

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000921.D
 Acq On : 16 Apr 2018 16:15
 Operator : JC/MD
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Manual Integrations
 APPROVED

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 4/18/2018 2:45:06 PM

Quant Time: Apr 16 17:12:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336888	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215574	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	157140	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
35) Dibromofluoromethane	5.51	113	130685	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	8.72	98	478796	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.15	95	195229	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	54935	20.14	ug/l	99
3) Chloromethane	1.32	50	47885	20.48	ug/l	98
4) Vinyl Chloride	1.40	62	55360	21.05	ug/l	97
5) Bromomethane	1.64	94	35649	32.25	ug/l	98
6) Chloroethane	1.73	64	34678	21.75	ug/l	96
7) Trichlorofluoromethane	1.93	101	83932	21.15	ug/l	97
8) Diethyl Ether	2.19	74	32172	21.70	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49864	21.31	ug/l	99
10) Methyl Iodide	2.51	142	27758	20.96	ug/l	99
11) Tert butyl alcohol	3.07	59	51333	94.90	ug/l	98
12) 1,1-Dichloroethene	2.38	96	45994	20.74	ug/l	99
13) Acrolein	2.29	56	28203	107.37	ug/l	100
14) Allyl chloride	2.73	41	85567	20.87	ug/l	99
15) Acrylonitrile	3.15	53	131533	114.06	ug/l	99
16) Acetone	2.45	43	116612	110.99	ug/l	98
17) Carbon Disulfide	2.57	76	110939	16.52	ug/l	99
18) Methyl Acetate	2.78	43	67847	24.95	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	165395	22.39	ug/l	99
20) Methylene Chloride	2.86	84	52669	21.55	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50367	20.60	ug/l	99
22) Diisopropyl ether	3.88	45	174755	23.19	ug/l	99
23) Vinyl Acetate	3.83	43	733396	110.84	ug/l	98
24) 1,1-Dichloroethane	3.70	63	95153	22.50	ug/l	99
25) 2-Butanone	4.71	43	193079	111.29	ug/l	99
26) 2,2-Dichloropropane	4.59	77	81354	19.38	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60229	21.70	ug/l	99
28) Bromochloromethane	5.03	49	34939	20.52	ug/l	98
29) Tetrahydrofuran	5.18	42	121152	109.98	ug/l	99
30) Chloroform	5.22	83	99729	22.27	ug/l	99
31) Cyclohexane	5.59	56	81426	20.28	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	89557	21.00	ug/l	99
36) 1,1-Dichloropropene	5.81	75	75069	20.23	ug/l	99
37) Ethyl Acetate	4.87	43	76019	20.99	ug/l	99
38) Carbon Tetrachloride	5.79	117	76013	18.30	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0416WBS01

Manual Integrations
 APPROVED

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 4/18/2018 2:45:06 PM

Quant Time: Apr 16 17:12:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	83907	18.83	ug/l	99
40) Benzene	6.15	78	214587	20.82	ug/l	99
41) Methacrylonitrile	5.07	41	44900	21.46	ug/l	99
42) 1,2-Dichloroethane	6.21	62	82100	21.32	ug/l	100
43) Isopropyl Acetate	6.48	43	127378	20.51	ug/l	100
44) Trichloroethene	7.22	130	64869	20.23	ug/l	98
45) 1,2-Dichloropropane	7.52	63	54146	20.63	ug/l	99
46) Dibromomethane	7.67	93	37797	20.65	ug/l	99
47) Bromodichloromethane	7.91	83	70442	19.07	ug/l	98
48) Methyl methacrylate	7.79	41	67303	20.91	ug/l	98
49) 1,4-Dioxane	7.76	88	22262	344.16	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	396563	108.72	ug/l	99
52) Toluene	8.79	92	141904	20.75	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	86293	19.48	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	80874	18.74	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	57064	21.02	ug/l	99
56) Ethyl methacrylate	9.19	69	85608	20.44	ug/l	99
57) 1,3-Dichloropropane	9.38	76	94327	21.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	220196	112.52	ug/l	99
59) 2-Hexanone	9.51	43	297714	105.72	ug/l	100
60) Dibromochloromethane	9.59	129	59669	18.37	ug/l	100
61) 1,2-Dibromoethane	9.68	107	61374	21.31	ug/l	99
64) Tetrachloroethene	9.34	164	67416	21.60	ug/l	98
65) Chlorobenzene	10.15	112	167613	20.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	59186	19.58	ug/l	99
67) Ethyl Benzene	10.26	91	277746	20.74	ug/l	100
68) m/p-Xylenes	10.37	106	218367	41.32	ug/l	99
69) o-Xylene	10.71	106	106041	20.82	ug/l	100
70) Styrene	10.72	104	178319	20.77	ug/l	100
71) Bromoform	10.87	173	46881	16.75	ug/l	100
73) Isopropylbenzene	11.02	105	287236	21.00	ug/l	100
74) N-amyl acetate	6.48	43	127378	20.68	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84655	21.33	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	89073m	23.96	ug/l	
77) Bromobenzene	11.26	156	83038	20.72	ug/l	99
78) n-propylbenzene	11.37	91	323985	20.71	ug/l	100
79) 2-Chlorotoluene	11.43	91	192769	20.85	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	242541	20.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21613	15.99	ug/l	90
82) 4-Chlorotoluene	11.52	91	231318	20.73	ug/l	100
83) tert-Butylbenzene	11.77	119	247295	20.55	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	250963	20.67	ug/l	99
85) sec-Butylbenzene	11.95	105	293010	20.64	ug/l	99
86) p-Isopropyltoluene	12.07	119	269867	20.39	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	152976	20.62	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156898	20.64	ug/l	99
89) n-Butylbenzene	12.40	91	236070	20.20	ug/l	100
90) Hexachloroethane	12.60	117	36972	16.51	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	150703	21.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17099	17.20	ug/l	98

