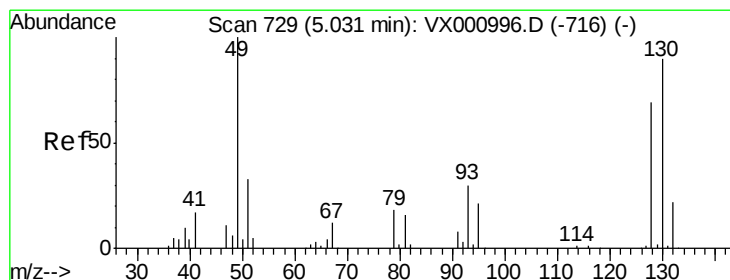
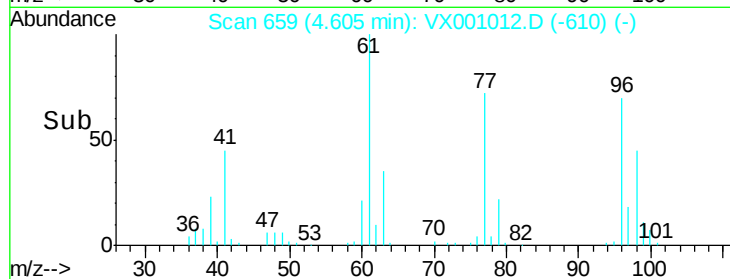
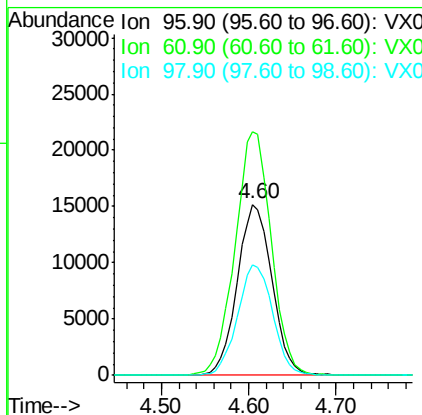
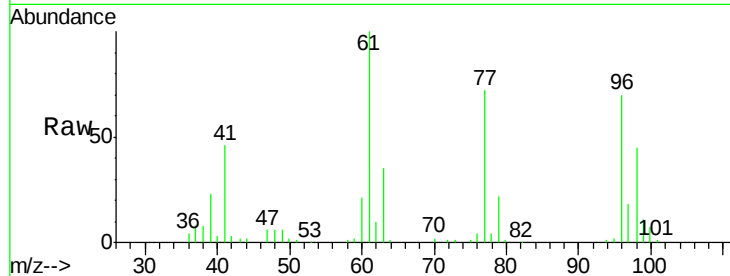
cis-1,2-Dichloroethene
Concen: 17.63 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	297.0
98	65.4	0.0	130.0

Manual Integrations
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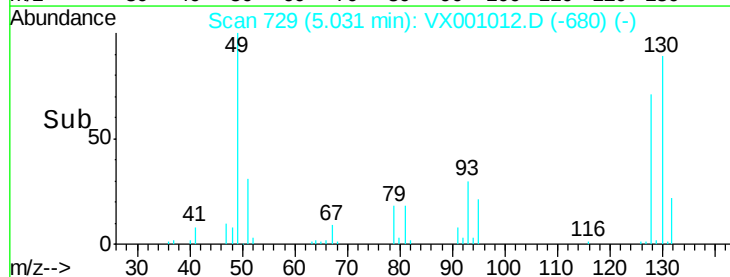
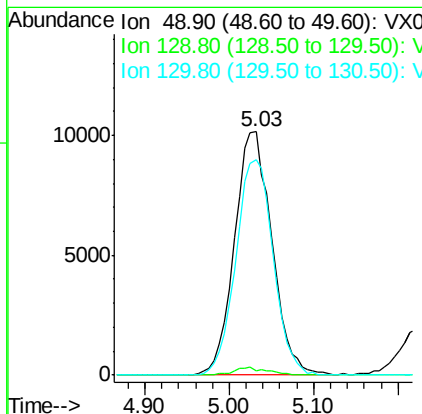
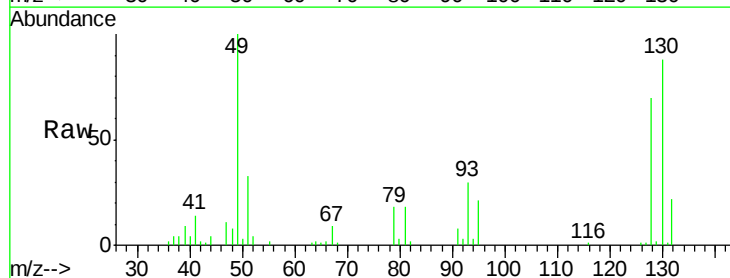
MMDadoda
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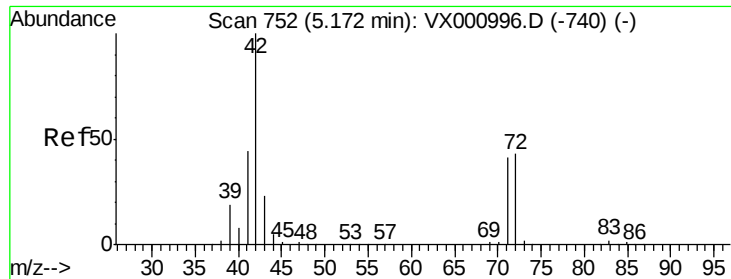


#28

Bromochloromethane
Concen: 21.00 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	88.2	70.6	105.8





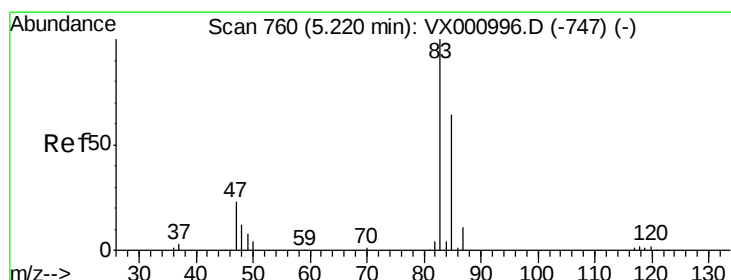
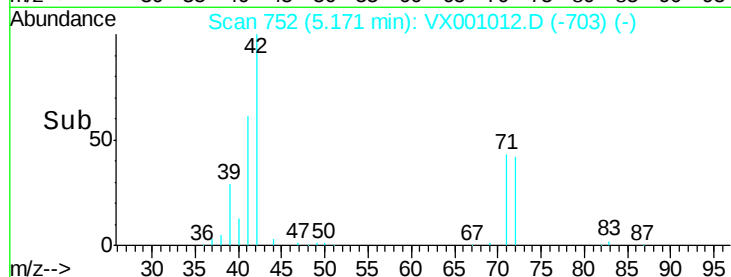
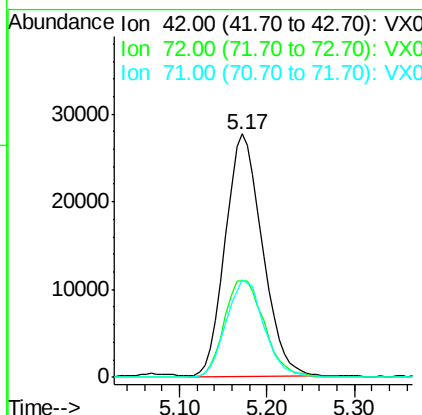
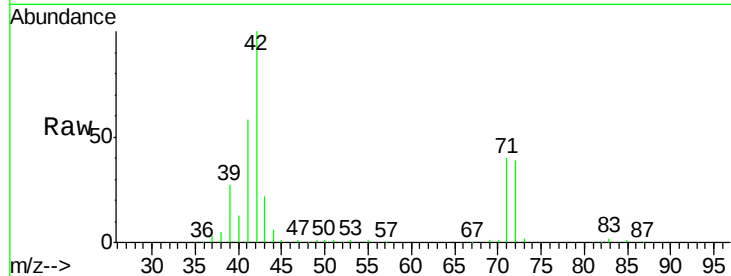
#29
Tetrahydrofuran
Concen: 88.01 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	52.0
71	40.9	32.6	49.0

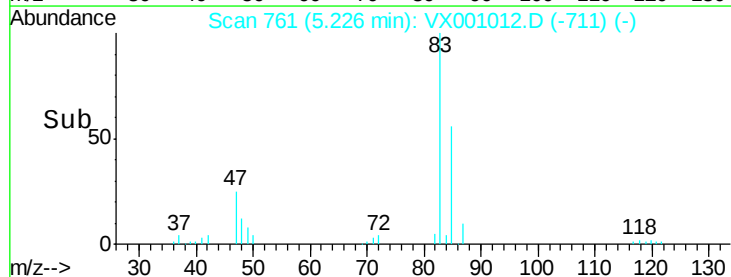
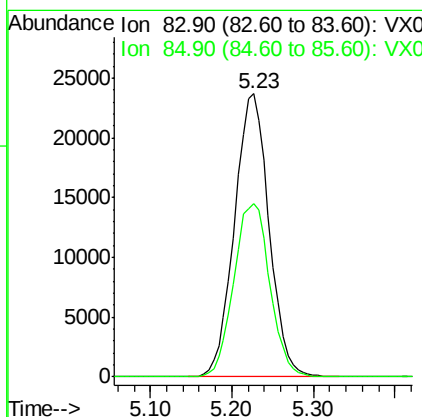
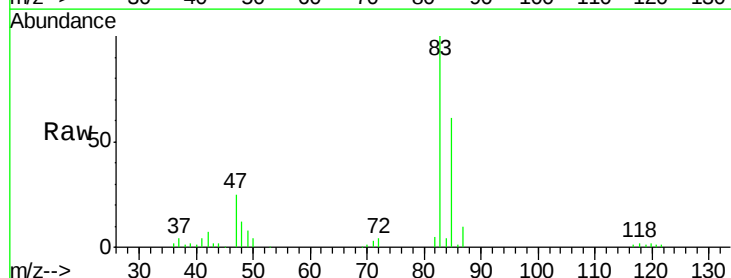
Manual Integrations
APPROVED

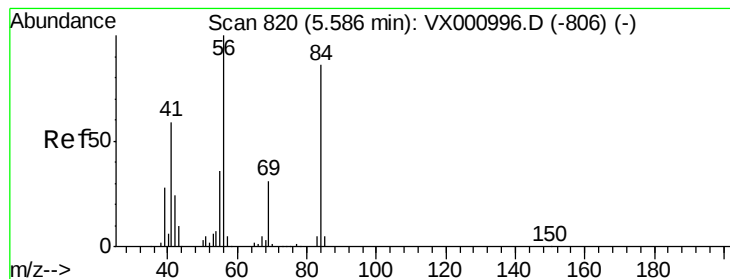
MMDadoda
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#30
Chloroform
Concen: 17.77 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.3	76.9





#31

Cyclohexane

Concen: 16.97 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 56 Resp: 59858

Ion Ratio Lower Upper

56 100

69 31.0 24.6 36.8

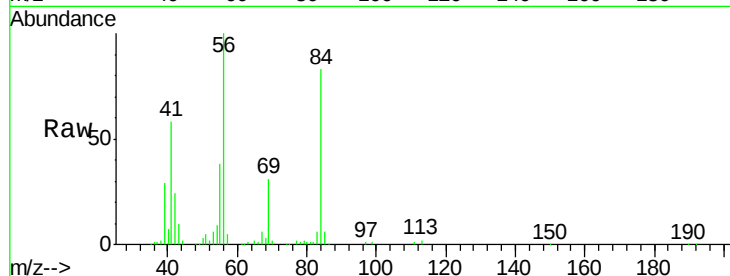
84 80.8 69.0 103.6

Manual Integrations

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MMDadoda

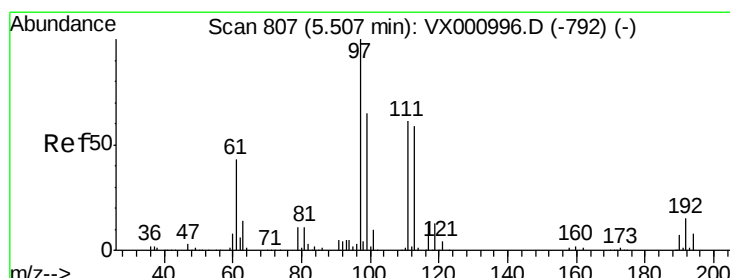
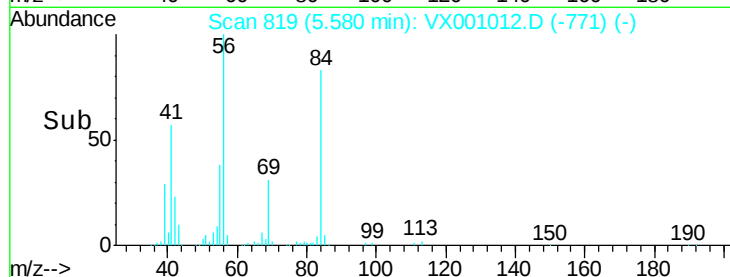
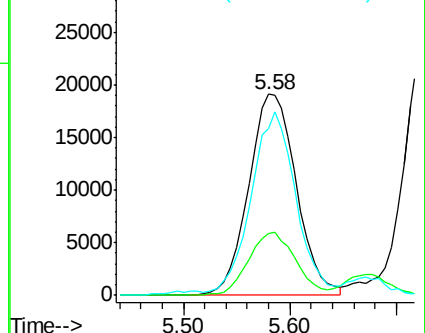
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.12 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

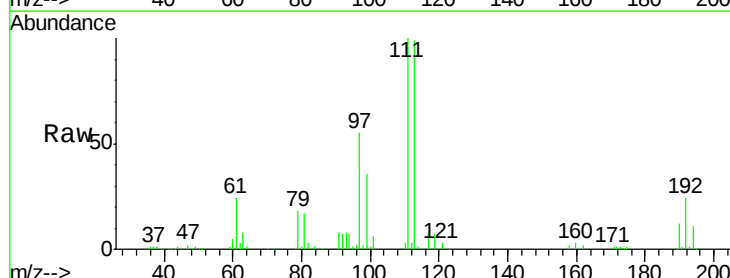
Tgt Ion: 97 Resp: 60092

Ion Ratio Lower Upper

97 100

99 66.4 51.1 76.7

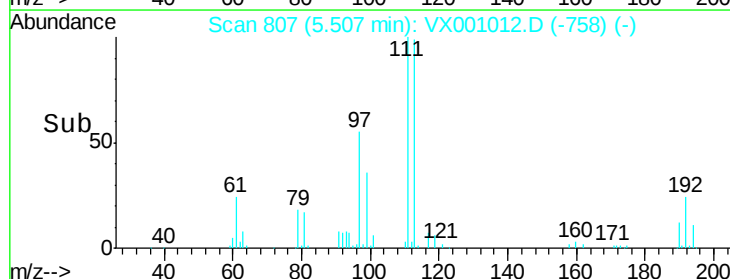
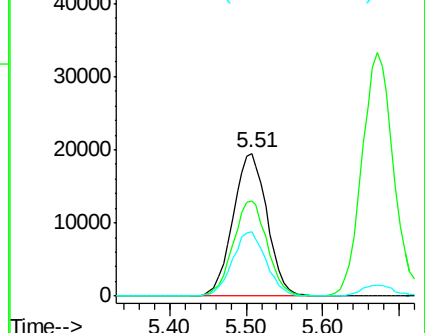
61 44.6 34.4 51.6

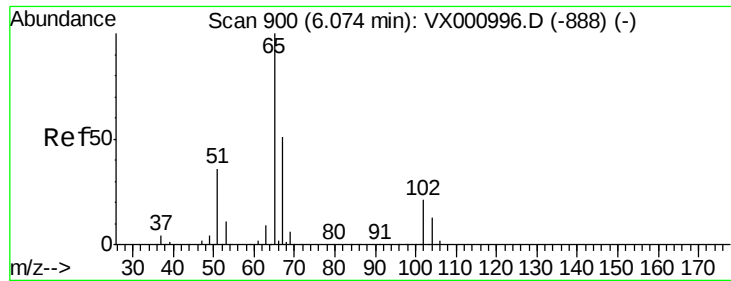


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





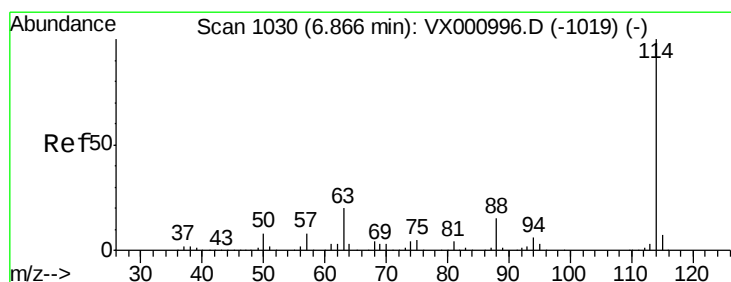
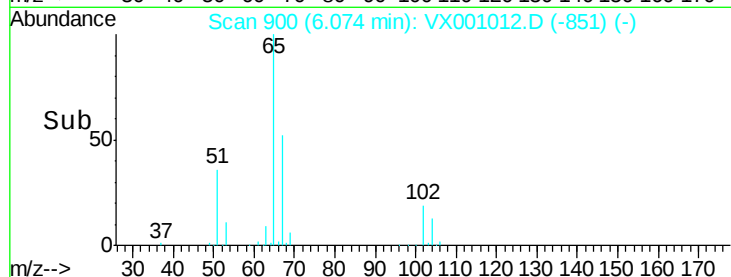
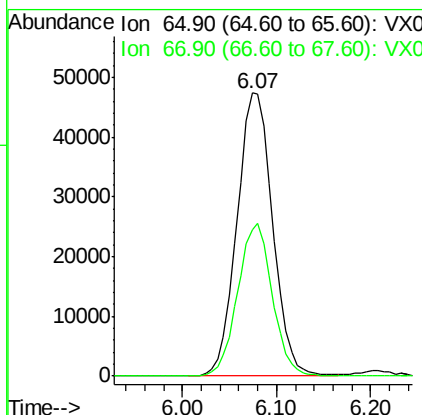
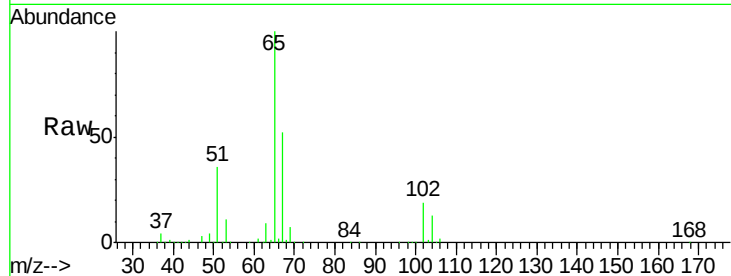
#33
 1,2-Dichloroethane-d4
 Concen: 50.19 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	125595		
67	52.3	0.0	102.6	

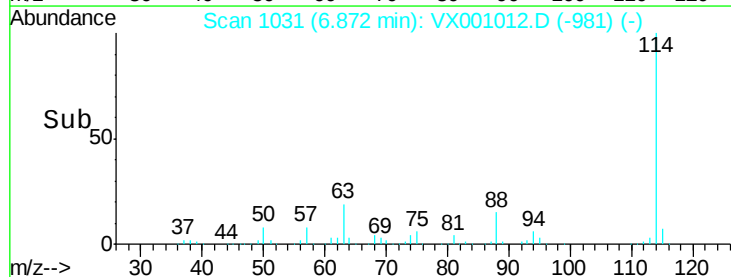
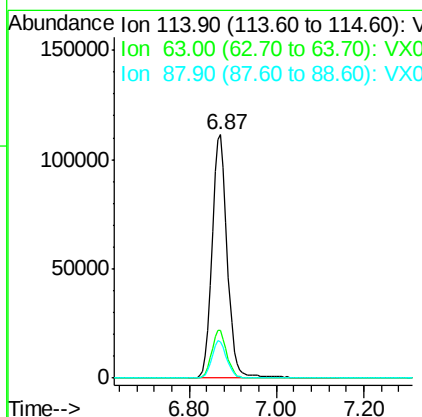
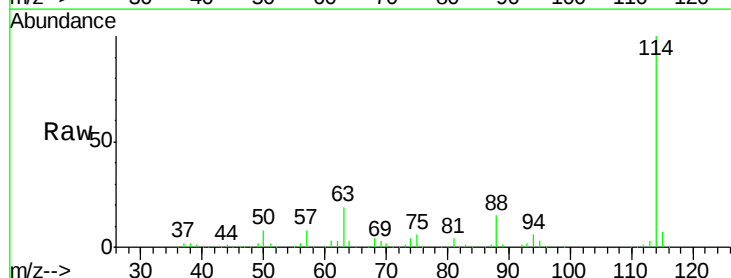
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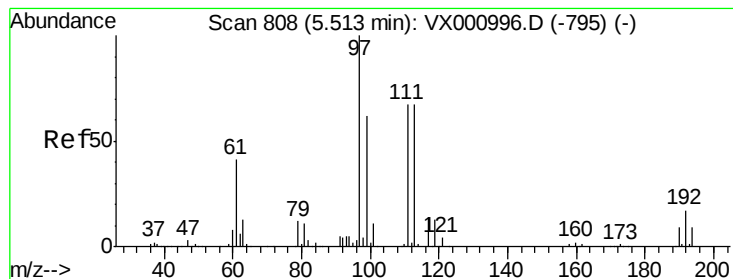
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	272232		
63	19.5	0.0	39.4	
88	15.1	0.0	29.8	





#35

Dibromofluoromethane

Concen: 49.70 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

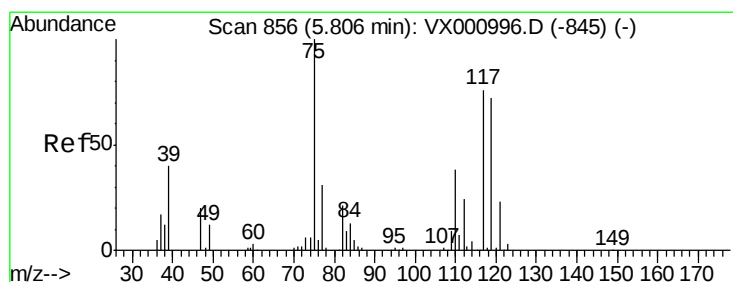
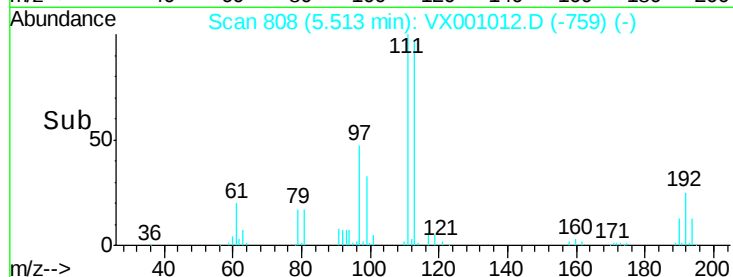
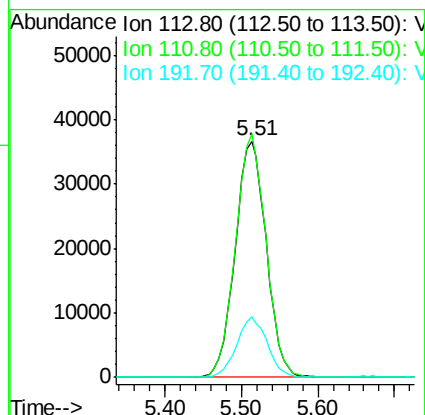
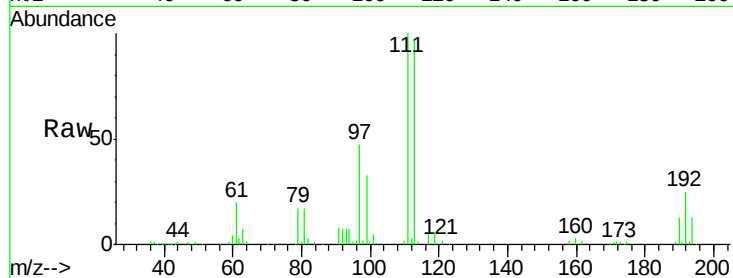
ClientSampleId :