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

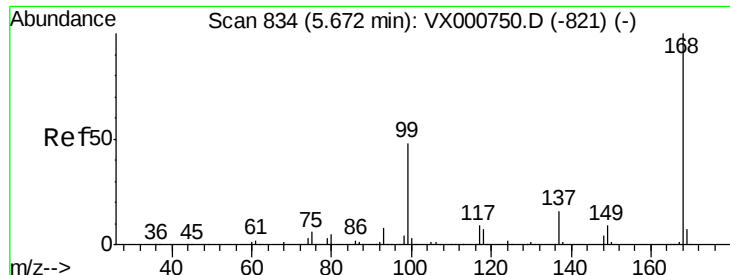
Manual Integrations
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4/18/2018 2:45:06 PM

Quant Time: Apr 16 17:12:17 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	125432	20.53	ug/l	100
94) Hexachlorobutadiene	13.79	225	52791	17.57	ug/l	99
95) Naphthalene	13.84	128	324632	20.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	122489	20.64	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:168 Resp: 241627

Ion Ratio Lower Upper

168 100

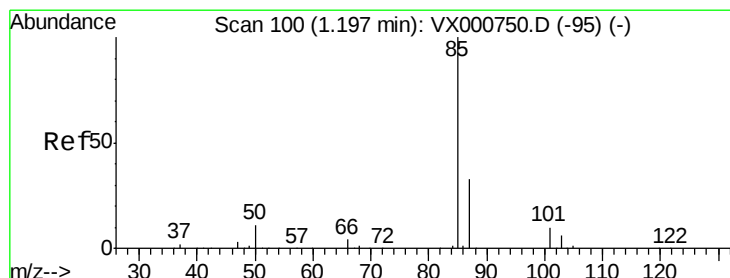
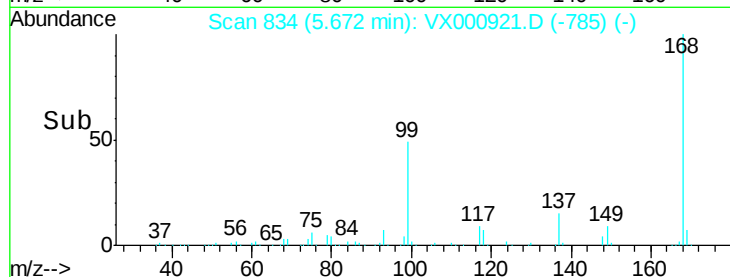
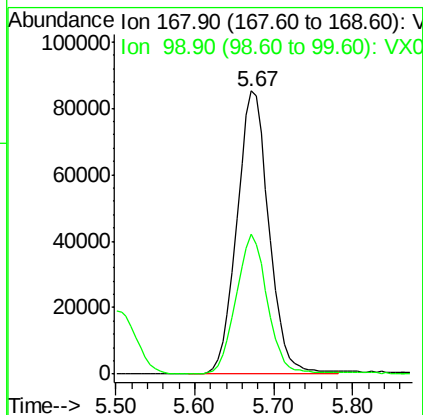
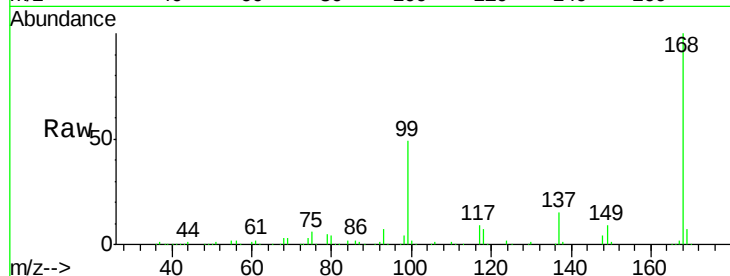
99 49.4 38.3 57.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.14 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000921.D

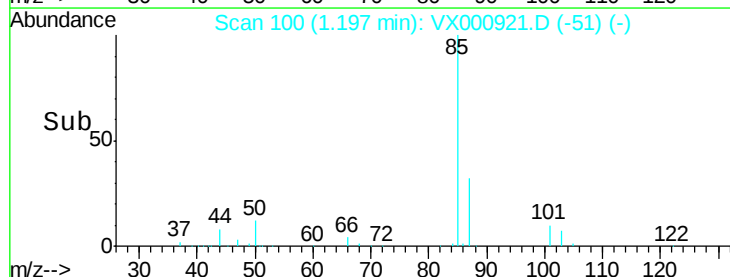
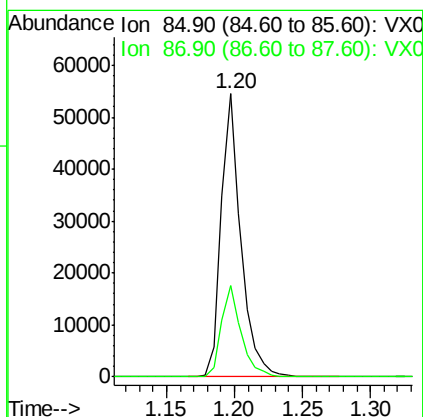
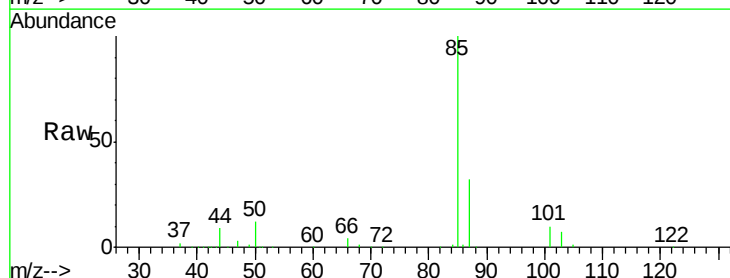
Acq: 16 Apr 2018 16:15

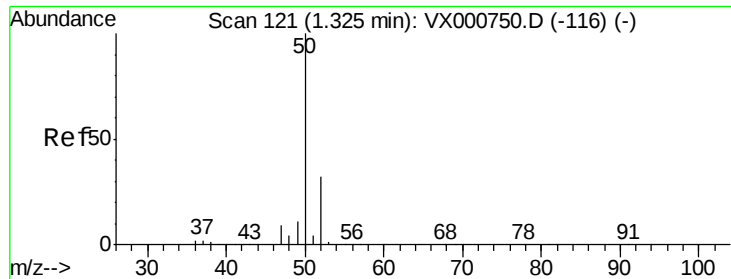
Tgt Ion: 85 Resp: 54935

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.8





#3

Chloromethane

Concen: 20.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 50 Resp: 47885

Ion Ratio Lower Upper

50 100

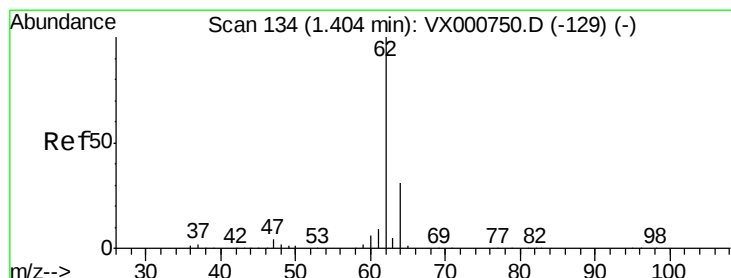
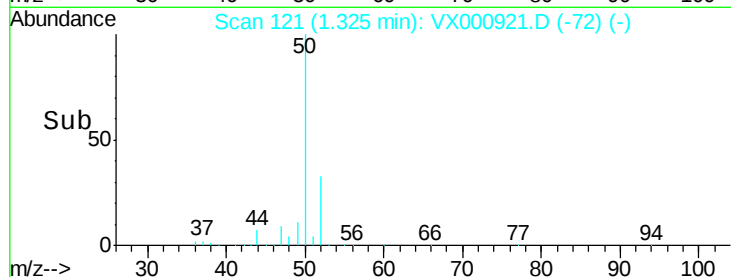
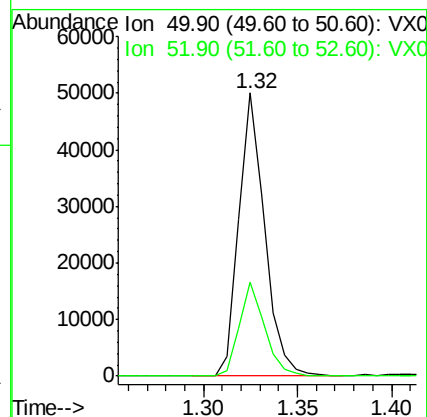
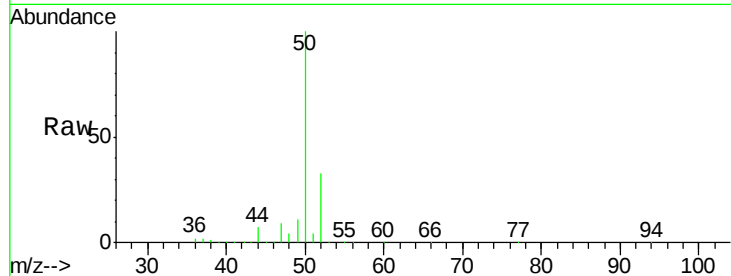
52 33.4 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.05 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000921.D

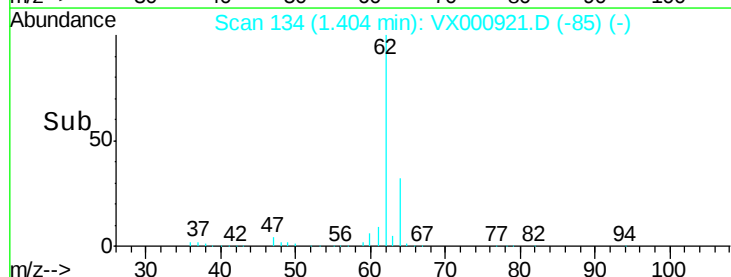
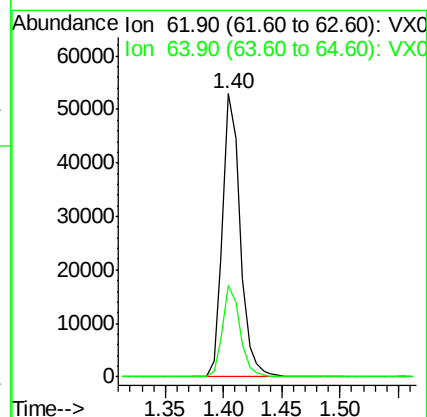
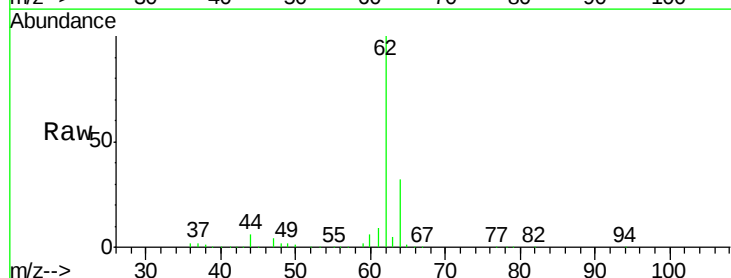
Acq: 16 Apr 2018 16:15