VX0420WBSD01

Tgt Ion:	113	Resp:	103177
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.4	122.2
192	25.0	20.4	30.6

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#36

1,1-Dichloropropene

Concen: 16.77 ug/l

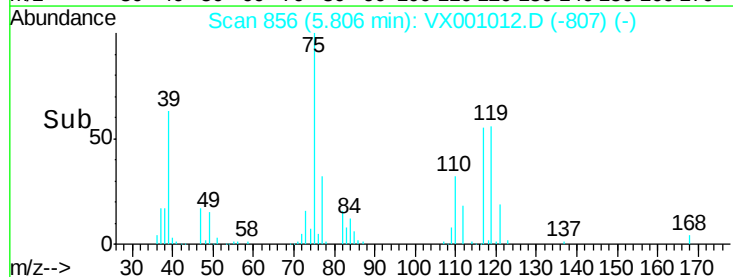
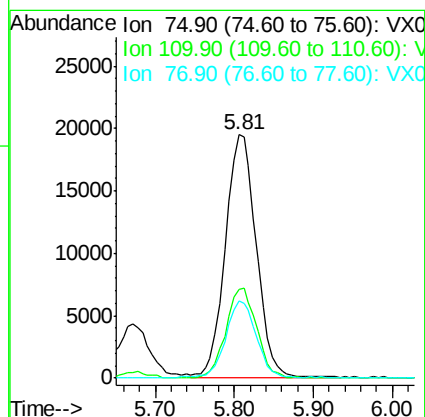
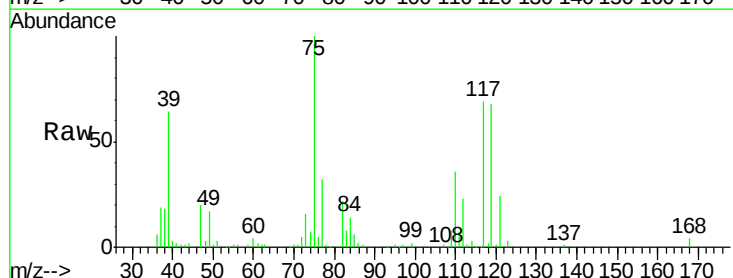
RT: 5.81 min Scan# 856

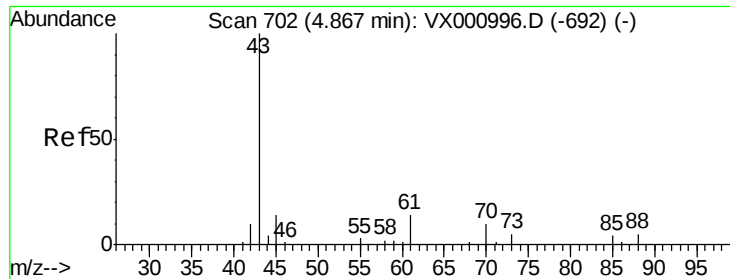
Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Tgt Ion:	75	Resp:	53648
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.7	56.1
77	31.3	25.0	37.4





#37

Ethyl Acetate

Concen: 16.94 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

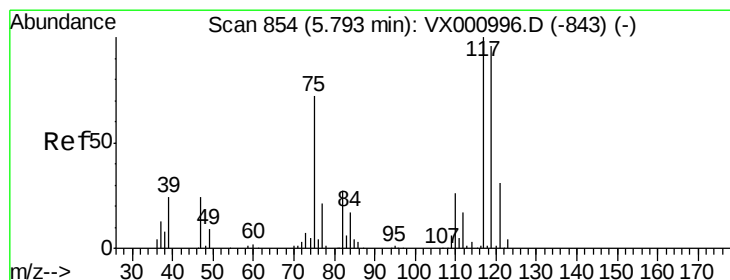
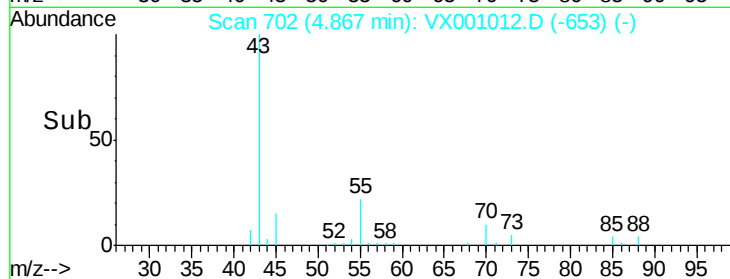
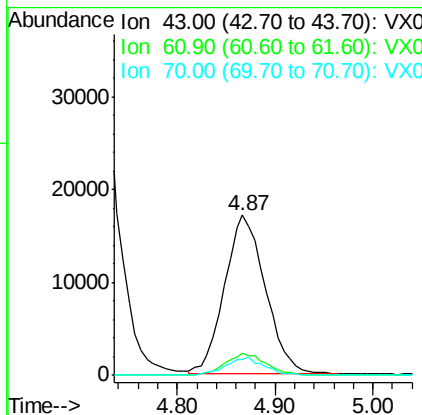
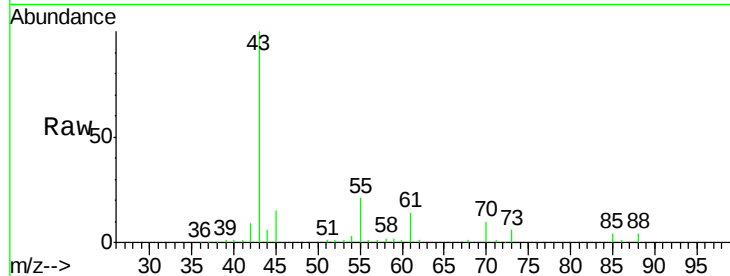
ClientSampleId :

VX0420WBSD01

Tgt Ion:	43	Resp:	49700
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	10.4	8.3	12.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 15.93 ug/l

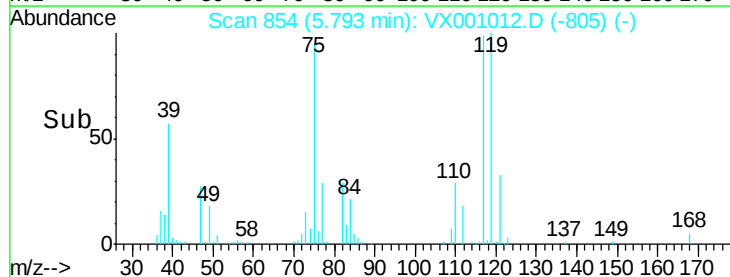
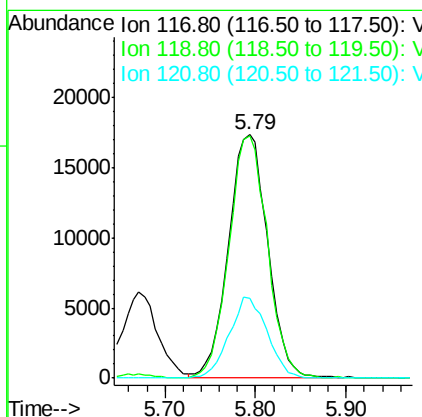
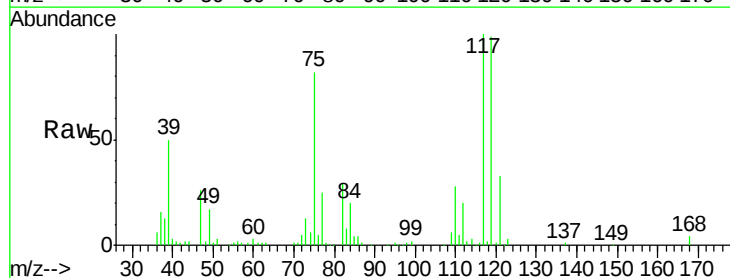
RT: 5.79 min Scan# 854

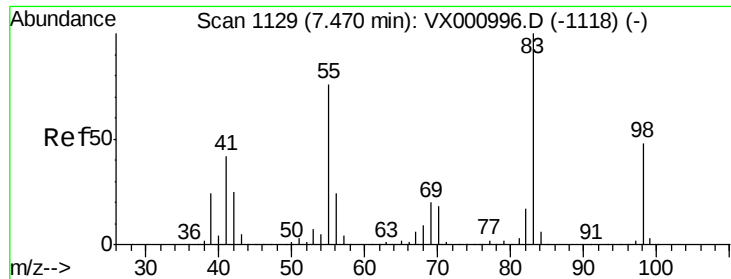
Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Tgt Ion:	117	Resp:	51596
Ion	Ratio	Lower	Upper
117	100		
119	99.5	76.5	114.7
121	32.7	24.5	36.7





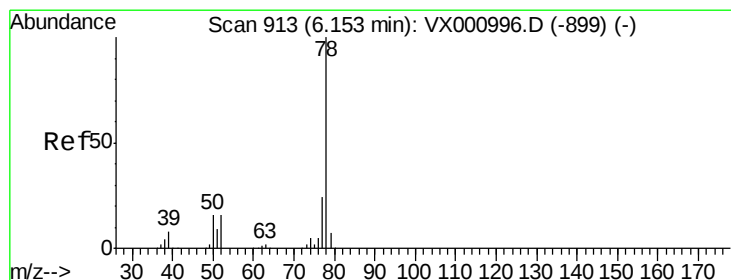
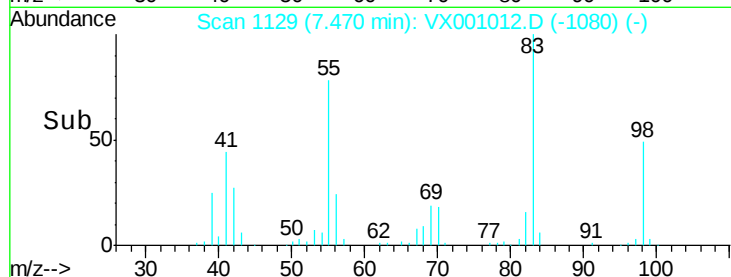
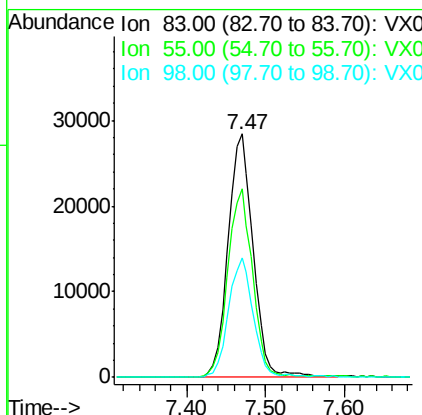
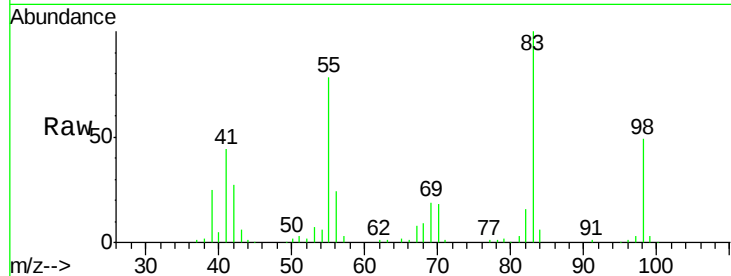
#39
Methylcyclohexane
Concen: 16.92 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.7	60.6	91.0
98	49.0	38.2	57.4

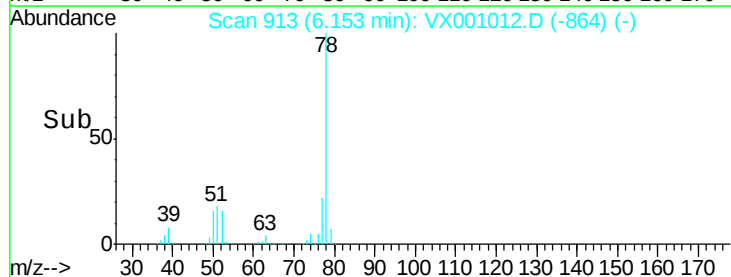
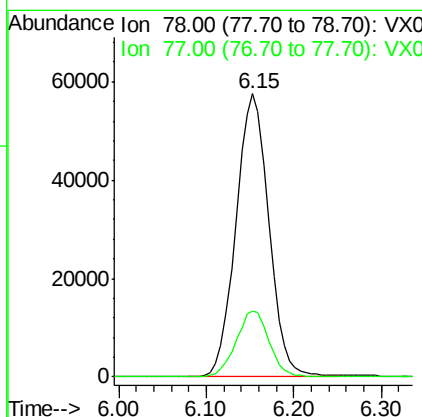
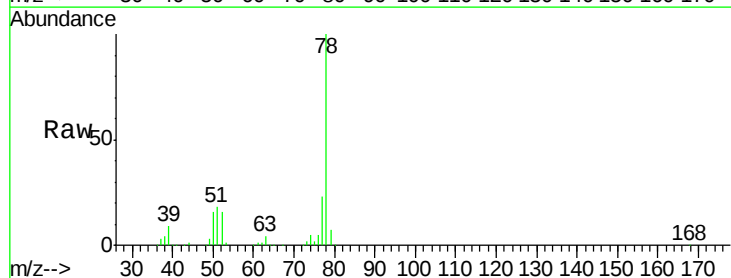
Manual Integrations
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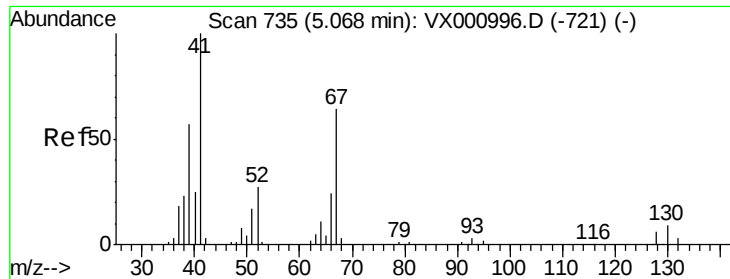
MMDadoda
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#40
Benzene
Concen: 16.95 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





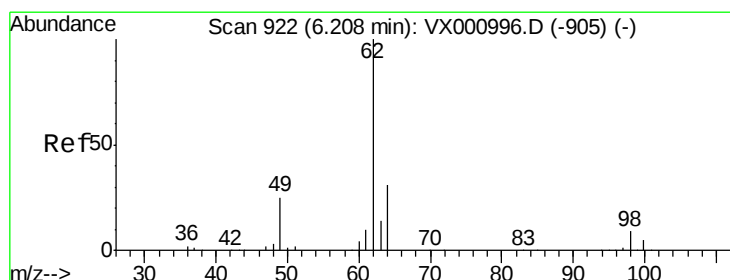
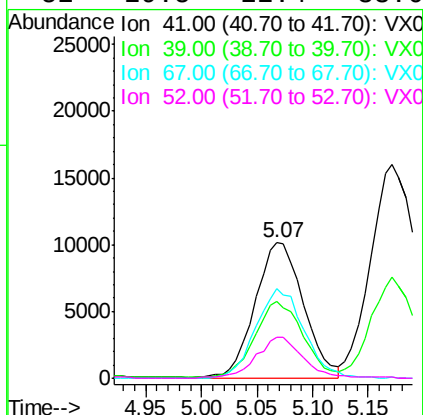
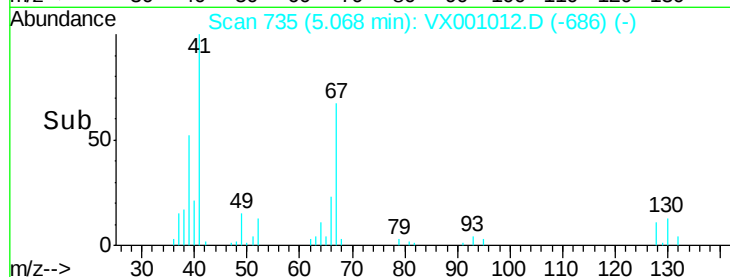
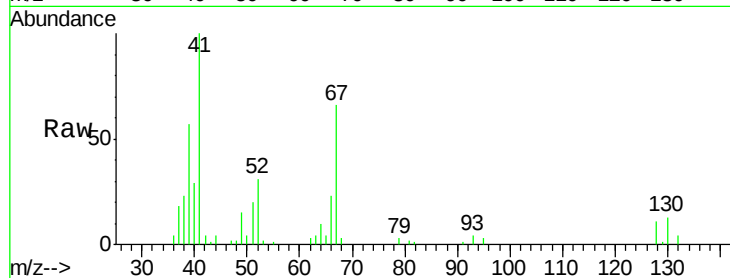
#41
Methacrylonitrile
Concen: 16.87 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.2	67.8
67	65.5	53.8	80.8
52	29.5	22.4	33.6

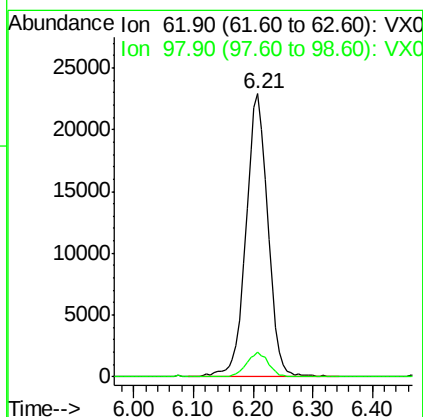
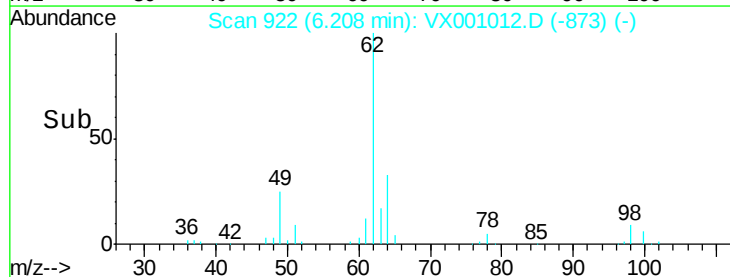
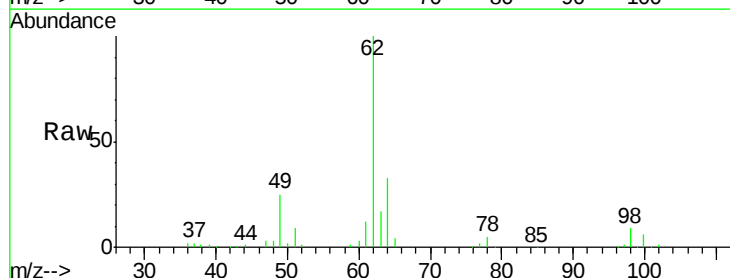
Manual Integrations
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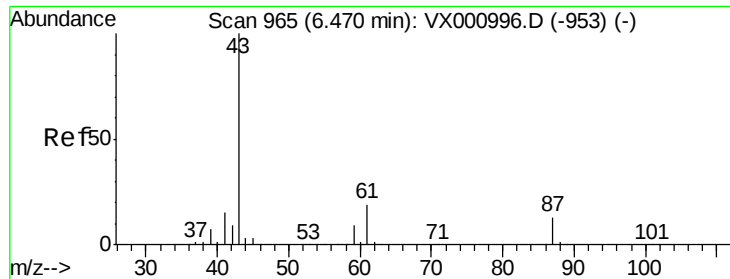
MMDadoda
4/23/2018 1:27:41 PM



#42
1,2-Dichloroethane
Concen: 17.24 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 16.80 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

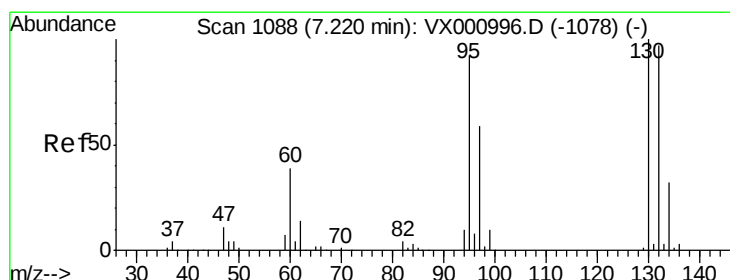
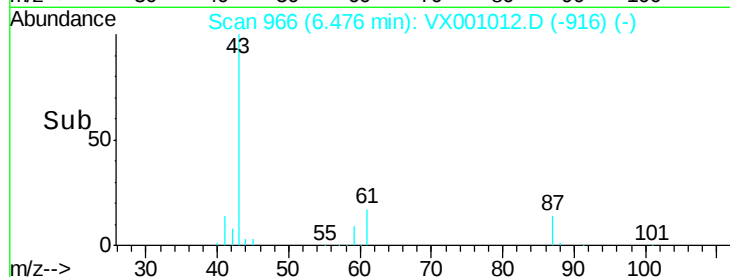
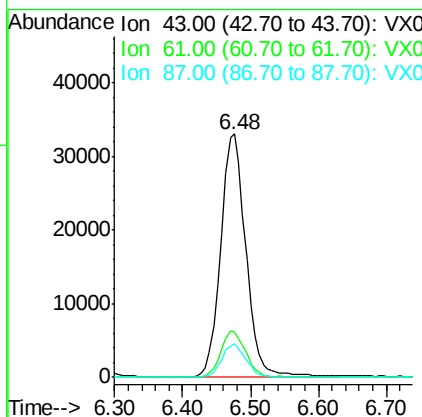
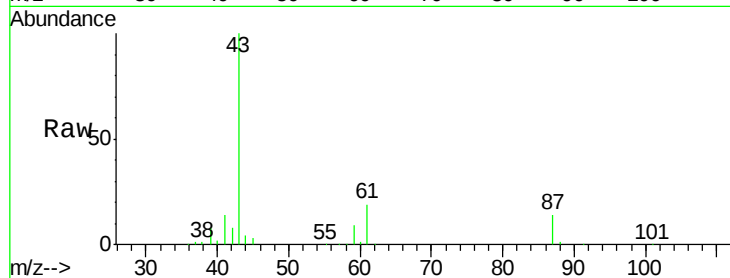
ClientSampleId :

VX0420WBSD01

Tgt Ion:	43	Resp:	84576
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.4	23.2
87	13.2	10.6	15.8