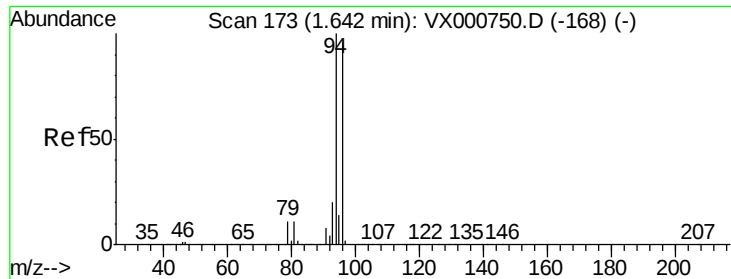
Tgt Ion: 62 Resp: 55360

Ion Ratio Lower Upper

62 100

64 32.5 24.6 36.8





#5

Bromomethane

Concen: 32.25 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 94 Resp: 35649

Ion Ratio Lower Upper

94 100

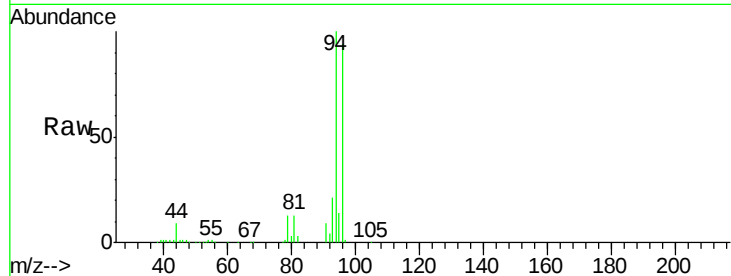
96 94.6 77.0 115.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

30000

25000

20000

15000

10000

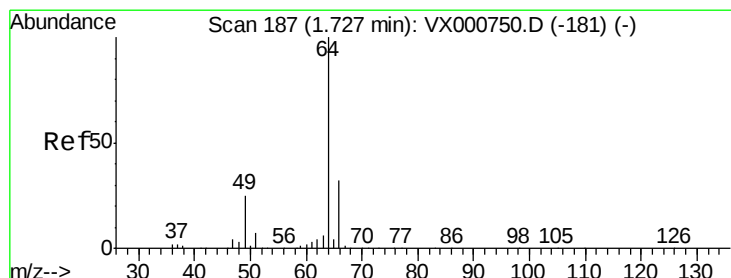
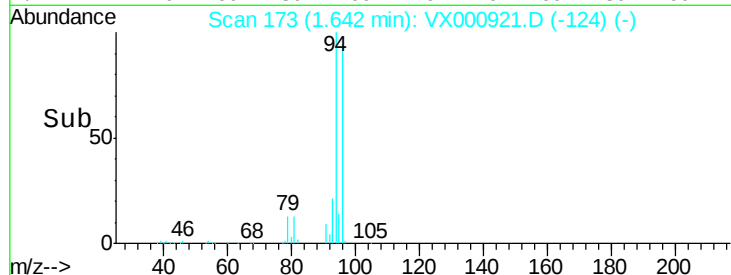
5000

0

Time-->

1.55 1.60 1.65 1.70 1.75

1.64



#6

Chloroethane

Concen: 21.75 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000921.D

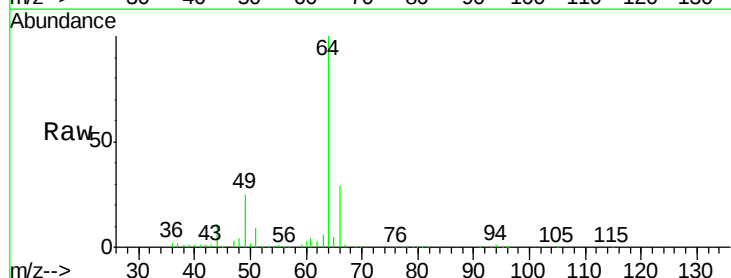
Acq: 16 Apr 2018 16:15

Tgt Ion: 64 Resp: 34678

Ion Ratio Lower Upper

64 100

66 29.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

10000

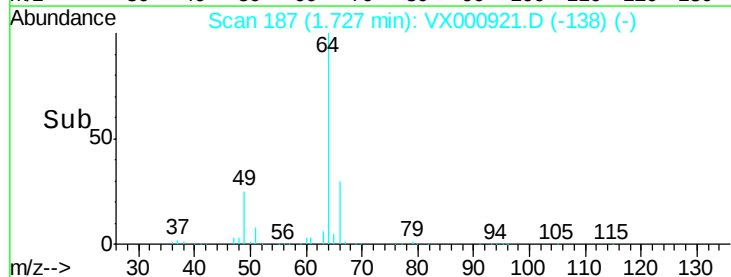
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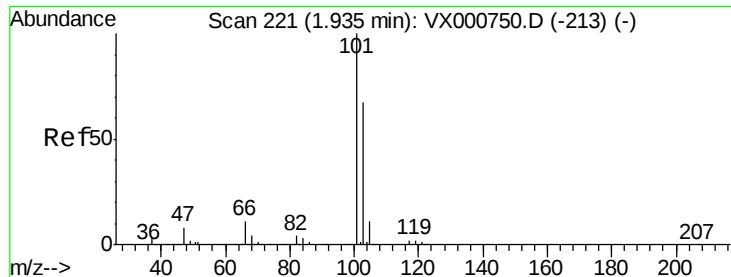
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Time-->

1.65 1.70 1.75 1.80

1.73





#7

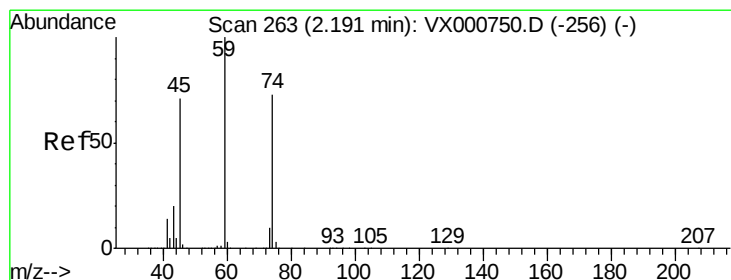
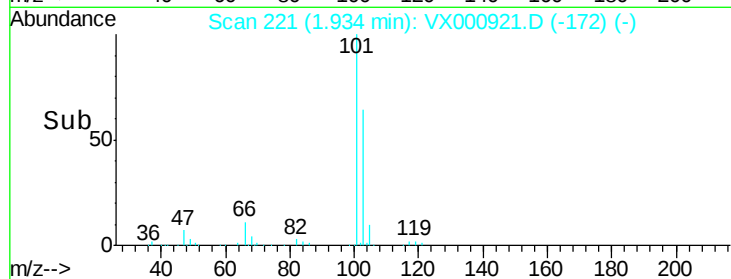
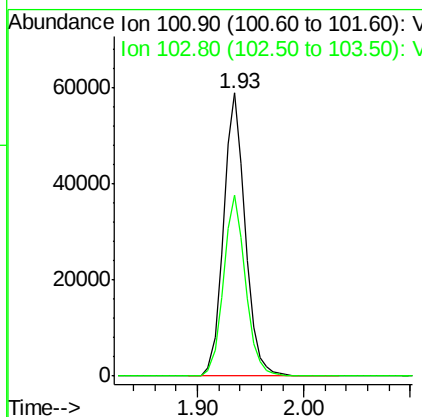
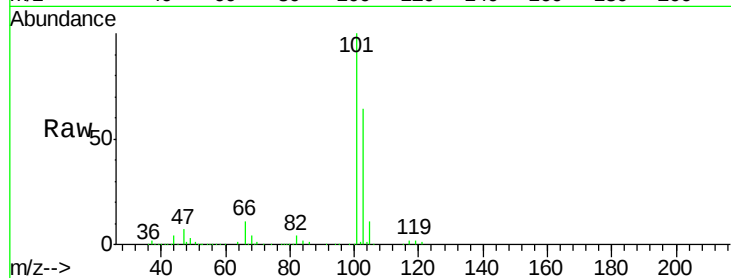
Trichlorofluoromethane
 Concen: 21.15 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Instrument :
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 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	53.2	79.8

Manual Integrations
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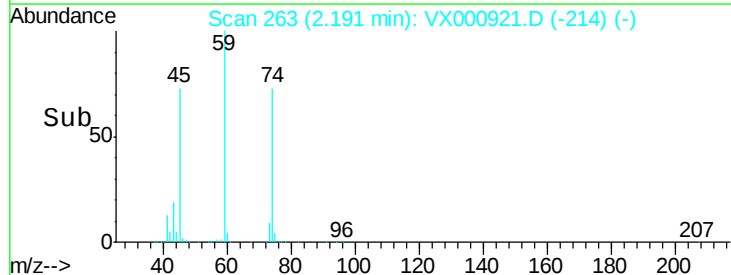
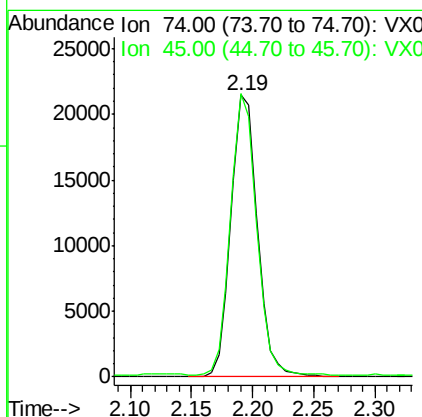
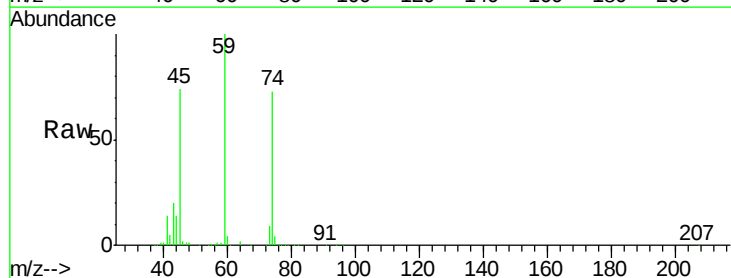
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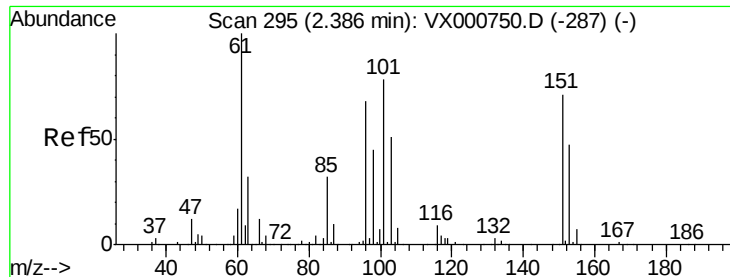


#8

Diethyl Ether
 Concen: 21.70 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.31 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000921.D