Manual Integrations
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#44

Trichloroethene

Concen: 16.87 ug/l

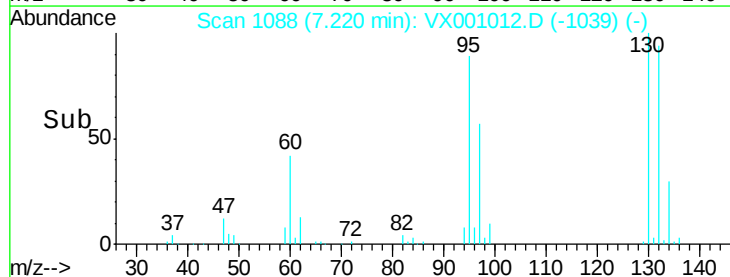
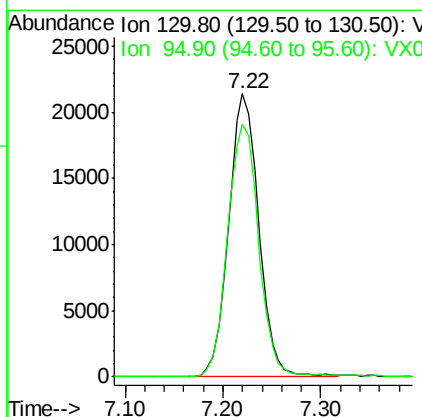
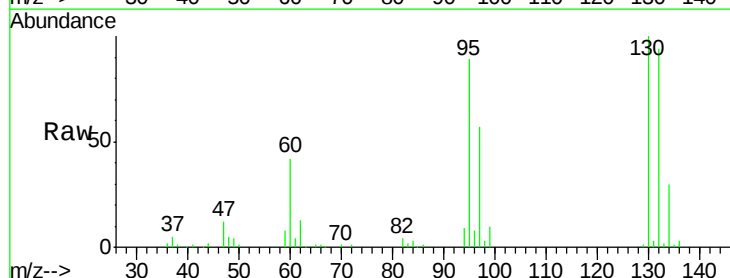
RT: 7.22 min Scan# 1088

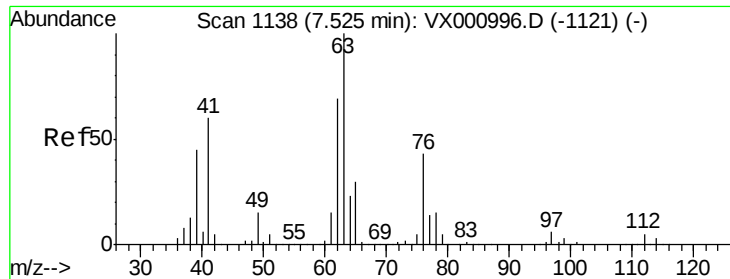
Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Tgt Ion:	130	Resp:	45837
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	184.2





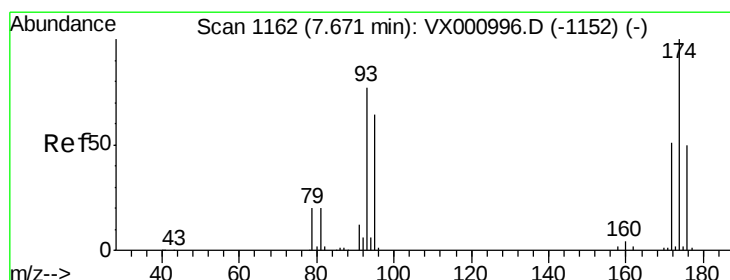
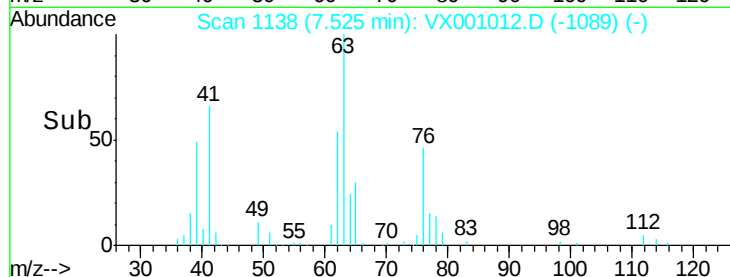
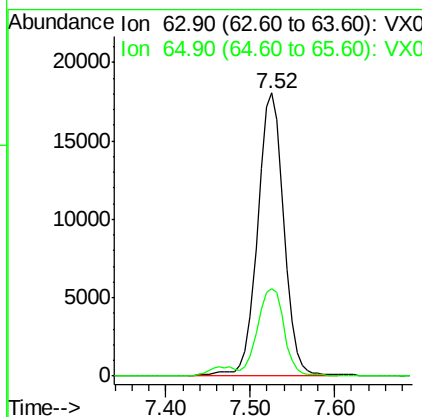
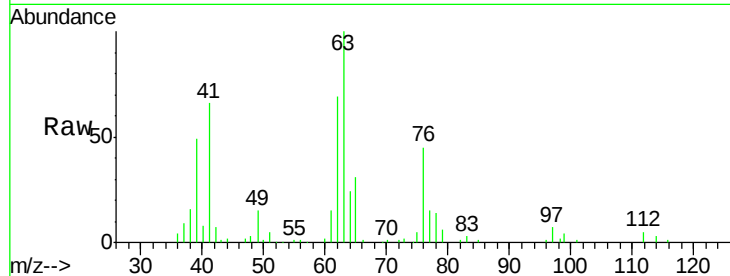
#45
 1,2-Dichloropropane
 Concen: 17.31 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion: 63 Resp: 38716
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.4 36.6

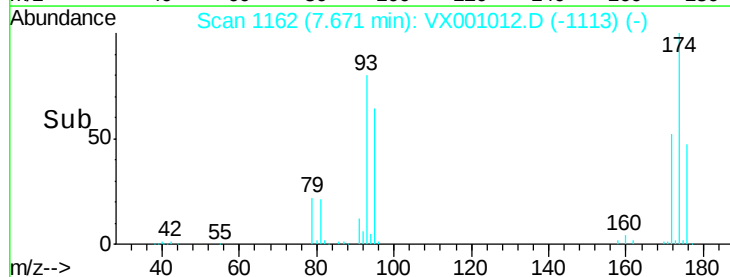
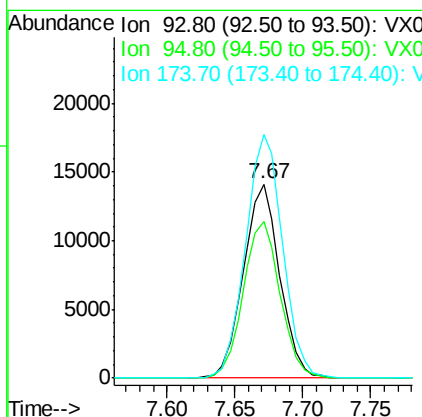
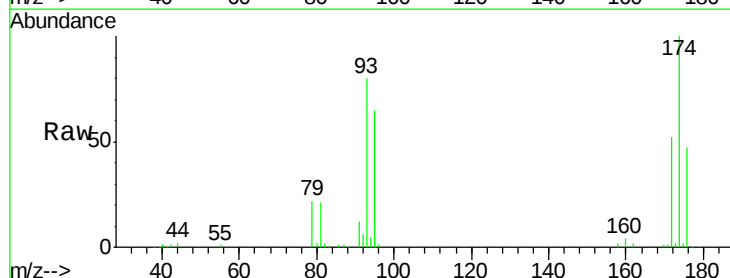
Manual Integrations
 APPROVED

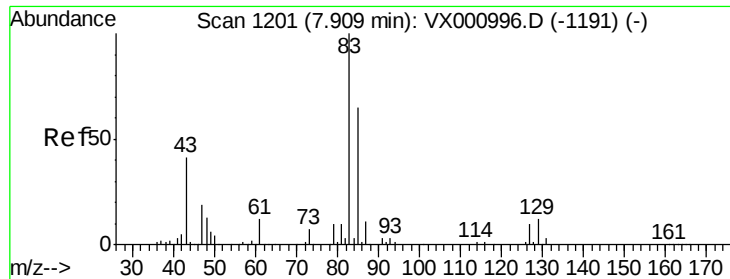
MMDadoda
 4/23/2018 1:27:41 PM



#46
 Dibromomethane
 Concen: 16.87 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion: 93 Resp: 26363
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.7 100.1
 174 128.7 101.8 152.6





#47

Bromodichloromethane

Concen: 16.54 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 83 Resp: 47889

Ion Ratio Lower Upper

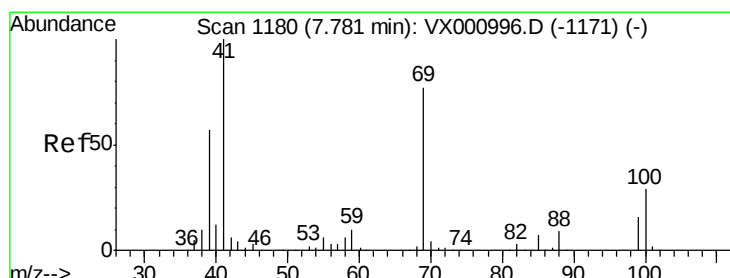
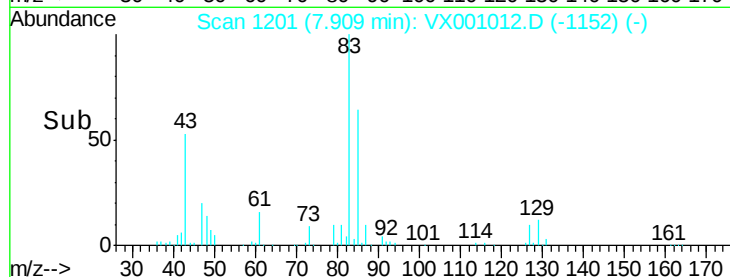
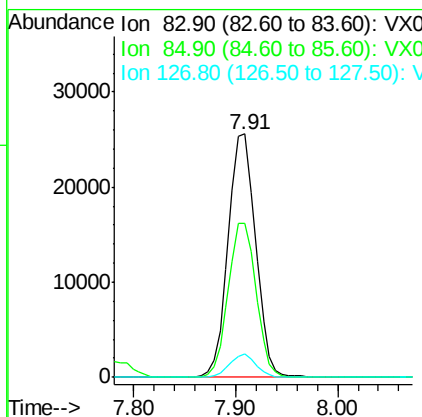
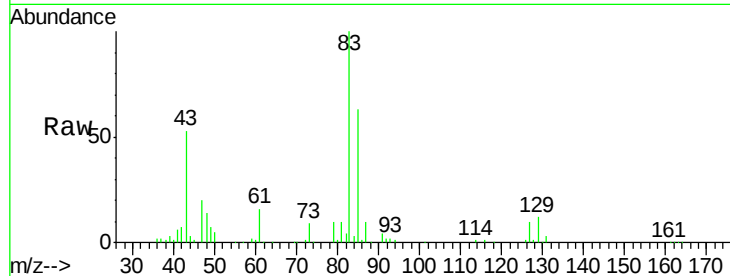
83 100

85 63.3 52.3 78.5

127 9.7 7.8 11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.08 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

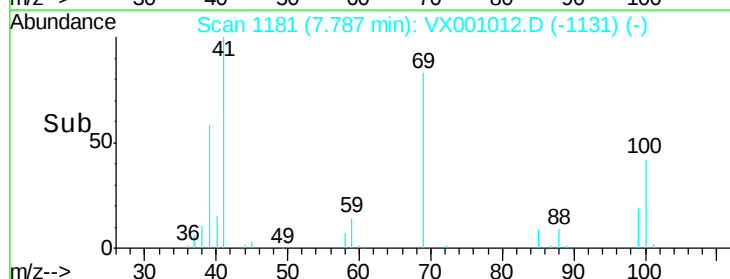
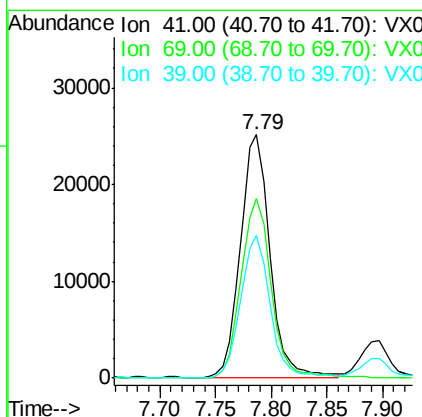
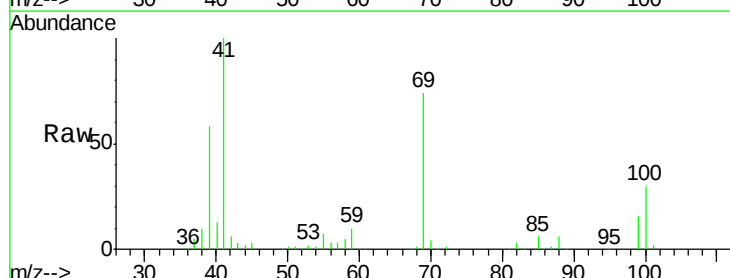
Tgt Ion: 41 Resp: 46294

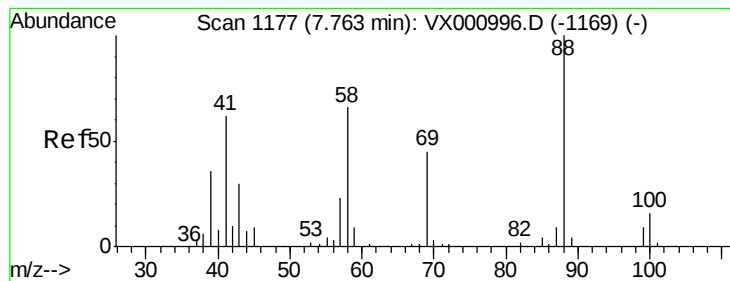
Ion Ratio Lower Upper

41 100

69 76.4 62.6 94.0

39 58.9 45.3 67.9





#49

1,4-Dioxane

Concen: 347.21 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

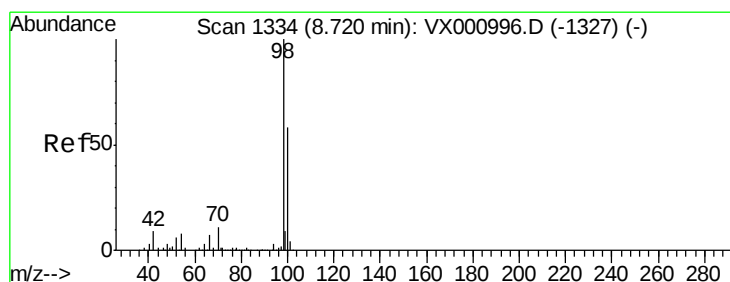
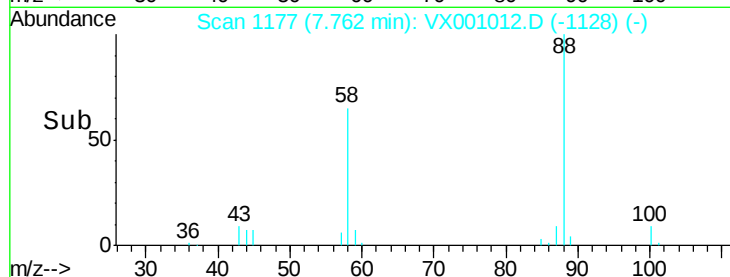
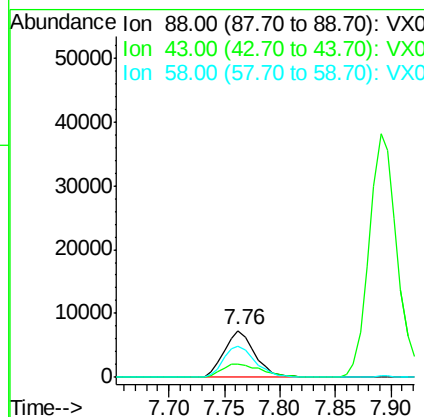
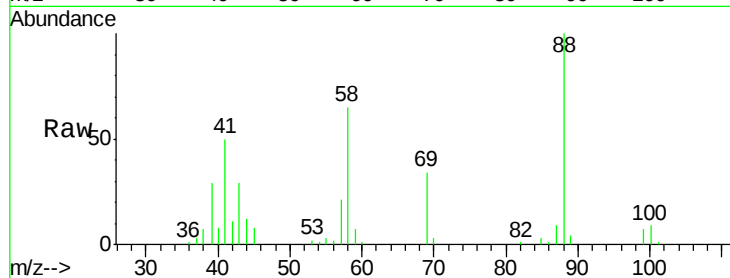
ClientSampleId :

VX0420WBSD01

Tgt Ion:	88	Resp:	13841
Ion	Ratio	Lower	Upper
88	100		
43	39.9	29.2	43.8
58	70.6	55.0	82.6

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#50

Toluene-d8

Concen: 48.38 ug/l

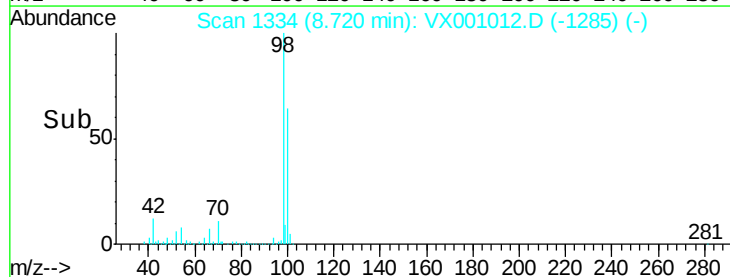
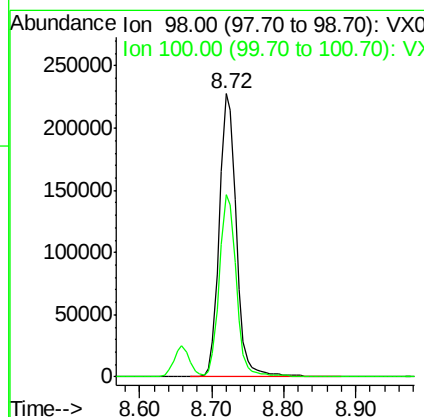
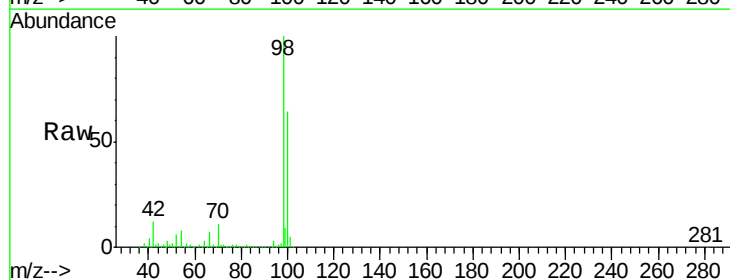
RT: 8.72 min Scan# 1334

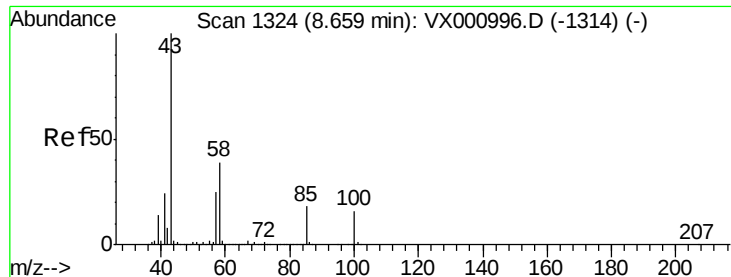
Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Tgt Ion:	98	Resp:	371344
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9





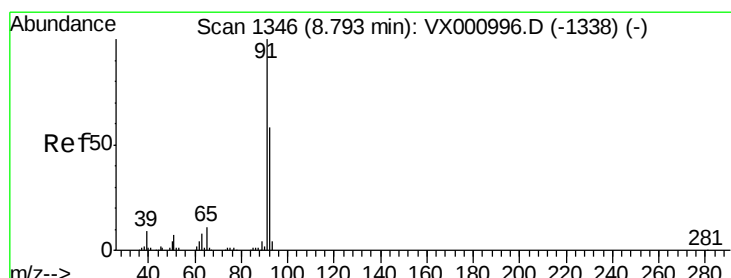
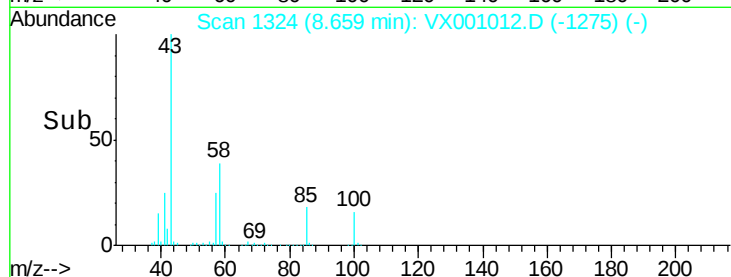
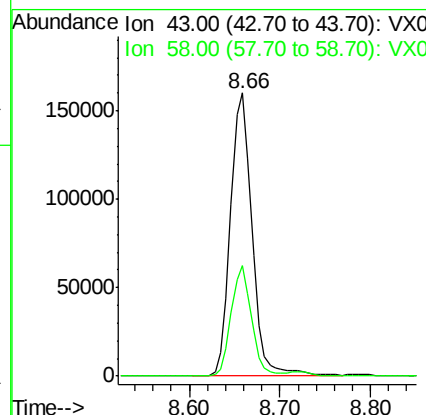
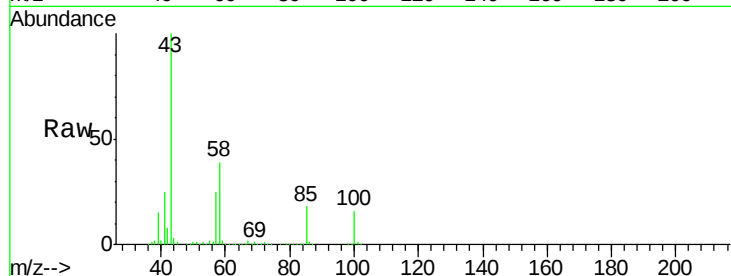
#51
 4-Methyl-2-Pentanone
 Concen: 86.88 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion: 43 Resp: 265582
 Ion Ratio Lower Upper
 43 100
 58 36.6 30.2 45.4

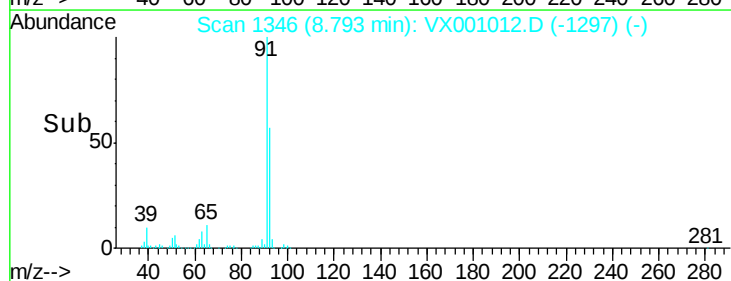
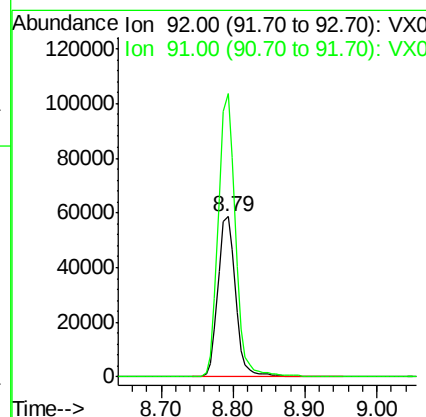
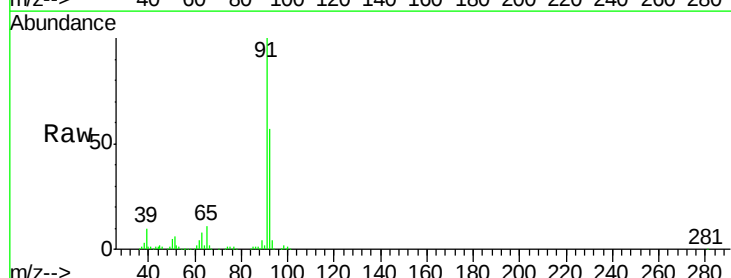
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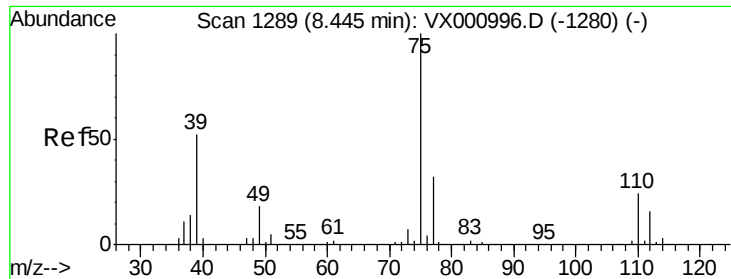
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#52
 Toluene
 Concen: 17.14 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion: 92 Resp: 99510
 Ion Ratio Lower Upper
 92 100
 91 172.1 138.2 207.4