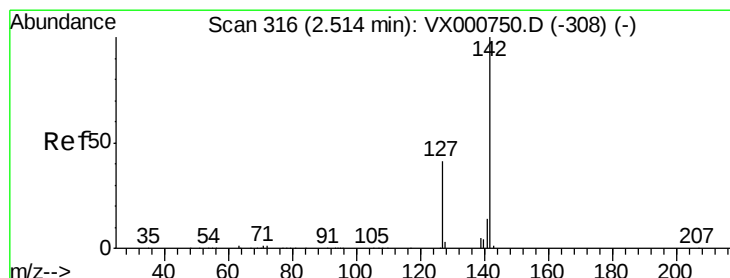
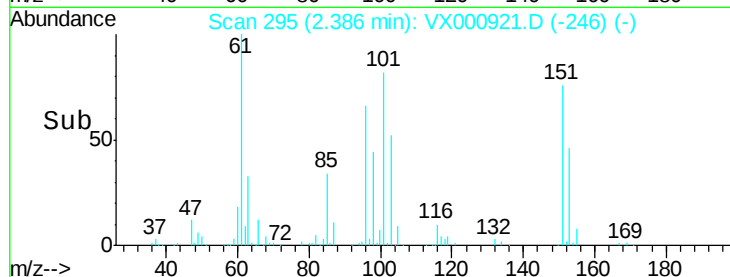
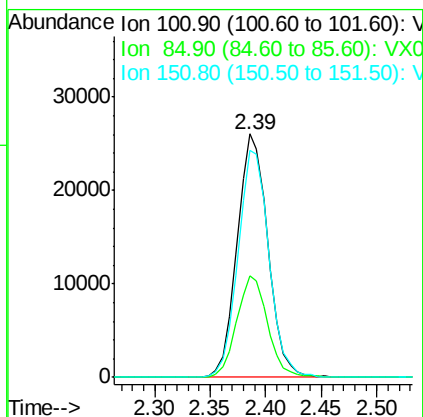
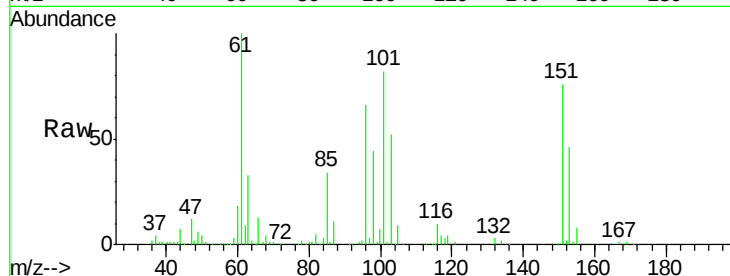
Acq: 16 Apr 2018 16:15

Instrument :
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VX0416WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.9	34.0	51.0
151	93.6	75.8	113.8

Manual Integrations
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4/18/2018 2:45:06 PM



#10

Methyl Iodide

Concen: 20.96 ug/l

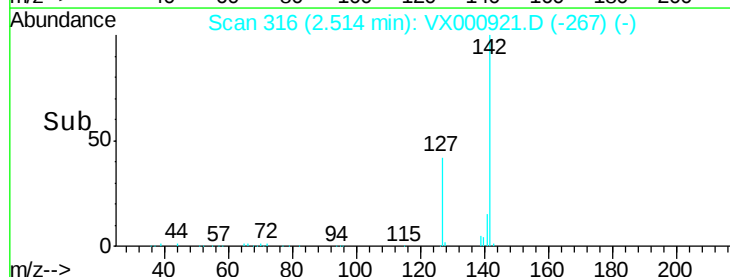
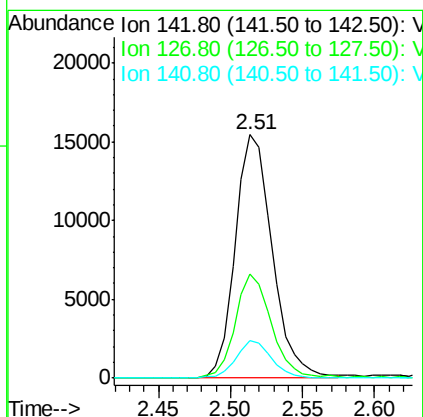
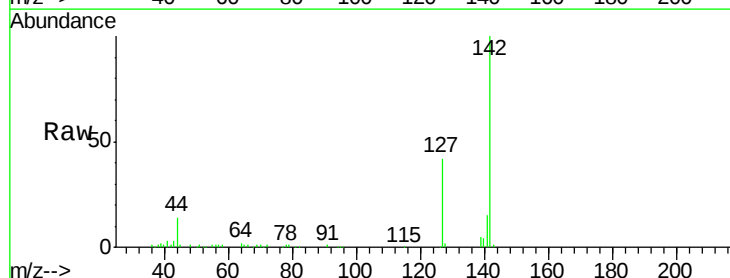
RT: 2.51 min Scan# 316

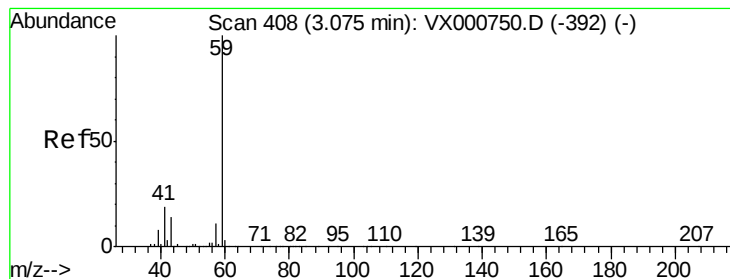
Delta R.T. 0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.6	32.6	49.0
141	14.6	11.5	17.3





#11

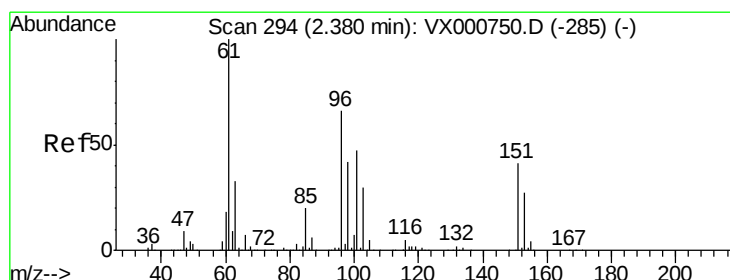
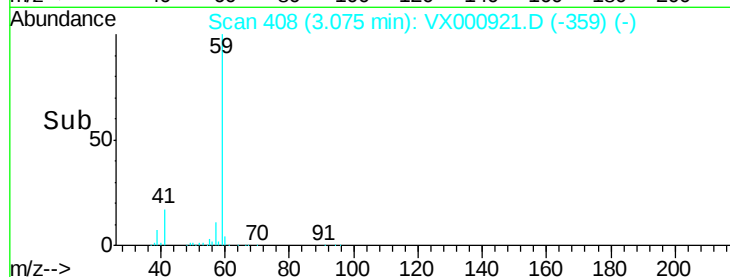
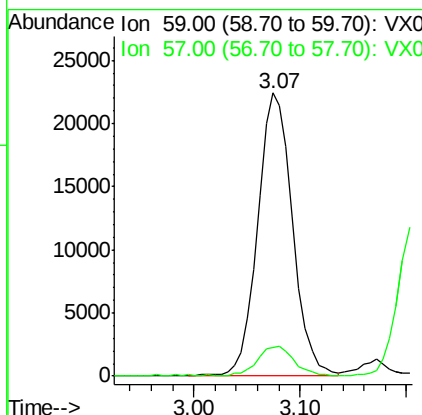
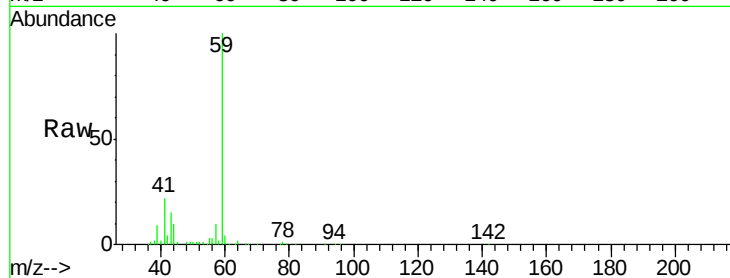
Tert butyl alcohol
 Concen: 94.90 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX0416WBS01

Tot Ion	59	Resp	51333
Ion Ratio	100	Lower	Upper
57	11.4	8.4	12.6

Manual Integrations
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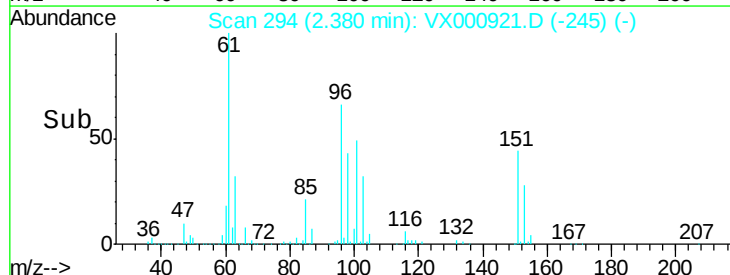
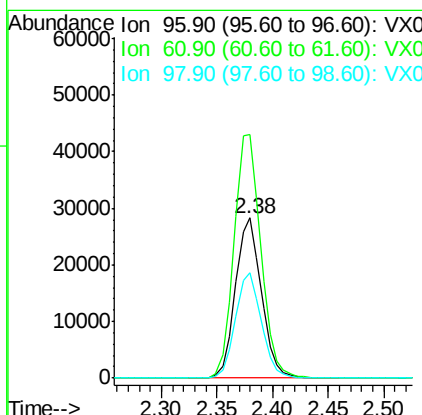
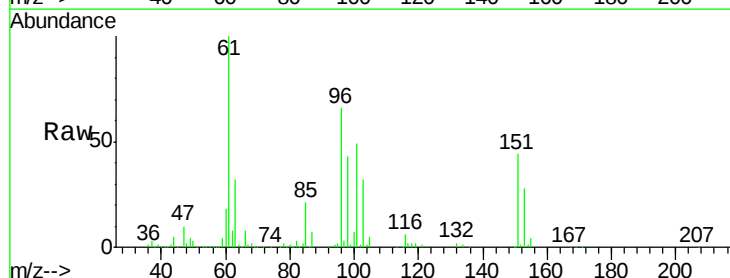
MMDadoda
 4/18/2018 2:45:06 PM

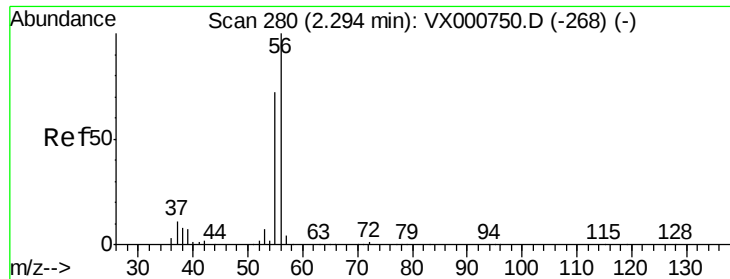


#12

1,1-Dichloroethene
 Concen: 20.74 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Tgt Ion	96	Resp	45994
Ion Ratio	100	Lower	Upper
61	151.8	120.5	180.7
98	65.6	50.9	76.3





#13

Acrolein

Concen: 107.37 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 56 Resp: 28203