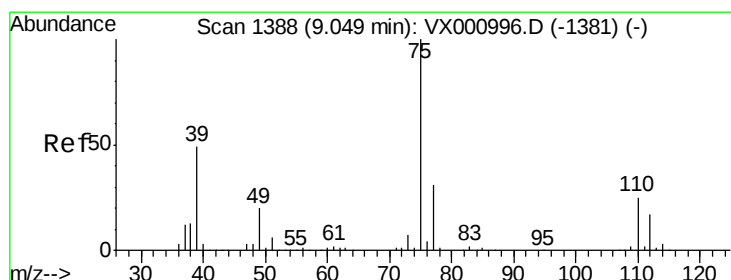
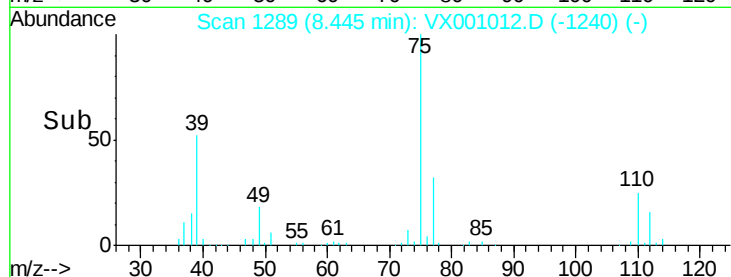
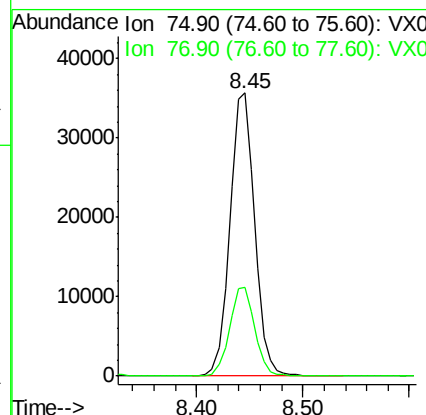
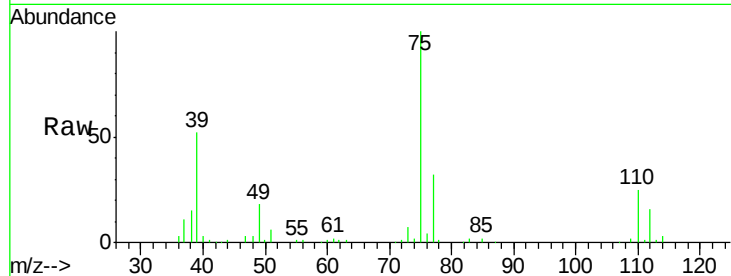
#53
 t-1,3-Dichloropropene
 Concen: 16.82 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion: 75 Resp: 58221
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.6

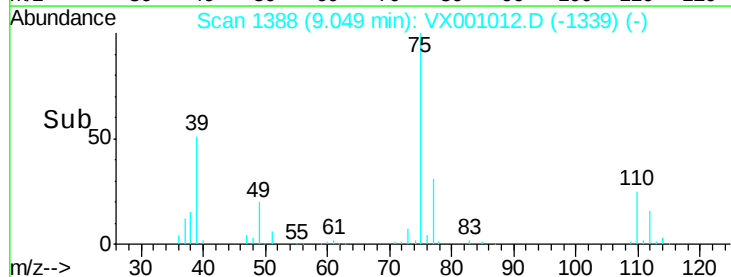
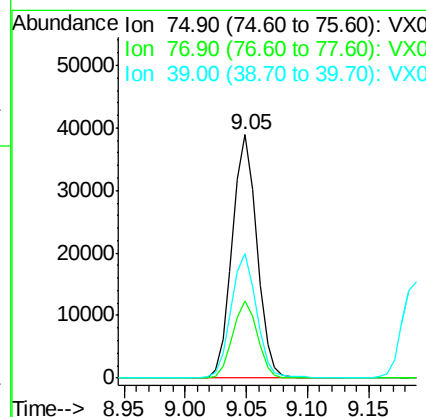
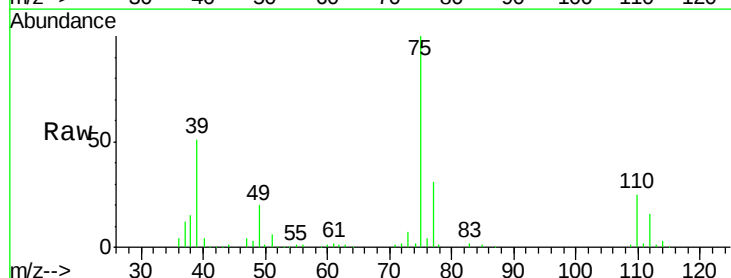
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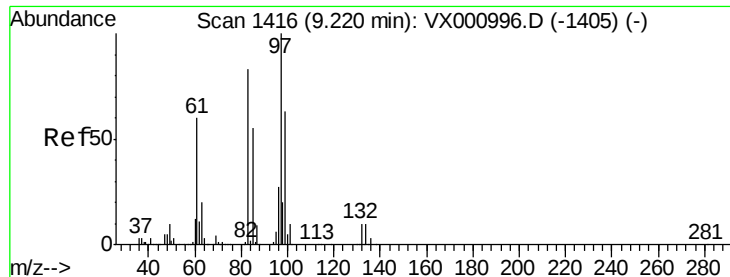
MMDadoda
 4/23/2018 1:27:41 PM



#54
 cis-1,3-Dichloropropene
 Concen: 16.70 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion: 75 Resp: 54503
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 51.3 39.2 58.8





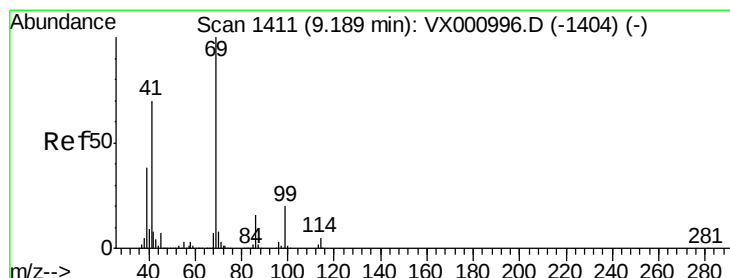
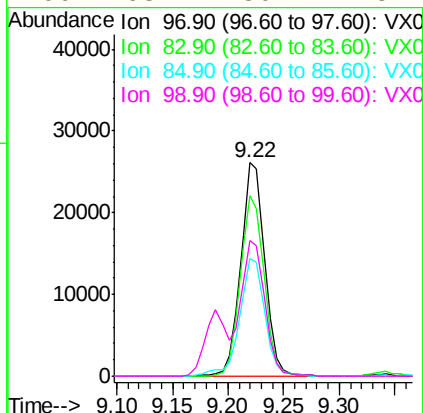
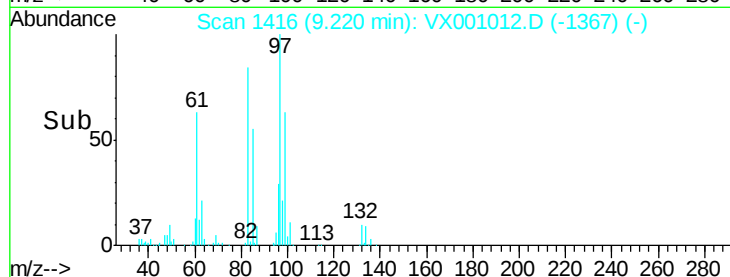
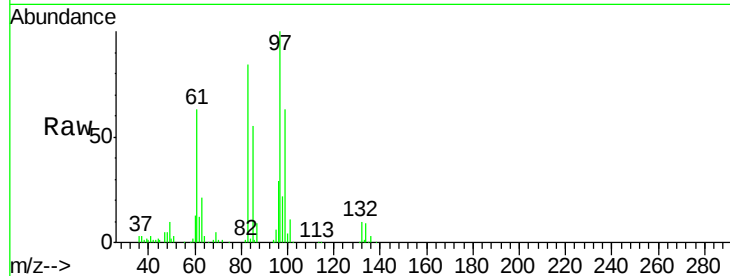
#55
 1,1,2-Trichloroethane
 Concen: 16.91 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.2	99.4
85	55.0	44.2	66.4
99	63.4	50.2	75.4

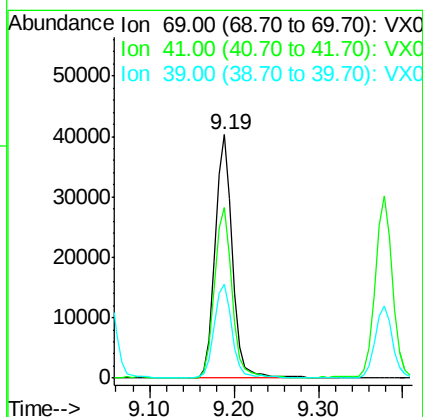
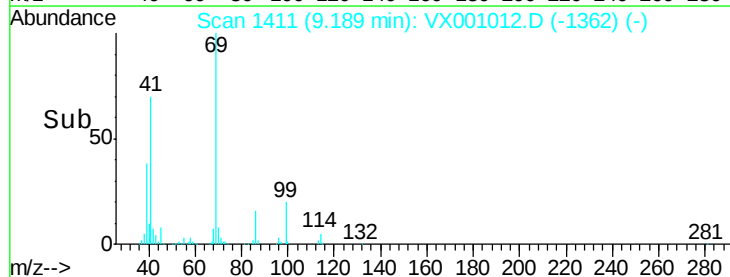
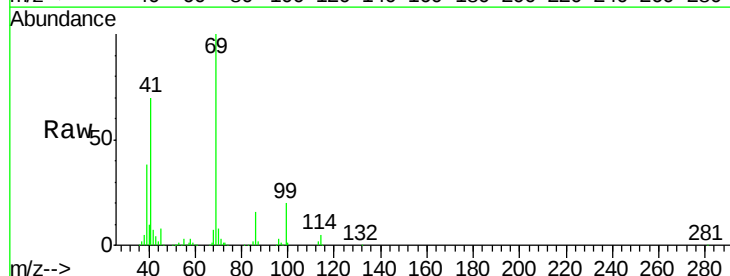
Manual Integrations
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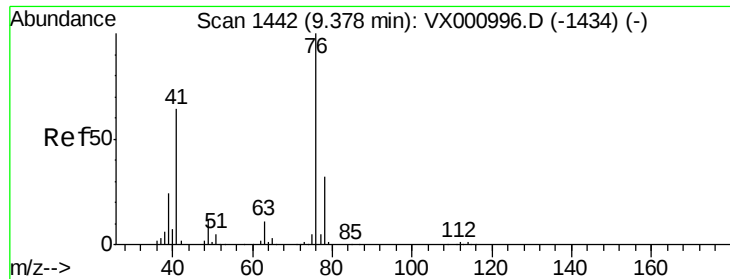
MMDadoda
 4/23/2018 1:27:41 PM



#56
 Ethyl methacrylate
 Concen: 16.99 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.3	84.5
39	39.8	30.4	45.6





#57

1,3-Dichloropropane

Concen: 17.00 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 76 Resp: 64962

Ion Ratio Lower Upper

76 100

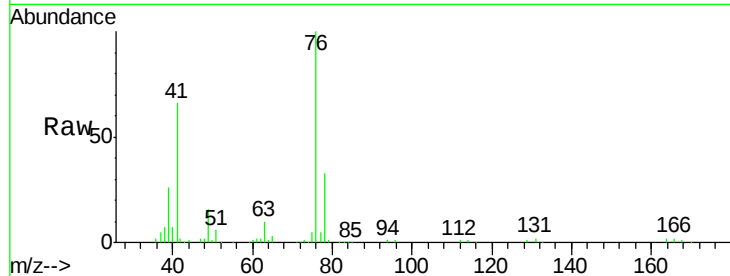
78 32.4 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:41 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

50000

40000

30000

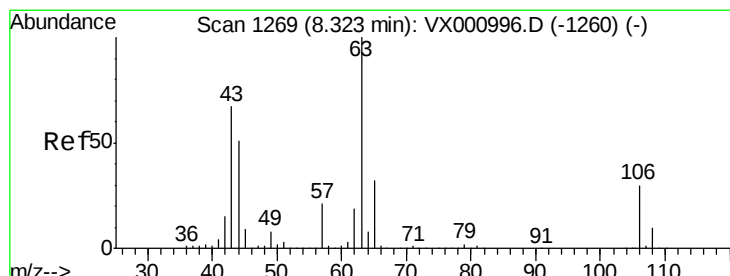
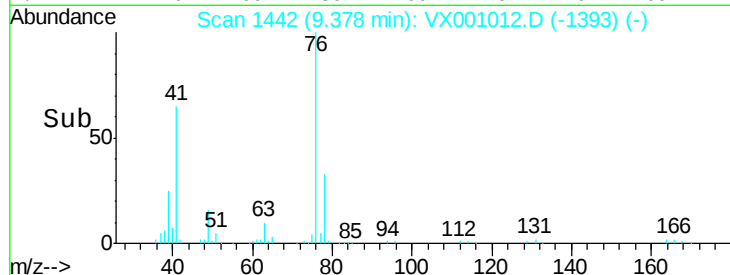
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 88.53 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001012.D

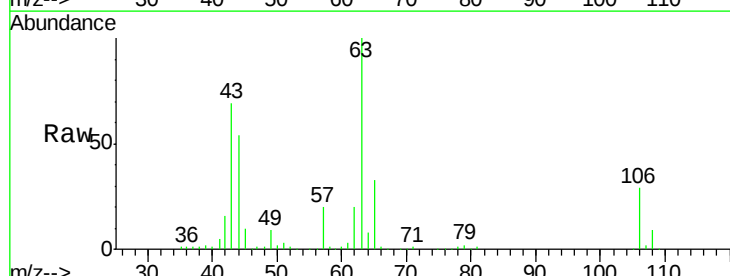
Acq: 20 Apr 2018 16:43

Tgt Ion: 63 Resp: 146419

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

100000

80000

60000

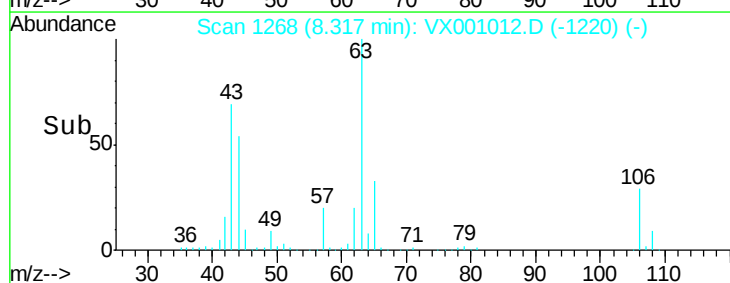
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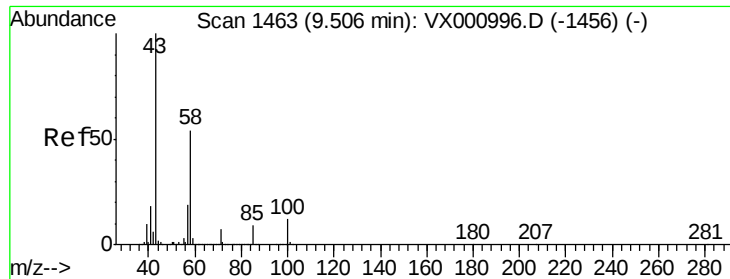
20000

0

8.20 8.30 8.40

Time-->





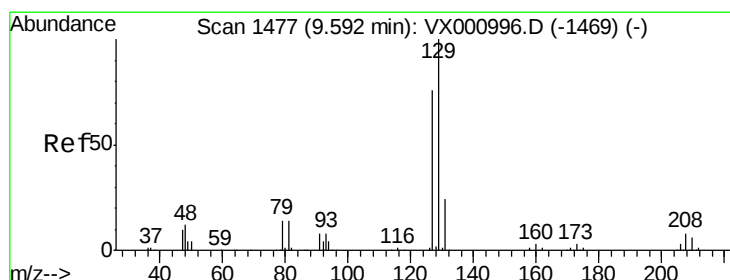
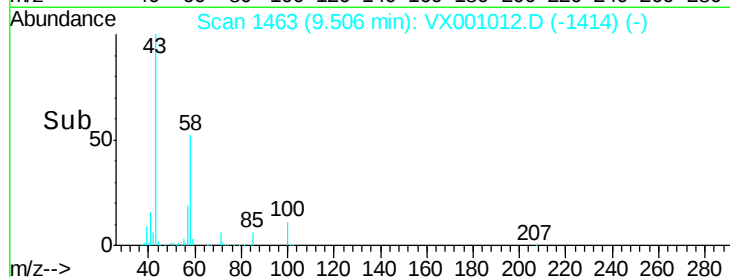
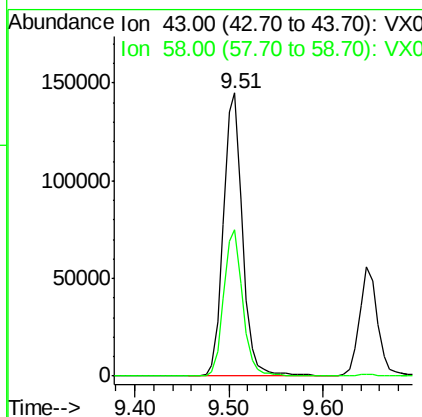
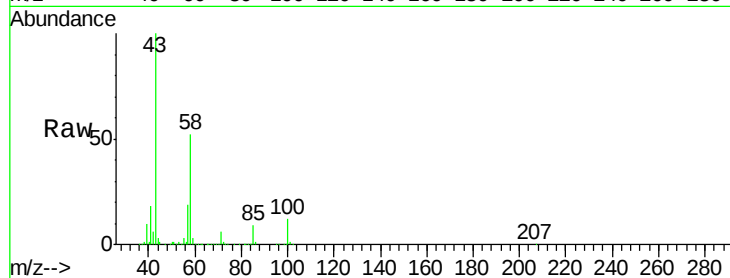
#59
2-Hexanone
Concen: 86.72 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion: 43 Resp: 202916
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.9

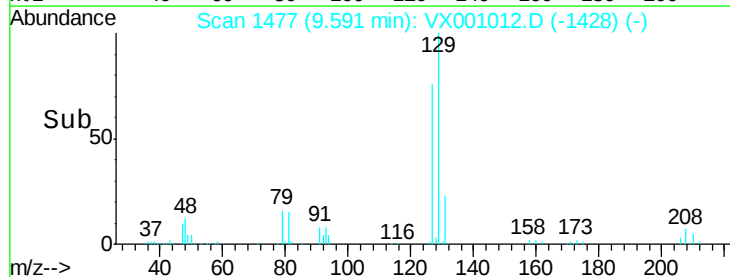
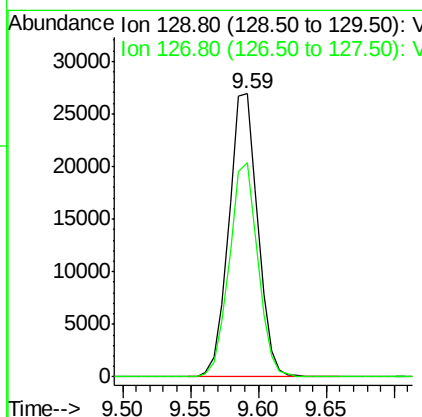
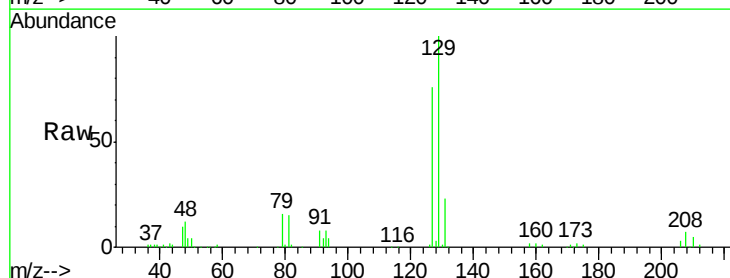
Manual Integrations
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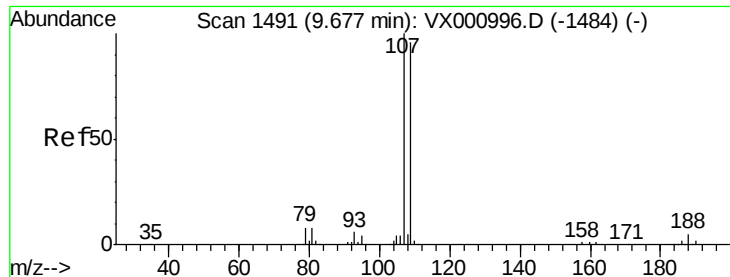
MMDadoda
4/23/2018 1:27:41 PM



#60
Dibromochloromethane
Concen: 16.41 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Tgt Ion: 129 Resp: 39761
Ion Ratio Lower Upper
129 100
127 74.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 17.17 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 107 Resp: 41815

Ion Ratio Lower Upper

107 100

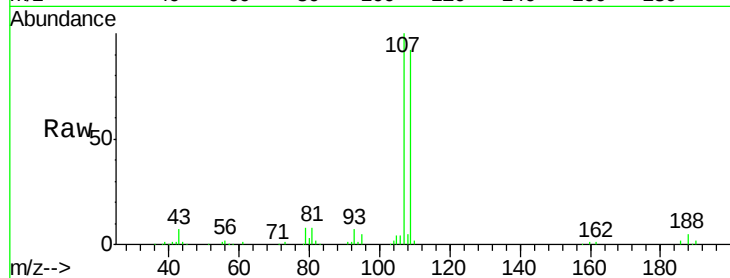
109 95.1 76.0 114.0

Manual Integrations

APPROVED

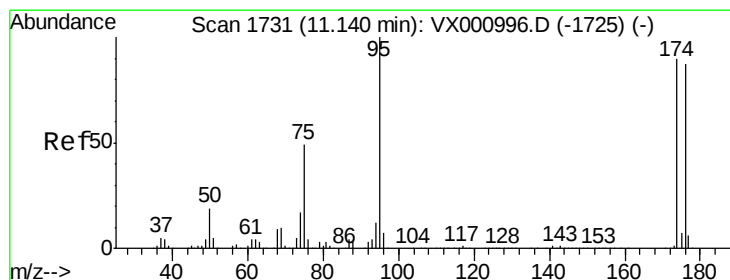
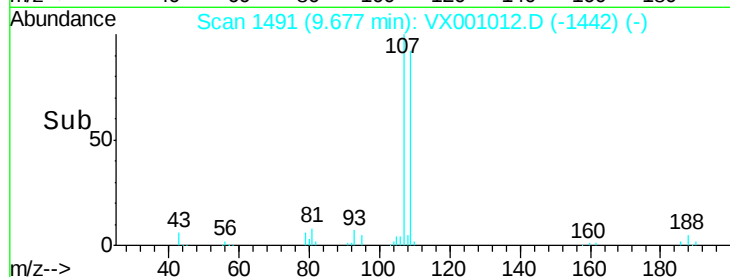
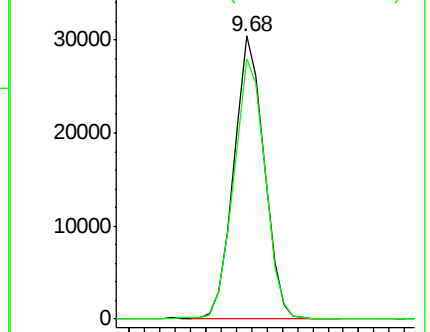
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.29 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

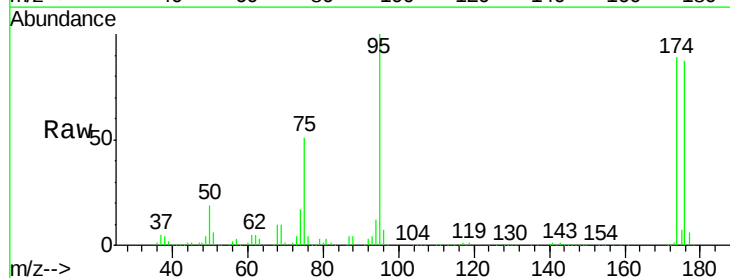
Tgt Ion: 95 Resp: 155544

Ion Ratio Lower Upper

95 100

174 97.6 0.0 198.4

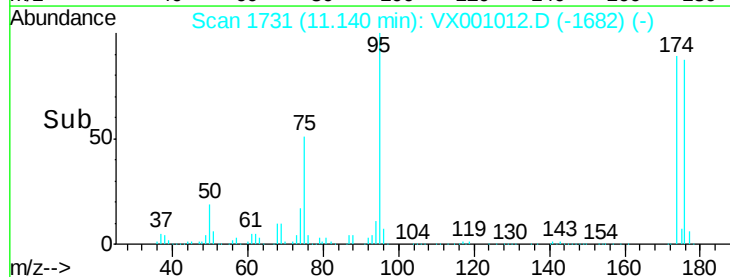
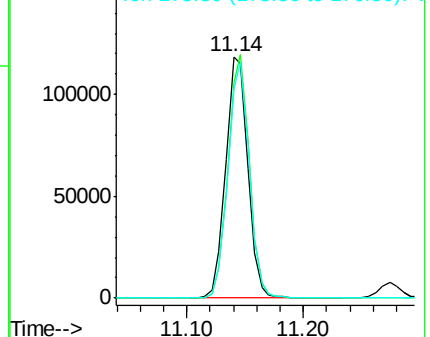
176 94.9 0.0 192.0

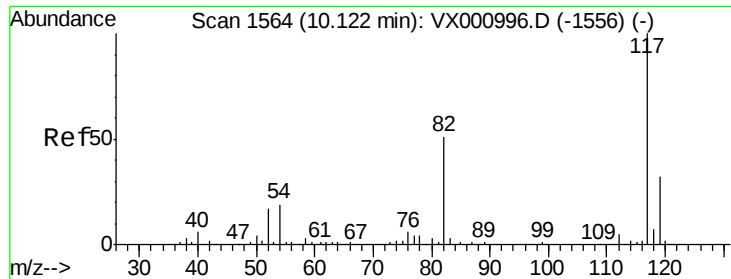


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





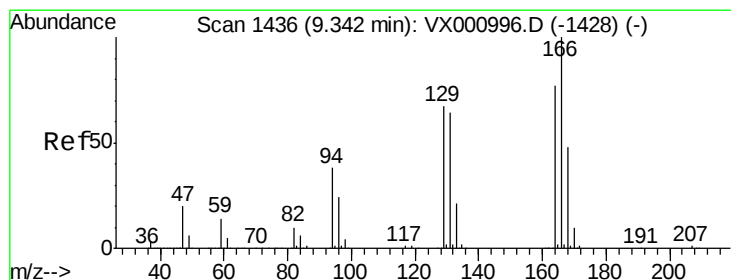
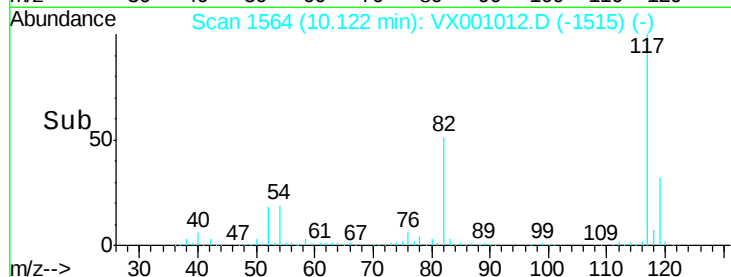
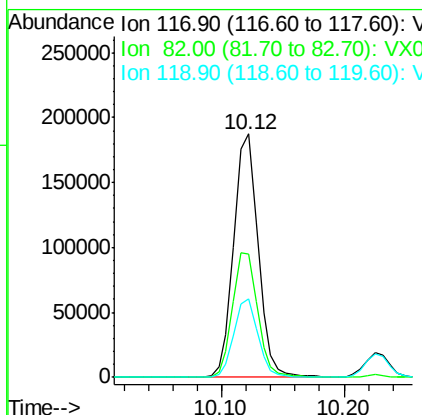
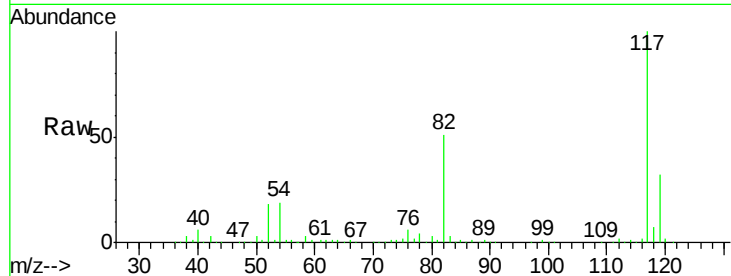
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	259725		
82	50.6	40.6	60.8	
119	32.1	26.0	39.0	

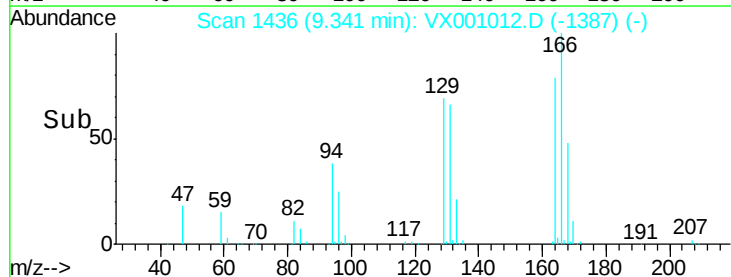
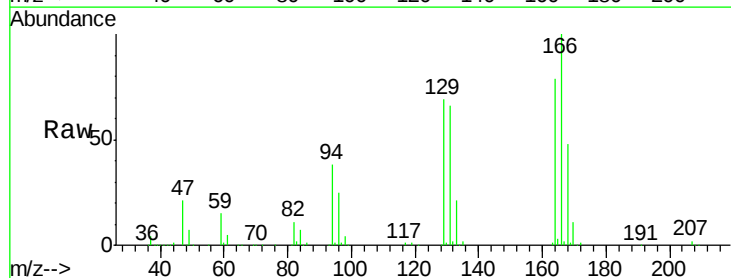
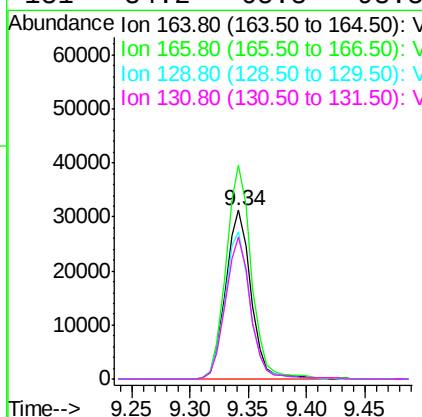
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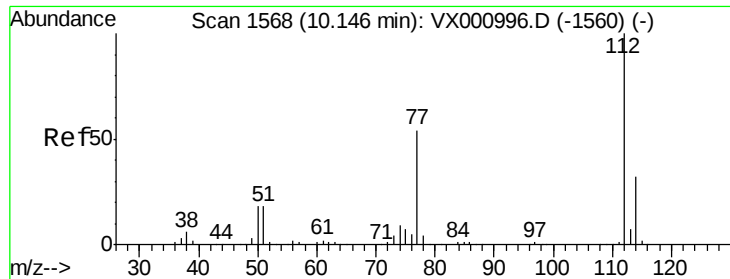
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#64
Tetrachloroethene
Concen: 17.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47181		
166	126.7	103.5	155.3	
129	87.5	69.6	104.4	
131	84.2	65.8	98.8	





#65

Chlorobenzene

Concen: 16.69 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion:112 Resp: 115401

Ion Ratio Lower Upper

112 100

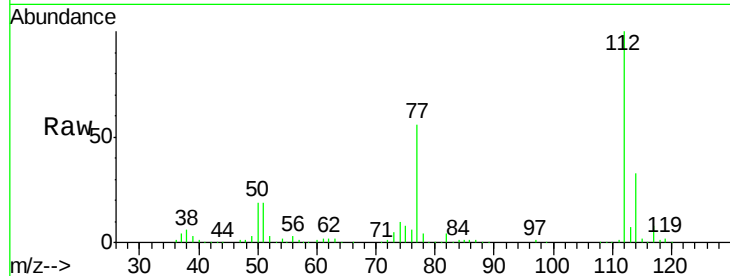
114 33.0 25.5 38.3

Manual Integrations

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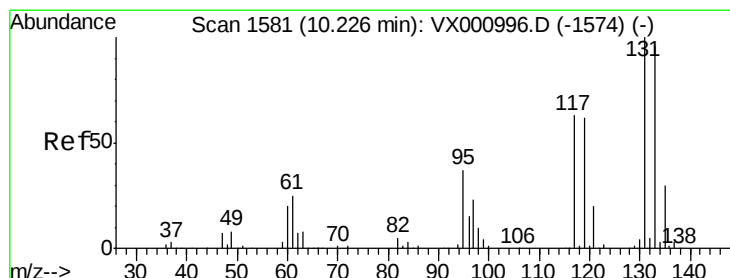
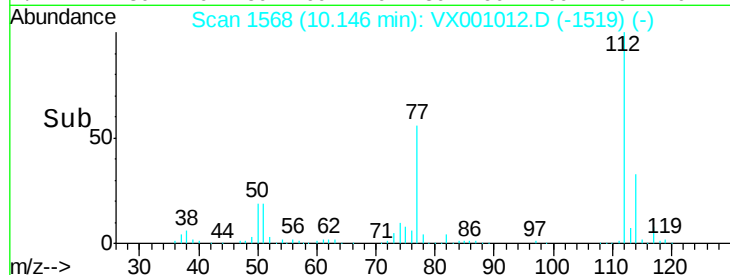
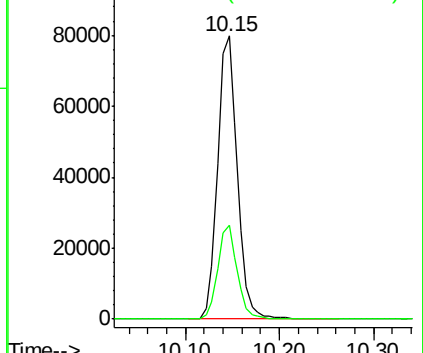
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.71 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

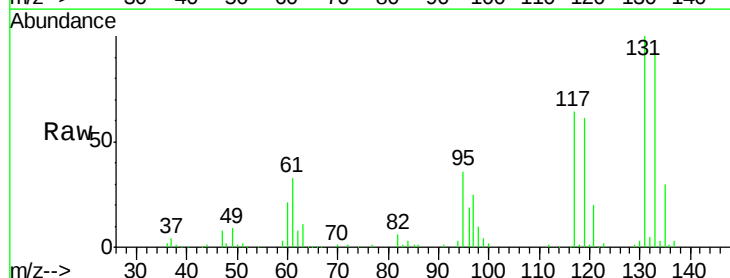
Tgt Ion:131 Resp: 39657

Ion Ratio Lower Upper

131 100

133 95.3 47.6 142.8

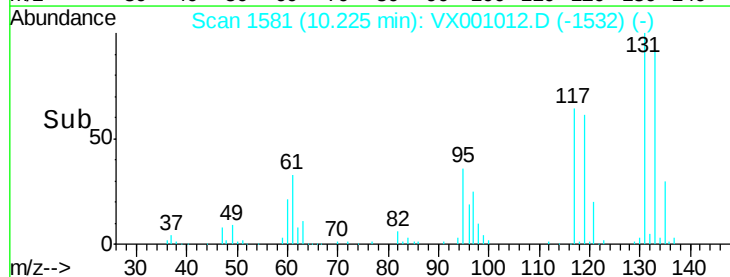
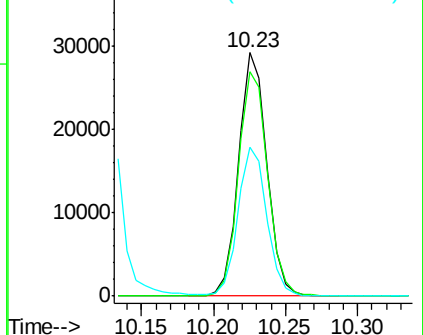
119 62.8 31.1 93.2

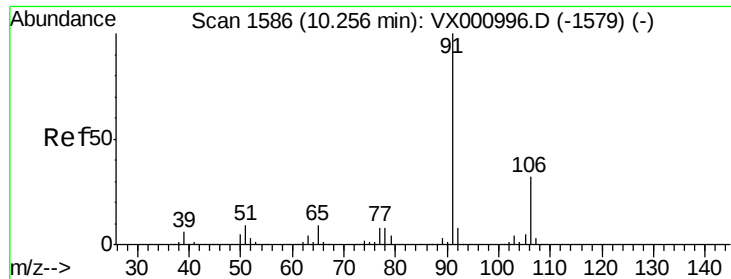


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 16.78 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 91 Resp: 192698

Ion Ratio Lower Upper

91 100

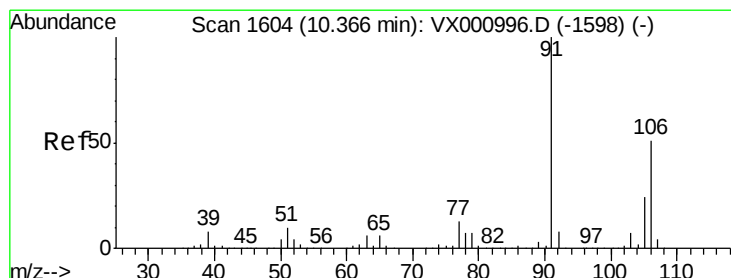
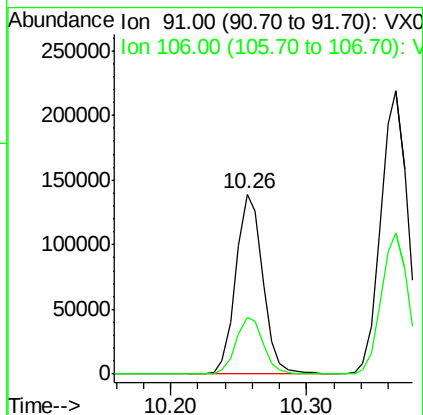
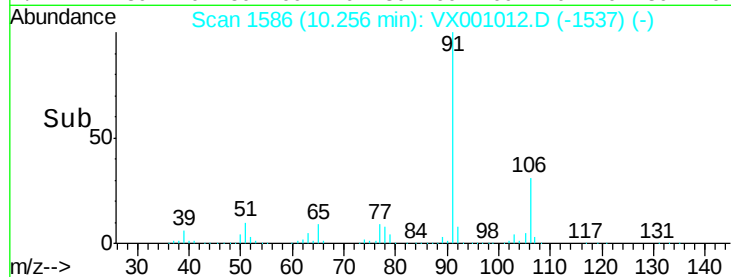
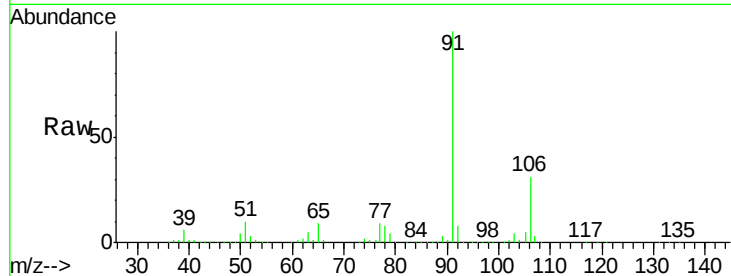
106 31.3 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 33.52 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001012.D

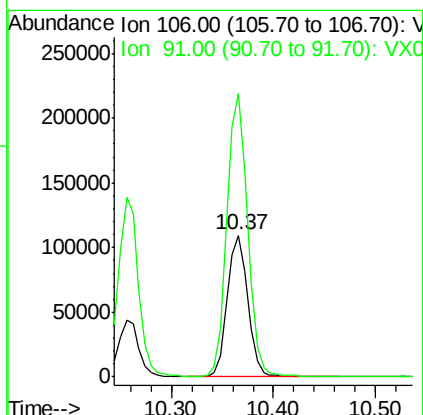
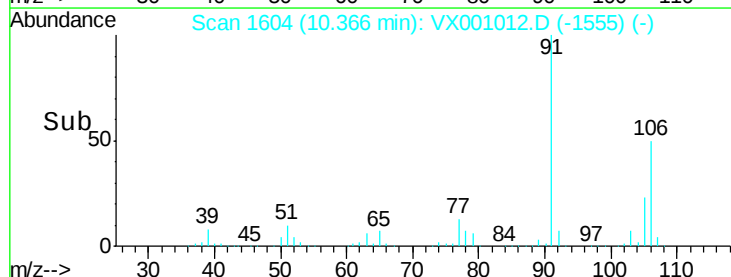
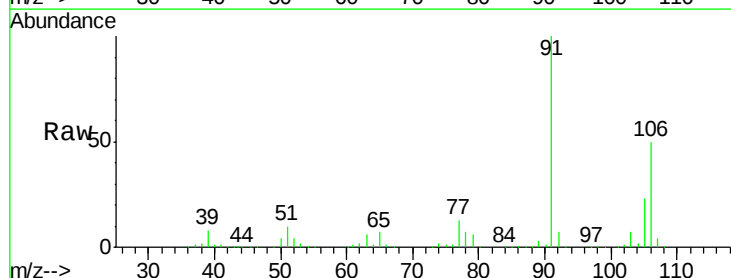
Acq: 20 Apr 2018 16:43

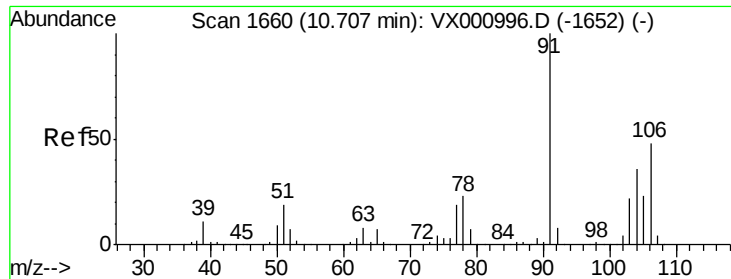
Tgt Ion: 106 Resp: 151722

Ion Ratio Lower Upper

106 100

91 202.2 159.3 238.9





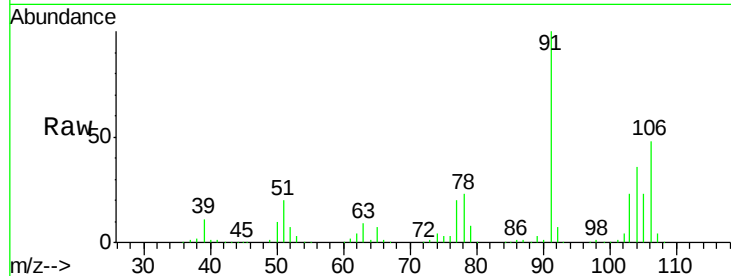
#69
o-Xylene
Concen: 16.53 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

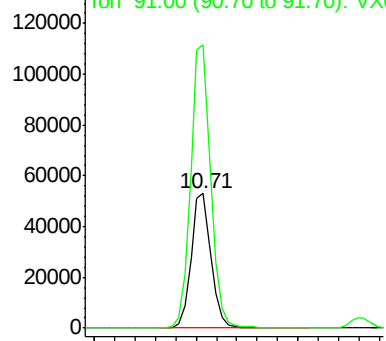
Tgt Ion:106 Resp: 72152
Ion Ratio Lower Upper
106 100
91 213.5 105.1 315.1

Manual Integrations
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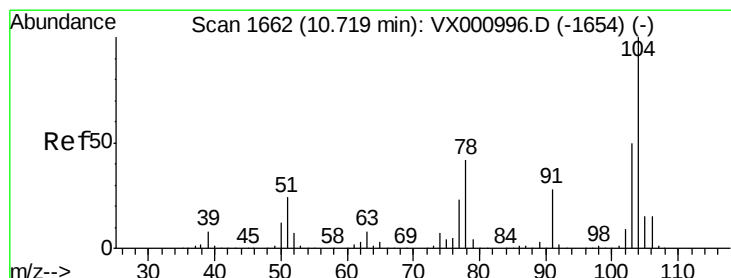
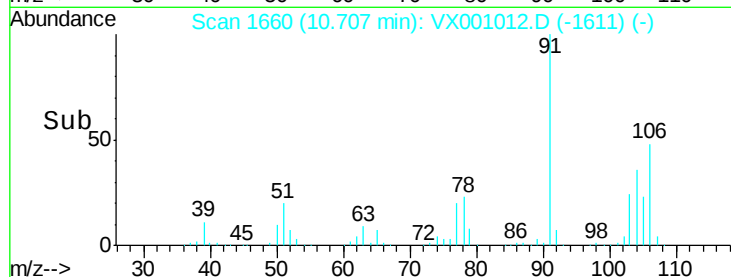
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

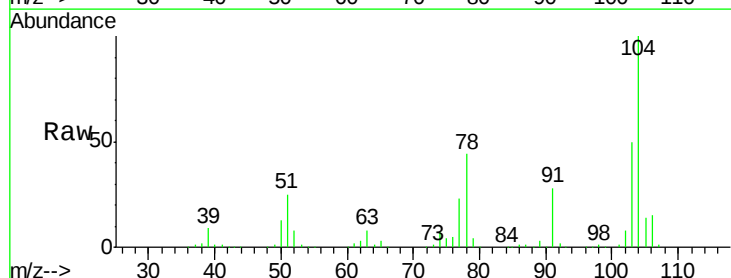


Time--> 10.60 10.70 10.80

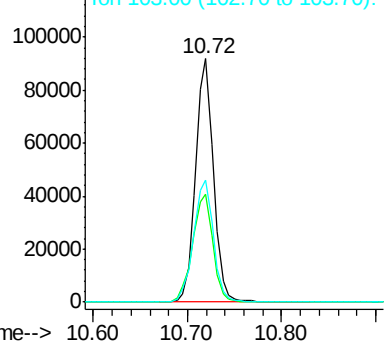


#70
Styrene
Concen: 16.82 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

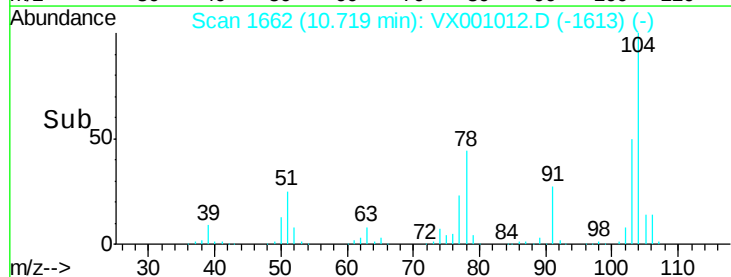
Tgt Ion:104 Resp: 120878
Ion Ratio Lower Upper
104 100
78 50.5 39.4 59.2
103 55.9 44.2 66.2

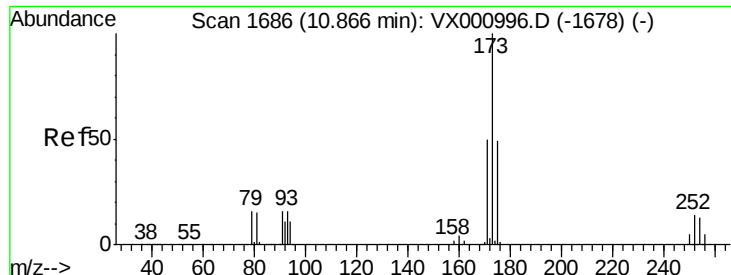


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





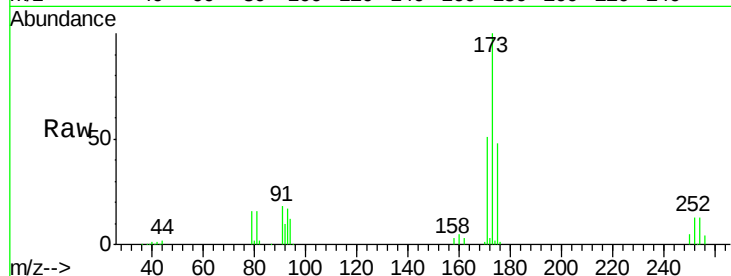
#71
Bromoform
Concen: 15.79 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

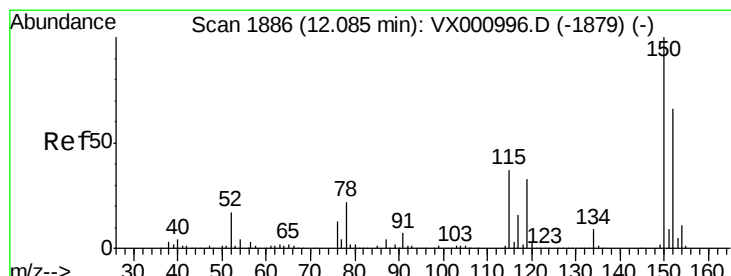
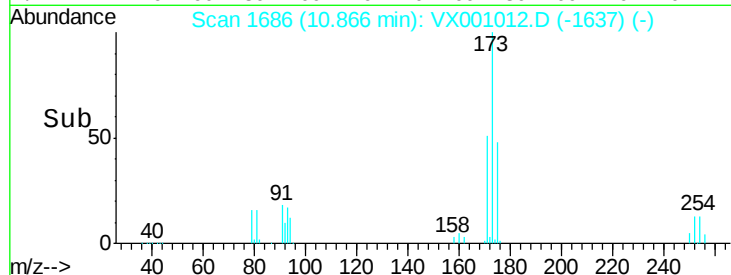
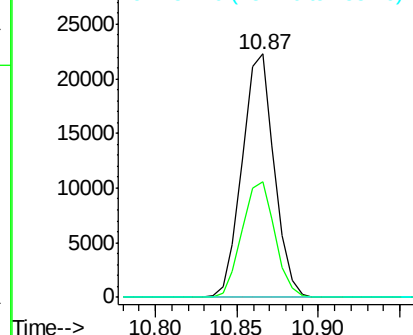
Tgt Ion:173 Resp: 30530
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.3
254 0.0 0.2 0.2#

Manual Integrations
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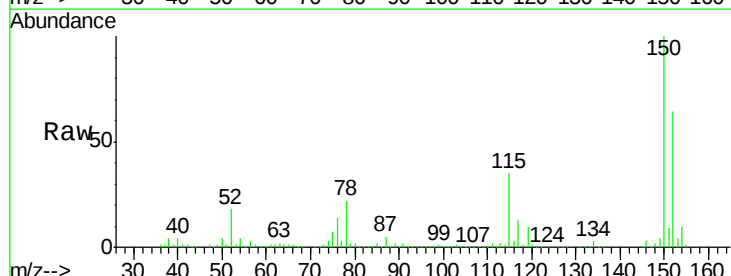


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

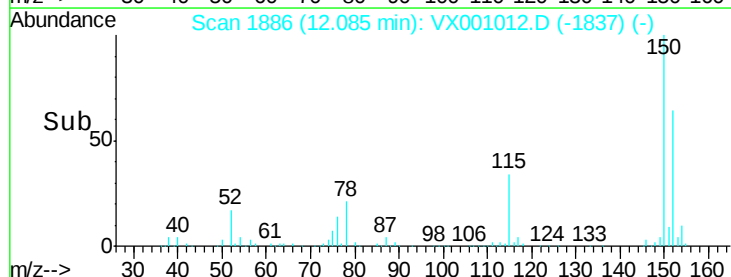
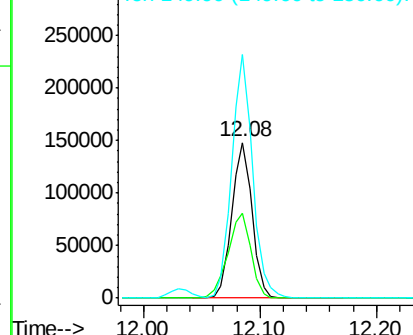


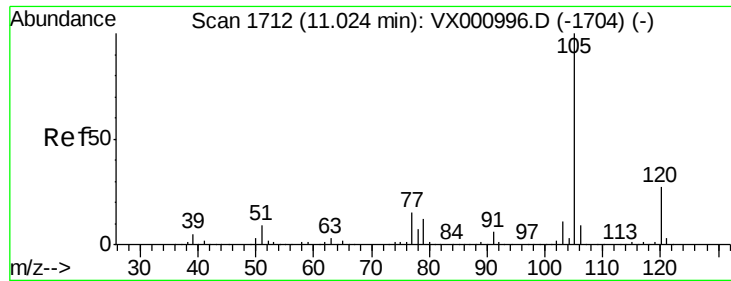
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Tgt Ion:152 Resp: 178472
Ion Ratio Lower Upper
152 100
115 61.8 38.2 114.6
150 161.6 0.0 350.4



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





#73

Isopropylbenzene

Concen: 17.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampled :

VX0420WBSD01

Tgt Ion: 105 Resp: 199611

Ion Ratio Lower Upper

105 100

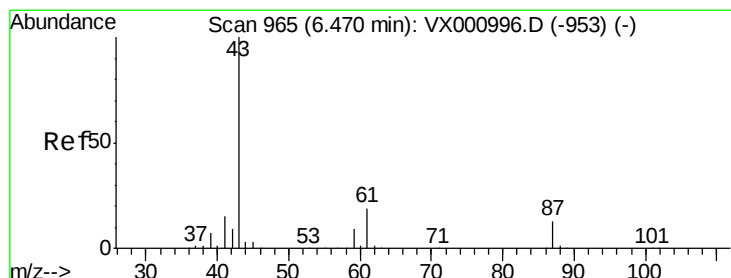
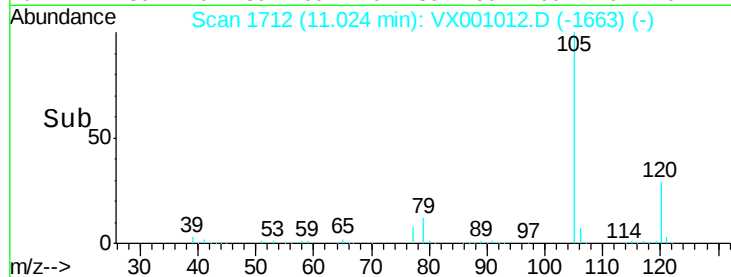
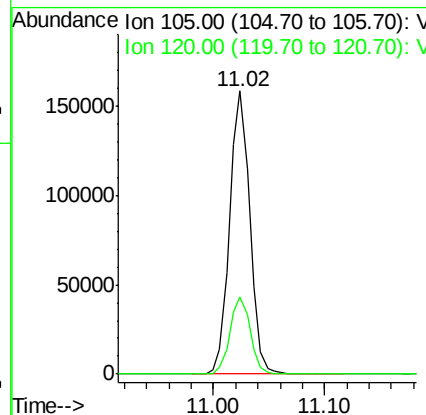
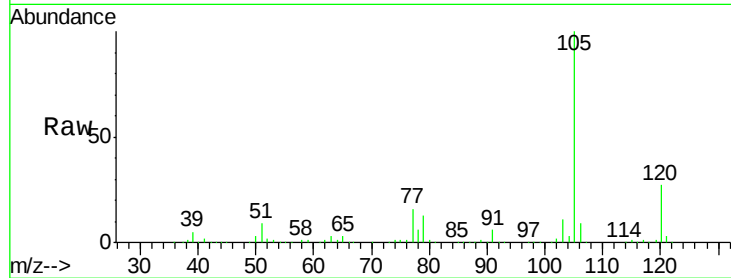
120 27.4 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 16.95 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Tgt Ion: 43 Resp: 84576

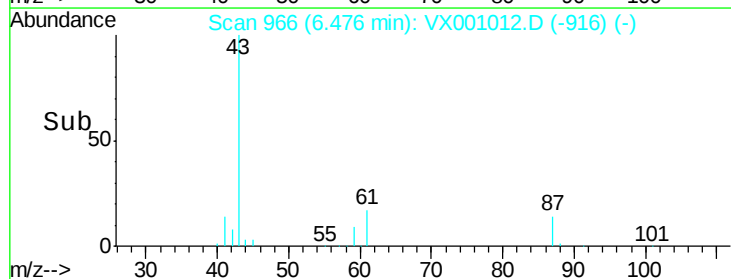
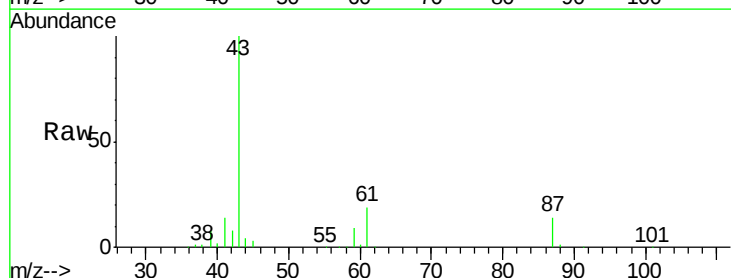
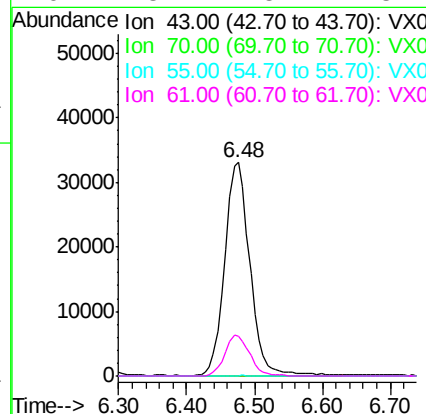
Ion Ratio Lower Upper

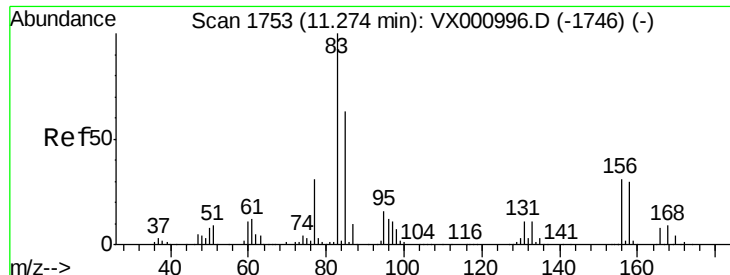
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.7 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

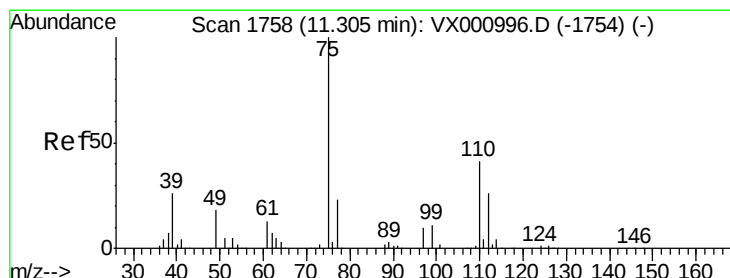
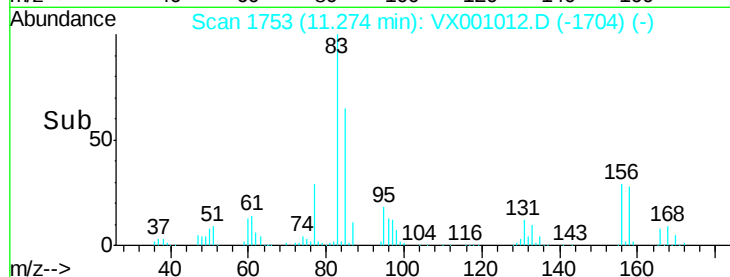
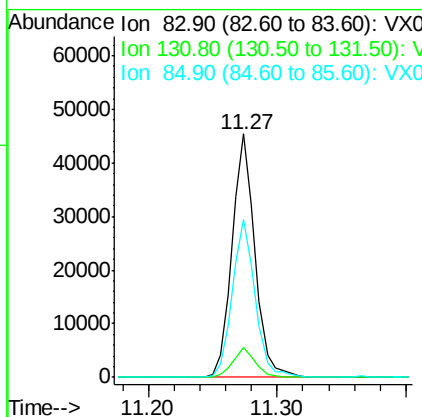
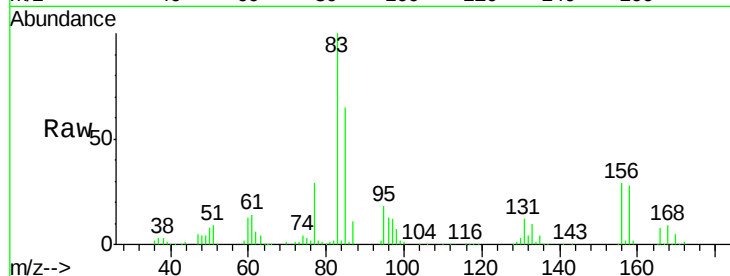
ClientSampleId :

VX0420WBSD01

Tgt Ion:	83	Resp:	56414
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.8	17.4
85	65.0	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.09 ug/l m

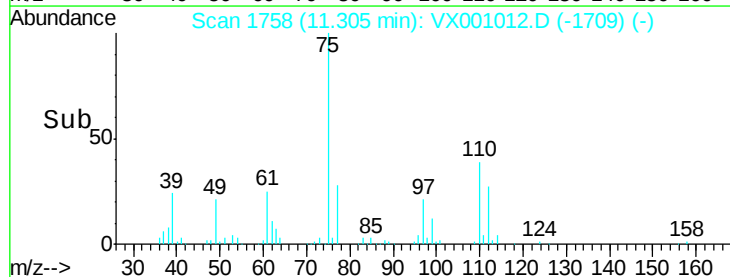
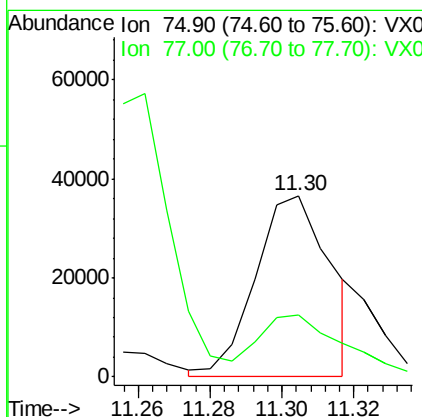
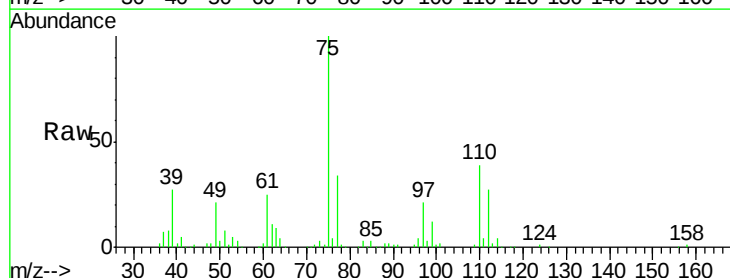
RT: 11.30 min Scan# 1758

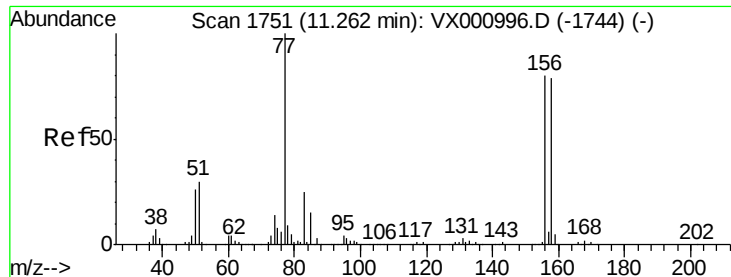
Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Tgt Ion:	75	Resp:	52913
Ion	Ratio	Lower	Upper
75	100		
77	38.9	19.6	58.7





#77

Bromobenzene

Concen: 17.17 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

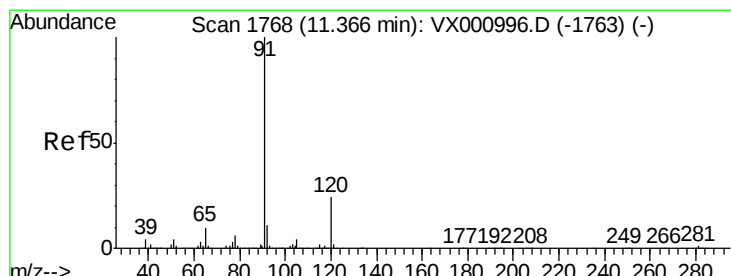
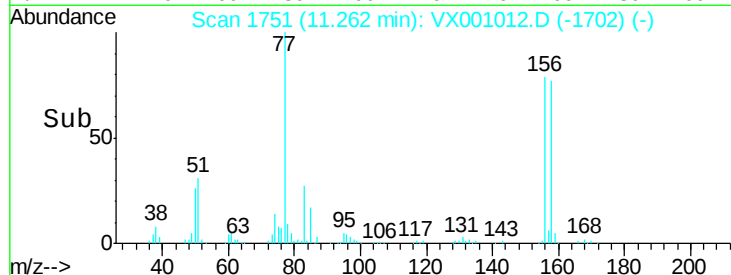
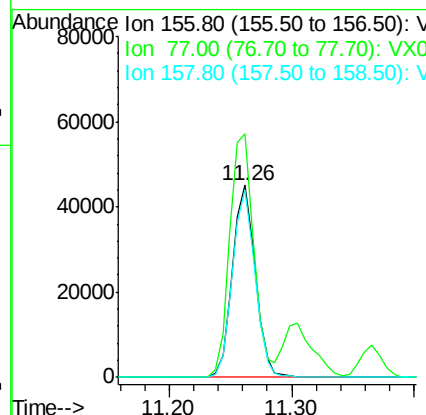
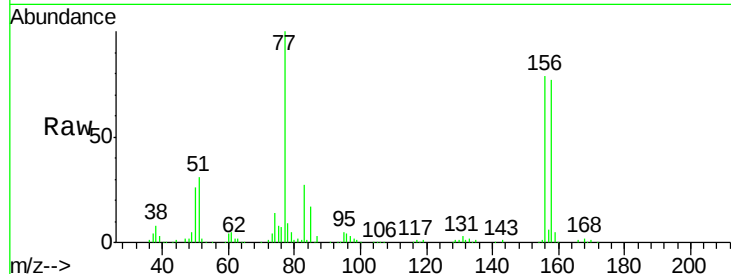
ClientSampleId :

VX0420WBSD01

Tgt Ion:	156	Resp:	58138
Ion Ratio	Lower	Upper	
156	100		
77	134.2	66.3	199.0
158	96.5	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 17.28 ug/l

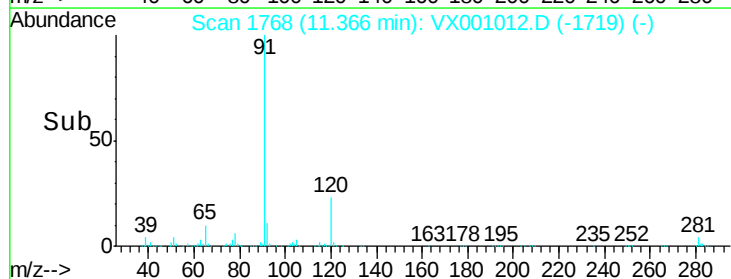
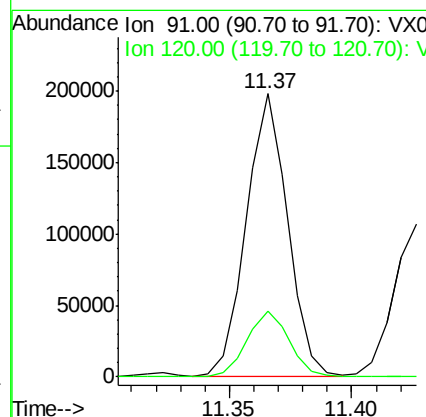
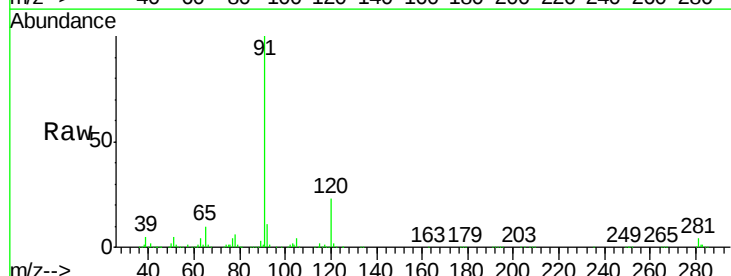
RT: 11.37 min Scan# 1768

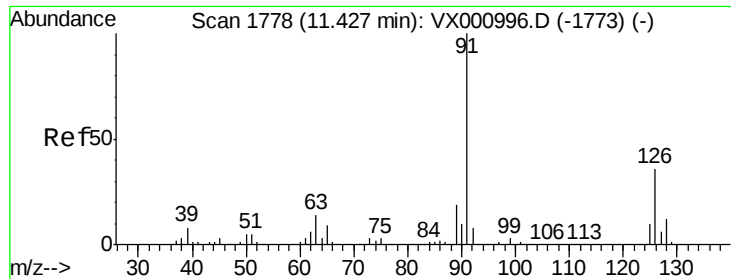
Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Tgt Ion:	91	Resp:	231434
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.4	37.0





#79

2-Chlorotoluene

Concen: 16.97 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tgt Ion: 91 Resp: 134281

Ion Ratio Lower Upper

91 100

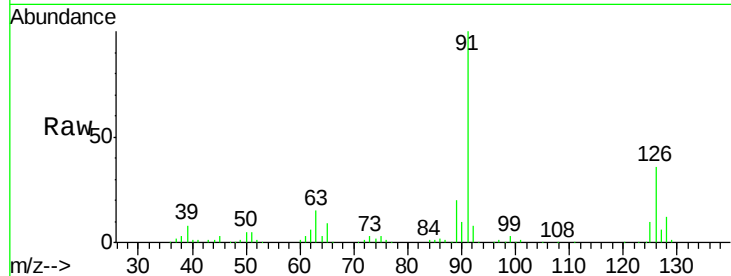
126 36.0 18.3 54.9

Manual Integrations

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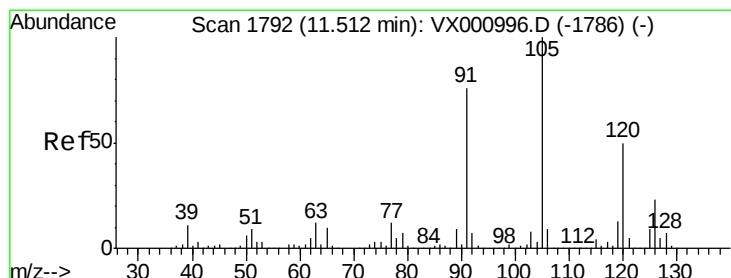
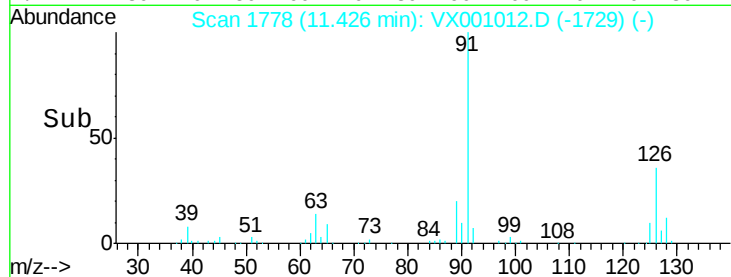
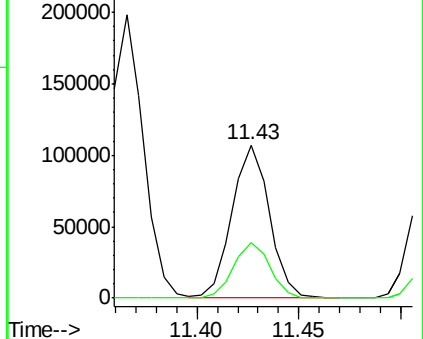
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001012.D

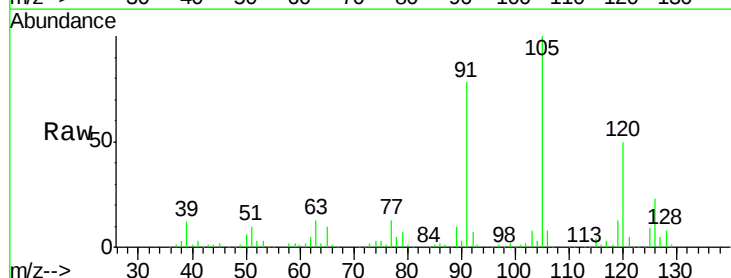
Acq: 20 Apr 2018 16:43

Tgt Ion: 105 Resp: 169722

Ion Ratio Lower Upper

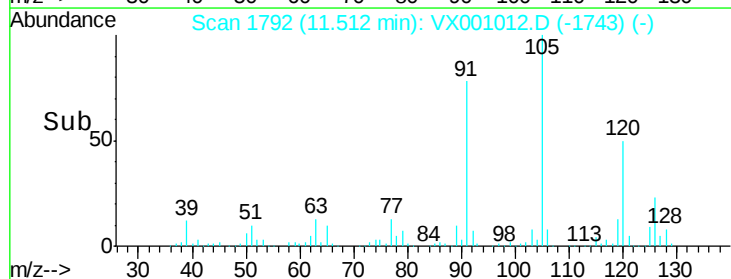
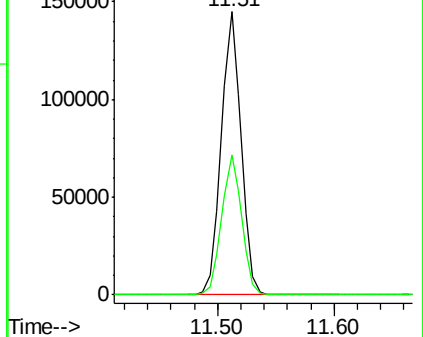
105 100

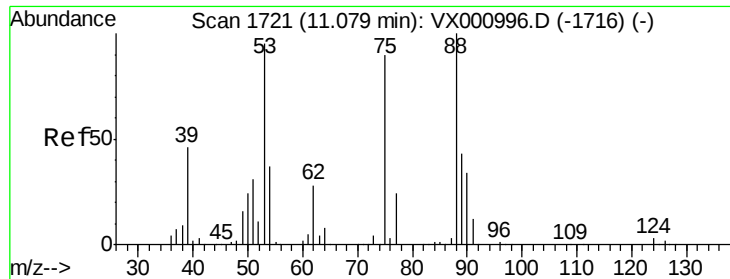
120 49.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





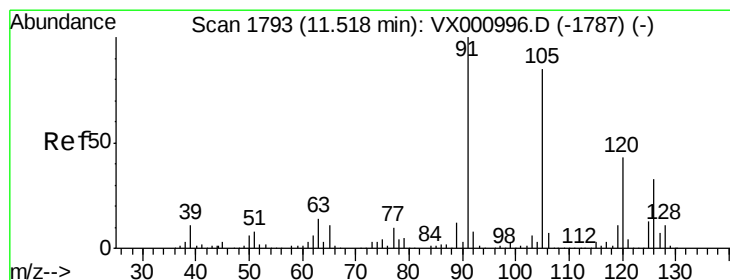
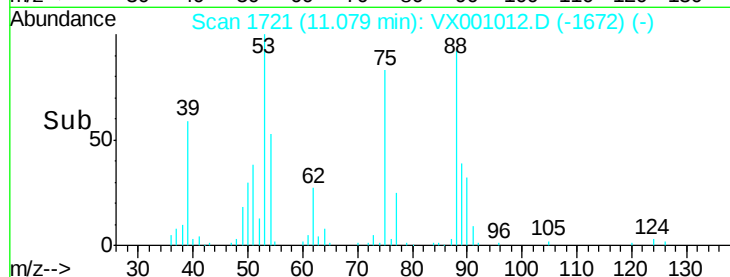
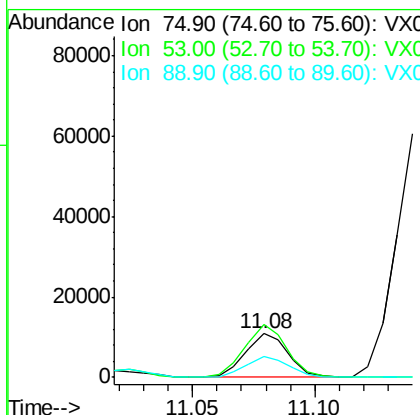
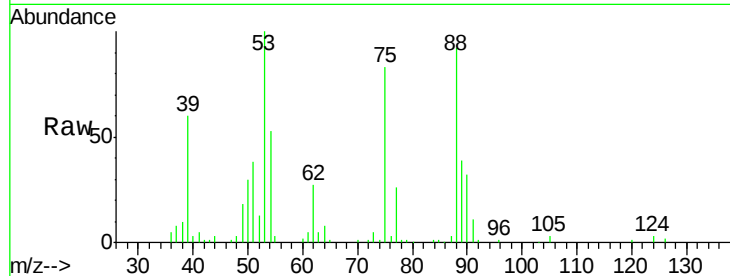
#81
trans-1,4-Dichloro-2-butene
Concen: 15.31 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion: 75 Resp: 13024
Ion Ratio Lower Upper
75 100
53 121.2 83.4 125.2
89 49.2 39.7 59.5

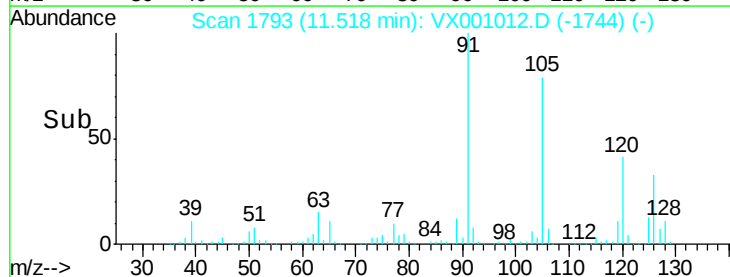
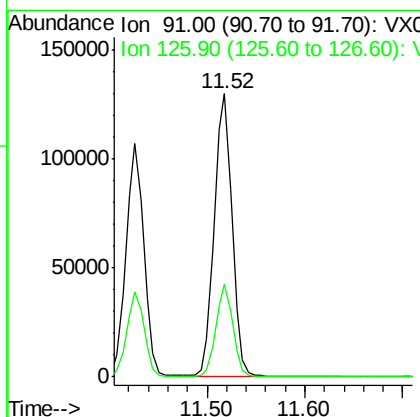
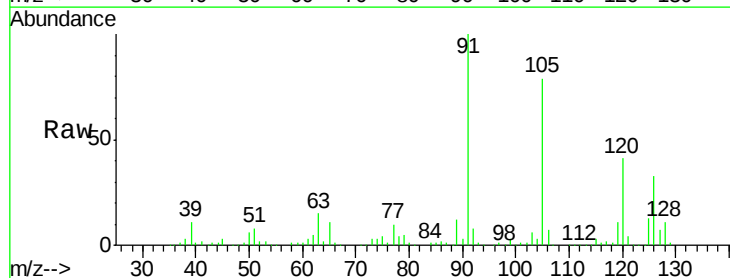
Manual Integrations
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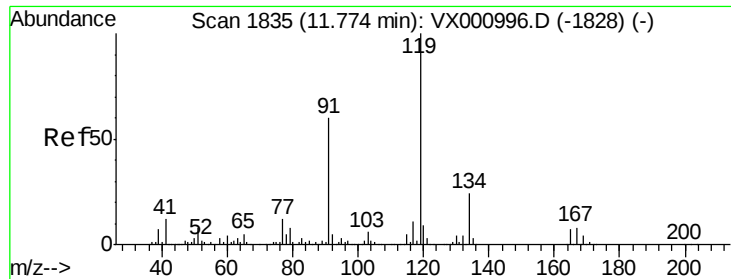
MMDadoda
4/23/2018 1:27:41 PM



#82
4-Chlorotoluene
Concen: 17.26 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Tgt Ion: 91 Resp: 165054
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.5





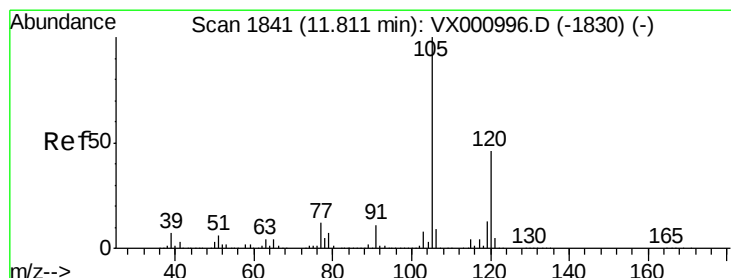
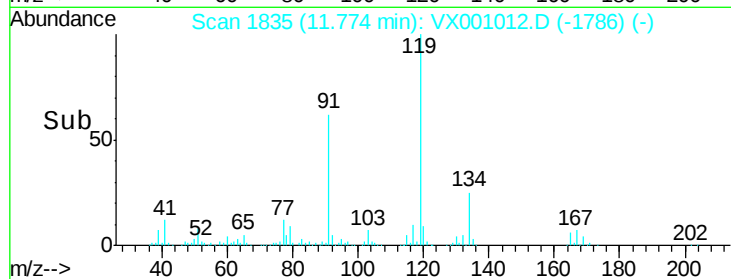
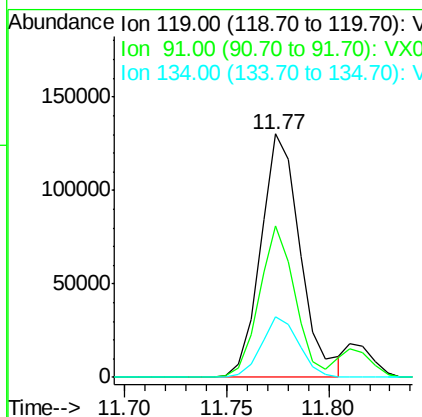
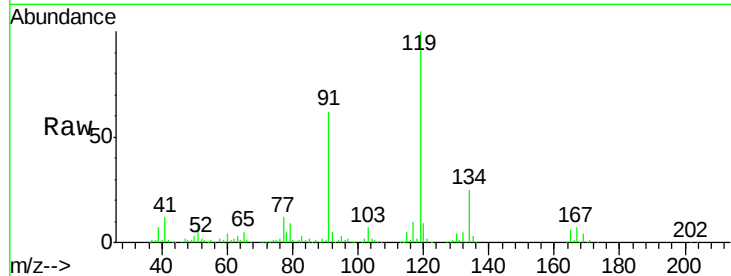
#83
 tert-Butylbenzene
 Concen: 17.57 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	175311		
91	56.3	27.0	81.0	
134	23.6	11.6	34.7	

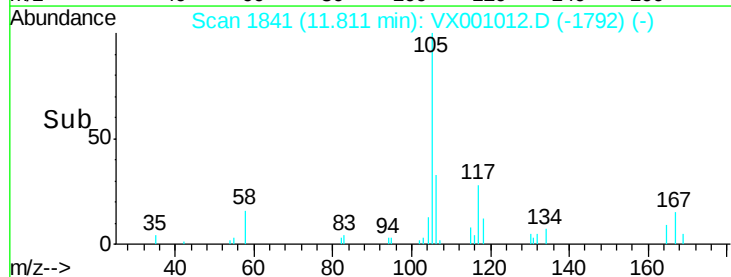
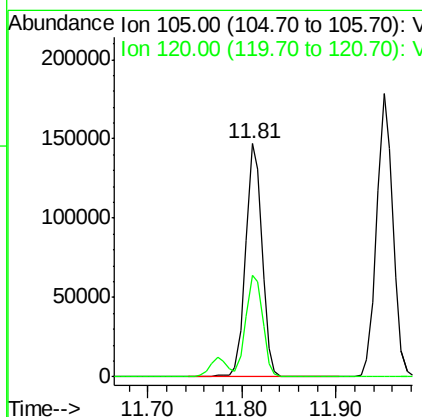
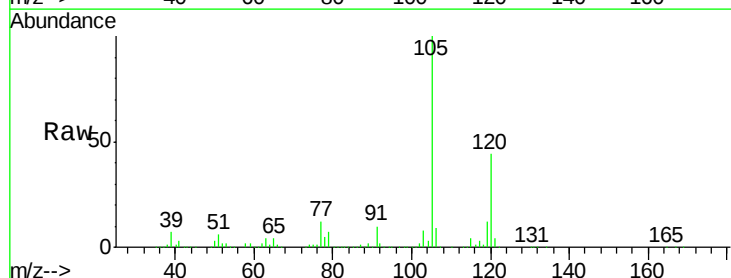
Manual Integrations
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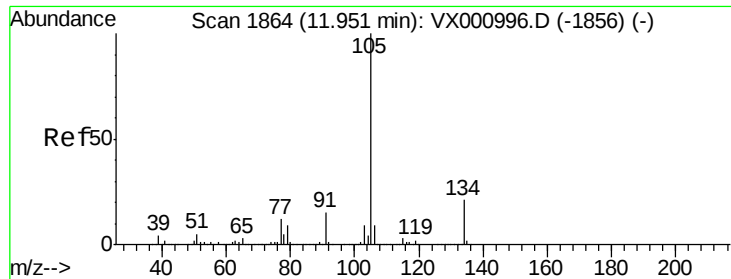
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.51 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	178194		
120	44.8	23.0	69.0	





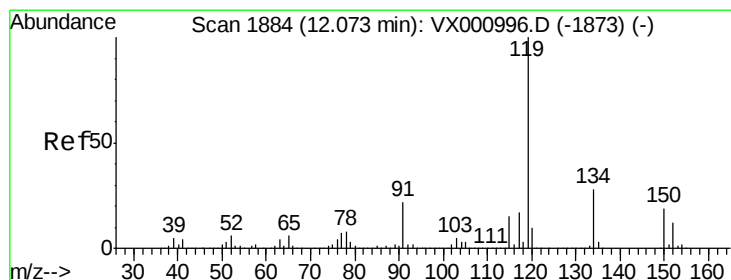
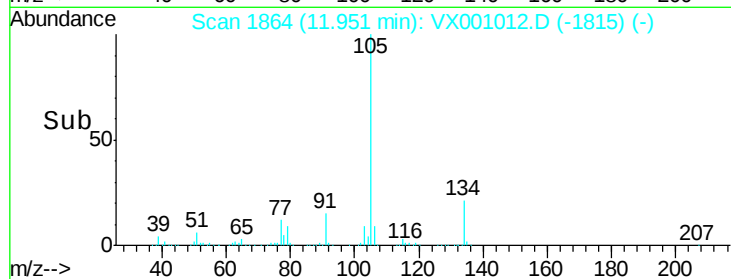
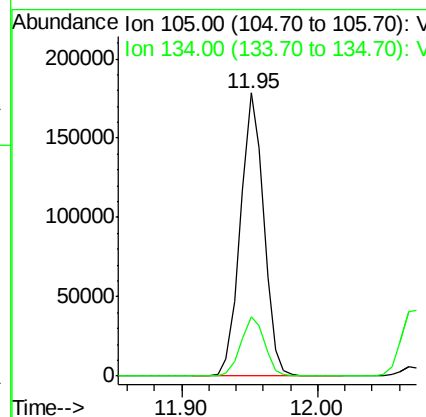
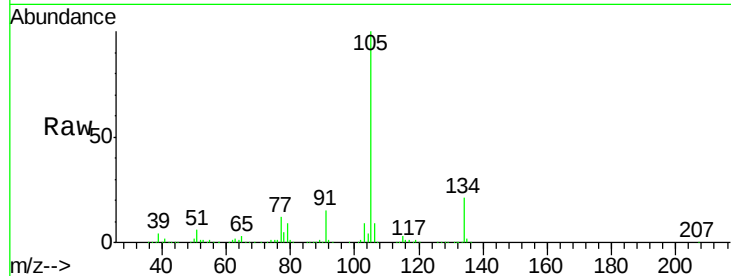
#85
 sec-Butylbenzene
 Concen: 17.92 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.5	31.6

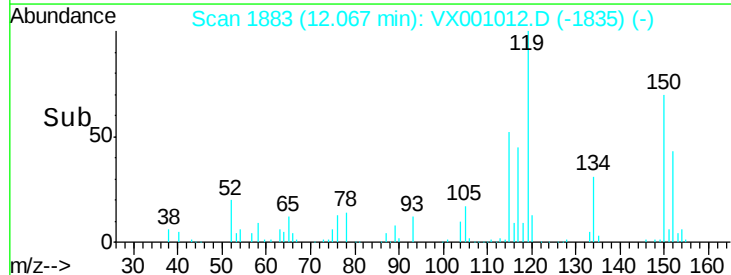
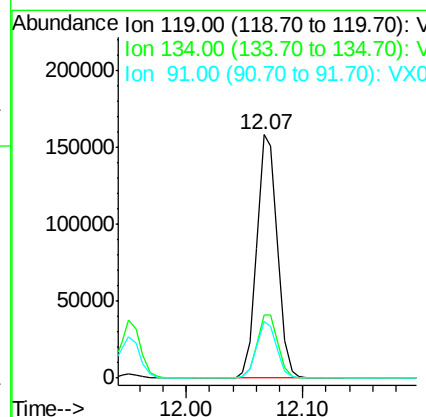
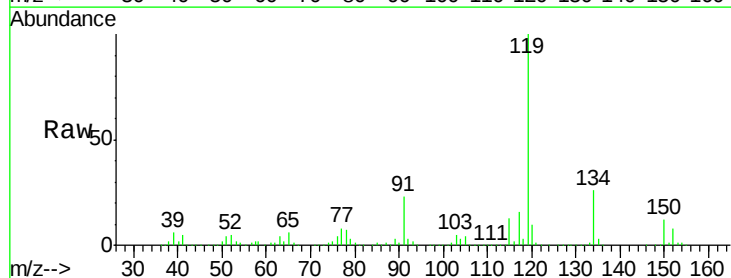
Manual Integrations
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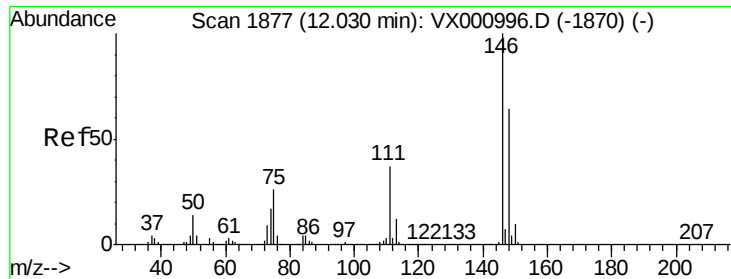
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#86
 p-Isopropyltoluene
 Concen: 17.69 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.5	40.5
91	22.9	11.4	34.1





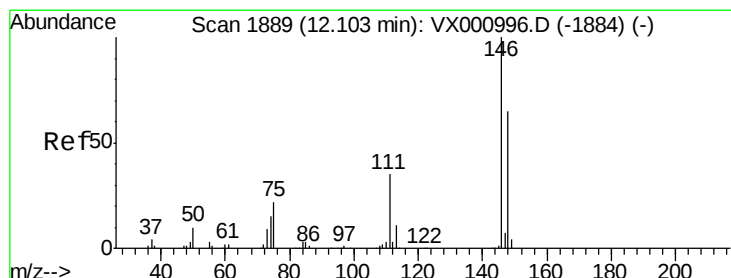
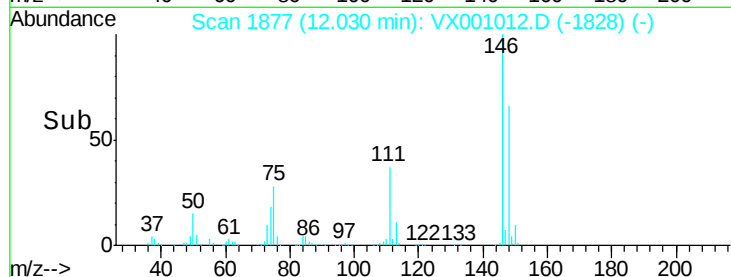
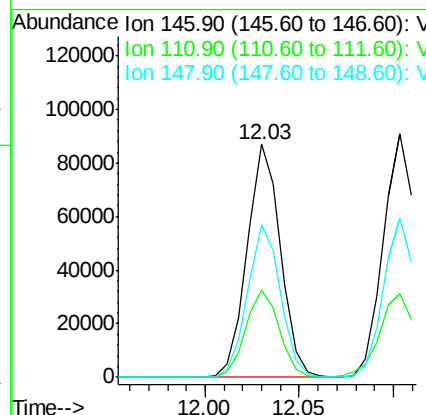
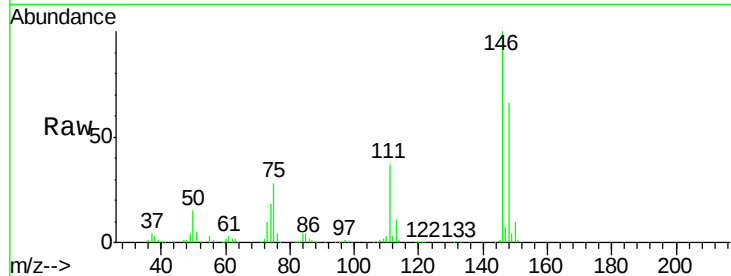
#87
 1,3-Dichlorobenzene
 Concen: 16.83 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.3	54.8
148	65.3	32.2	96.6

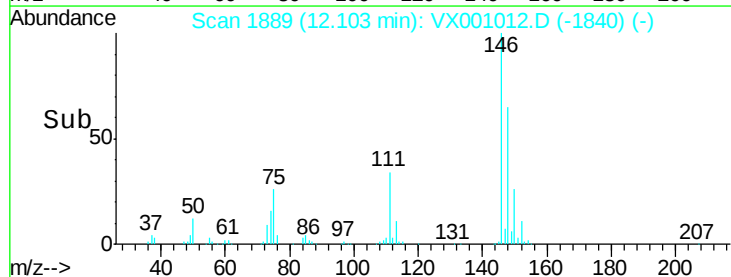
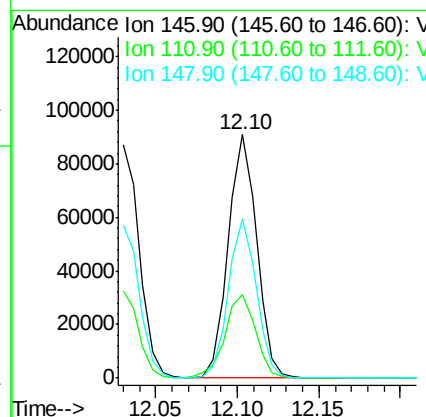
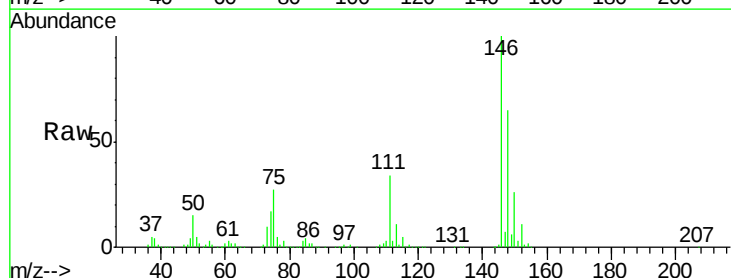
Manual Integrations
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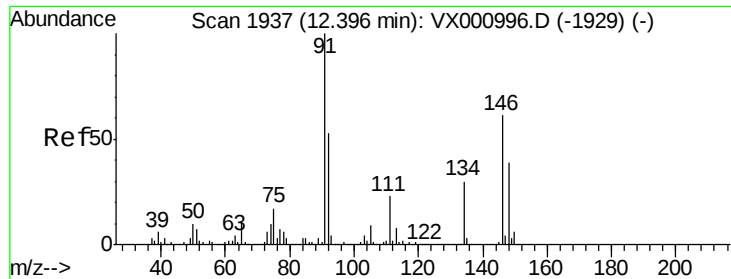
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 17.00 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.0	54.0
148	64.6	32.4	97.0





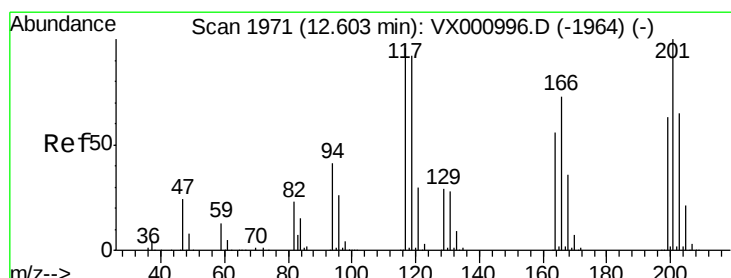
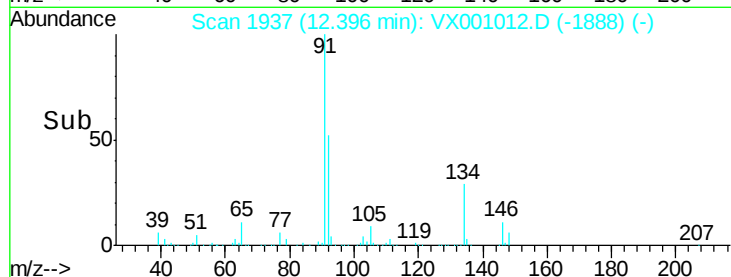
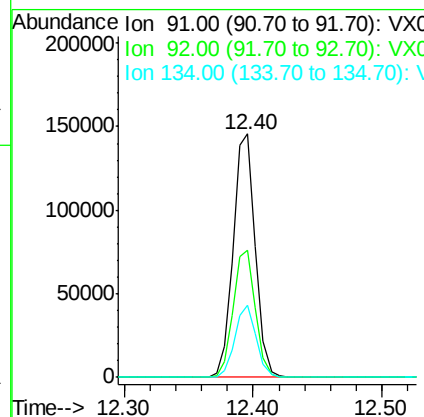
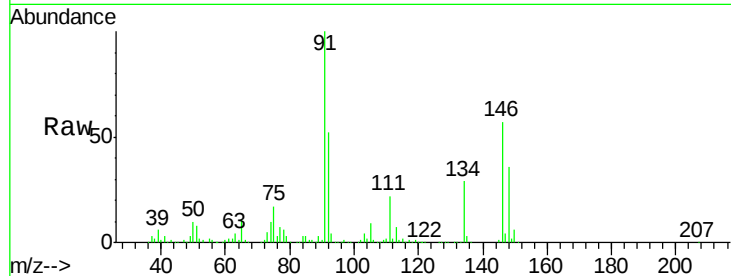
#89
n-Butylbenzene
Concen: 17.89 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

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

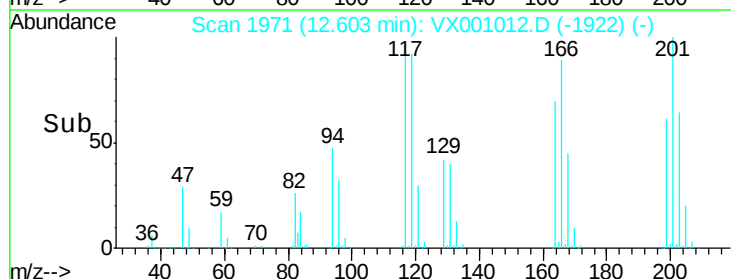
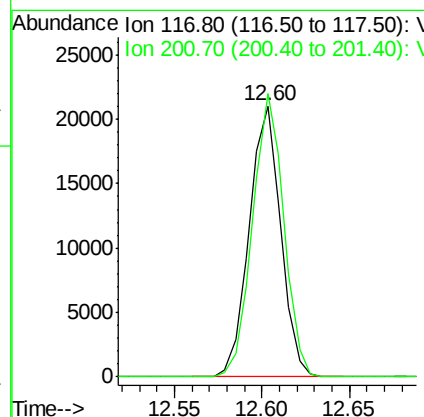
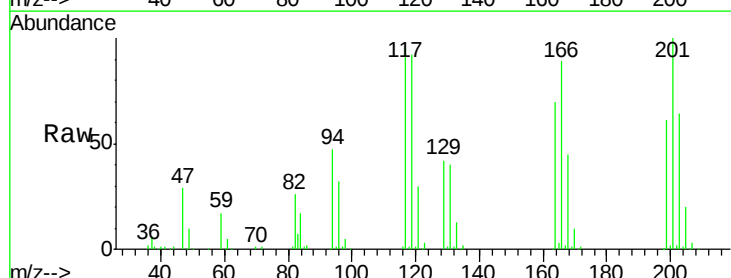
Manual Integrations
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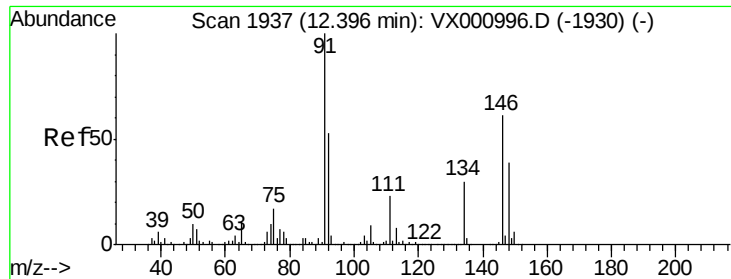
MMDadoda
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#90
Hexachloroethane
Concen: 16.84 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.3	52.3	157.1





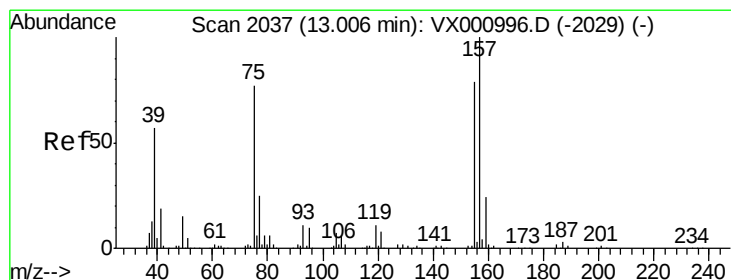
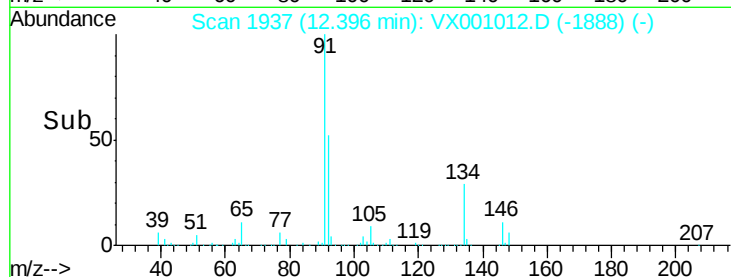
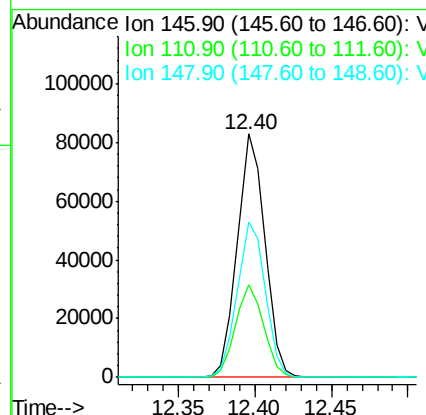
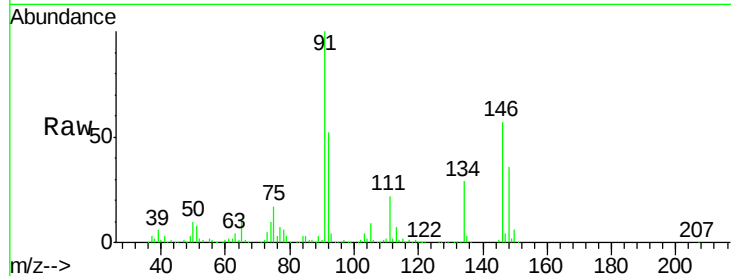
#91
 1,2-Dichlorobenzene
 Concen: 17.00 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	56.0
148	64.6	32.3	96.8

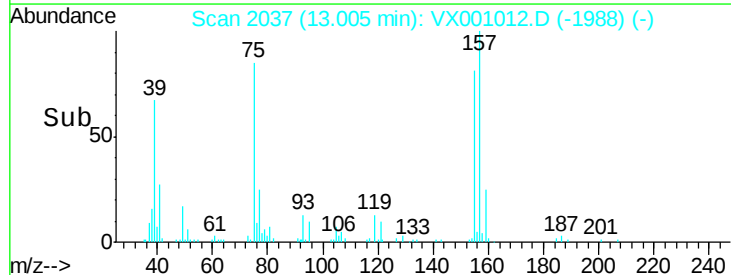
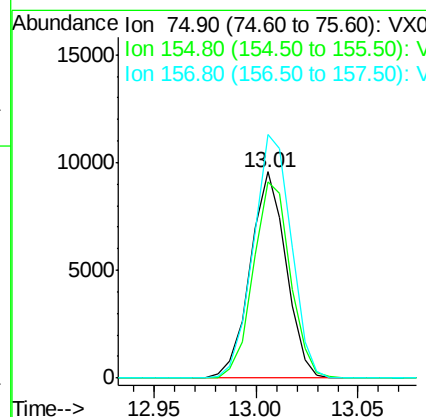
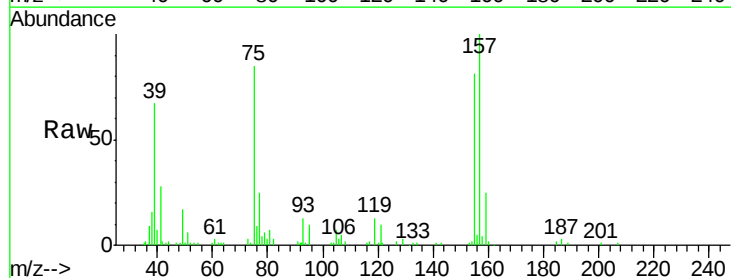
Manual Integrations
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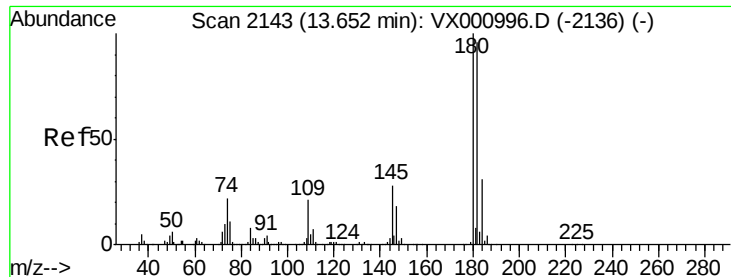
MMDadoda
 4/23/2018 1:27:41 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.85 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001012.D
 Acq: 20 Apr 2018 16:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	51.0	153.0
157	125.5	64.9	194.7





#93

1,2,4-Trichlorobenzene

Concen: 17.39 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Instrument :

MSVOA_X

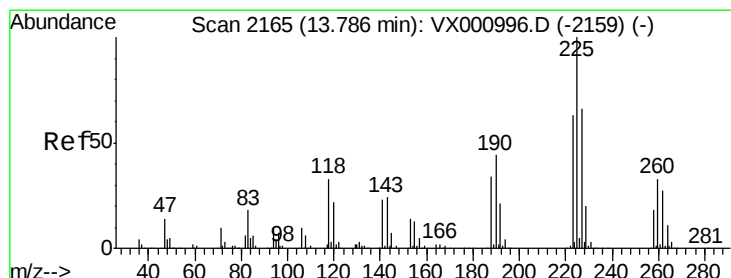
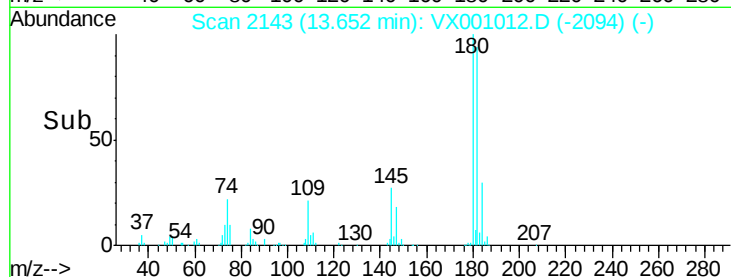
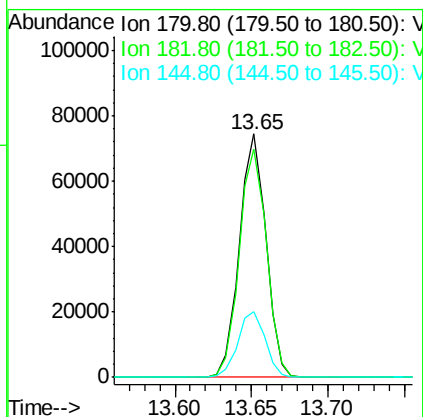
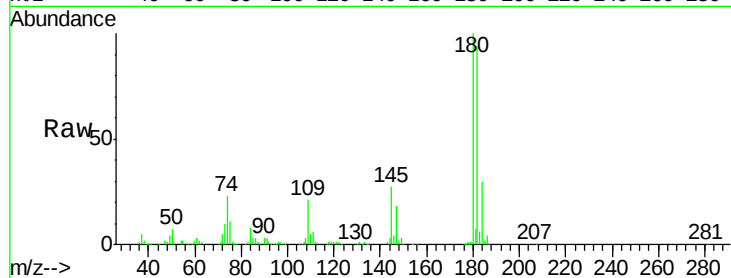
ClientSampleId :

VX0420WBSD01

Tgt Ion:	180	Resp:	89615
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.0	144.0
145	28.0	13.9	41.7

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#94

Hexachlorobutadiene

Concen: 16.72 ug/l

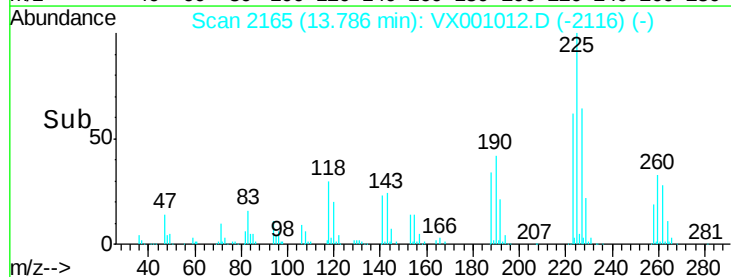
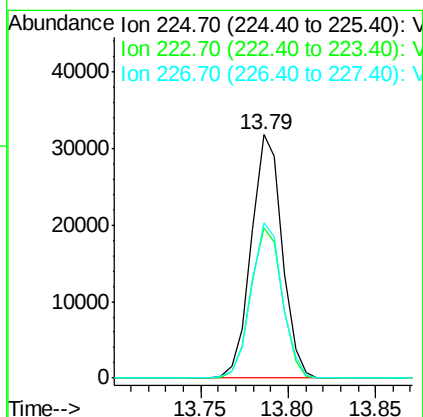
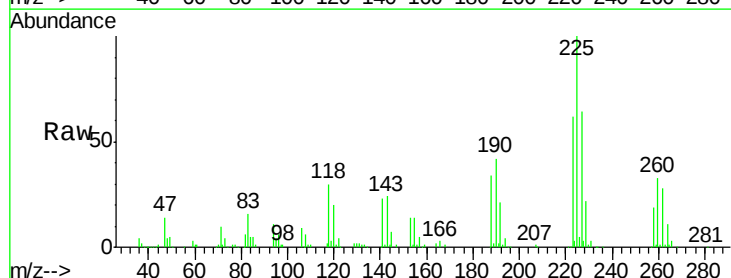
RT: 13.79 min Scan# 2165

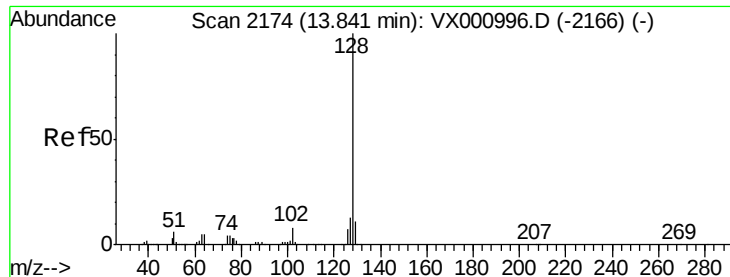
Delta R.T. -0.00 min

Lab File: VX001012.D

Acq: 20 Apr 2018 16:43

Tgt Ion:	225	Resp:	38978
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.5	94.5
227	64.1	32.6	97.8





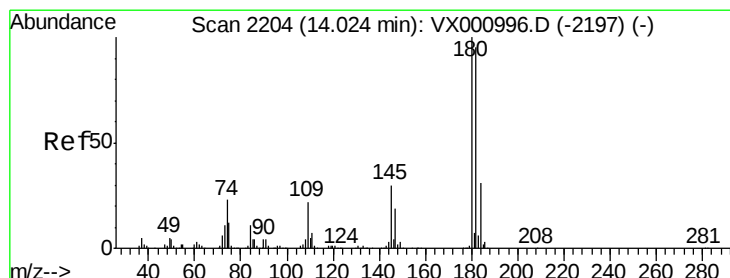
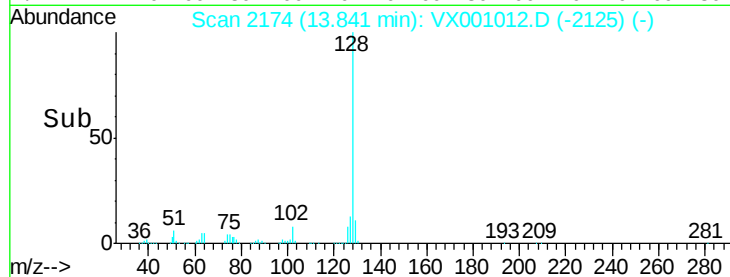
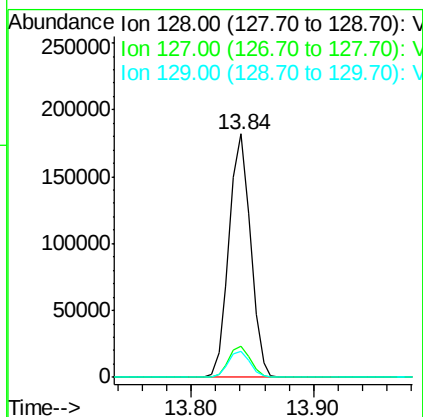
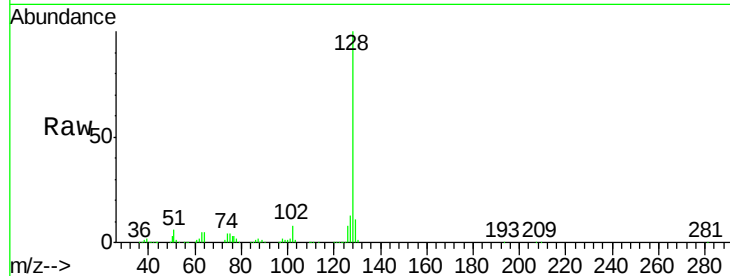
#95
Naphthalene
Concen: 17.46 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tgt Ion:	128	Resp:	221286
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.79 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001012.D
Acq: 20 Apr 2018 16:43

Tgt Ion:	180	Resp:	88662
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.9	143.7
145	28.6	14.5	43.6