Ion Ratio Lower Upper

56 100

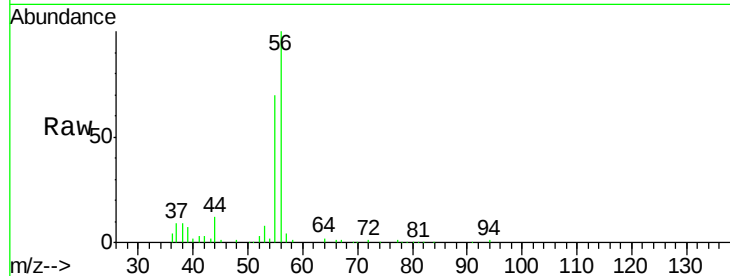
55 73.4 58.7 88.1

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

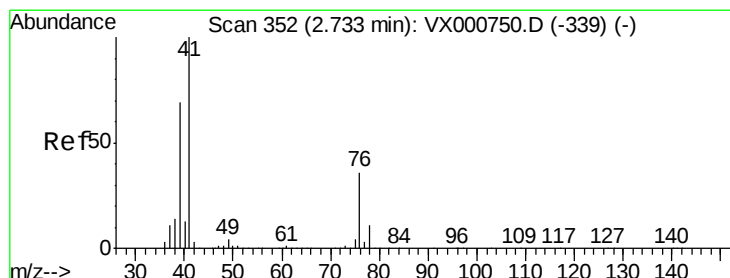
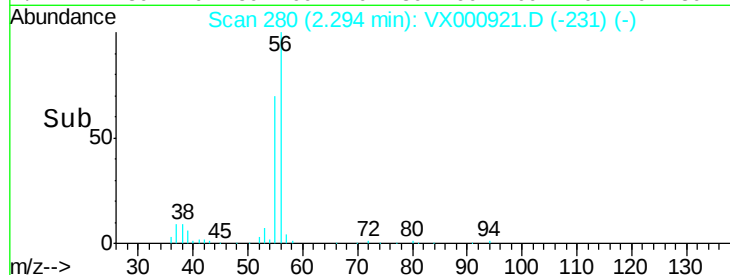
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.87 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

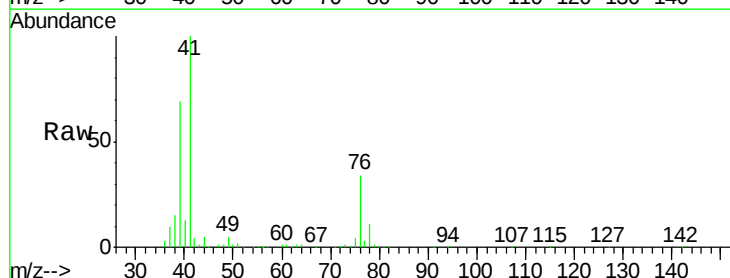
Tgt Ion: 41 Resp: 85567

Ion Ratio Lower Upper

41 100

39 63.8 51.5 77.3

76 32.6 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

30000

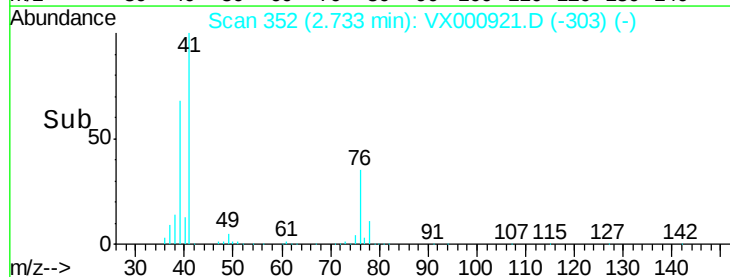
20000

10000

0

Time-->

2.70 2.80





#15

Acrylonitrile

Concen: 114.06 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

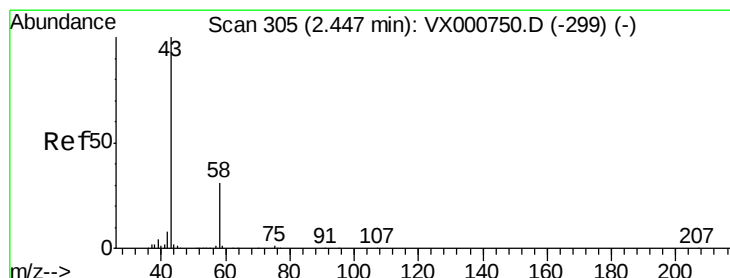
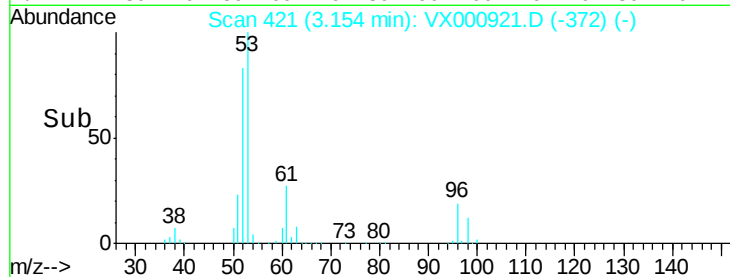
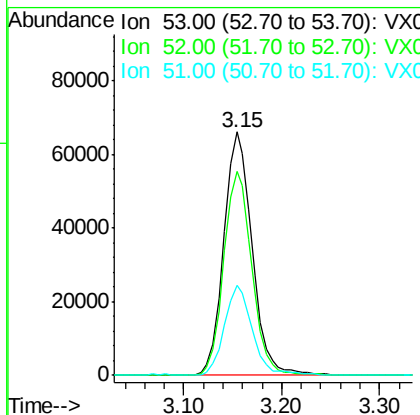
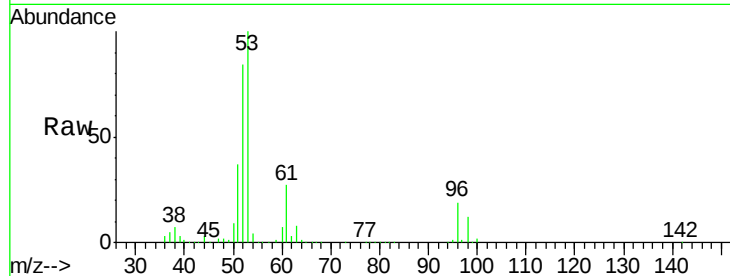
ClientSampleId :

VX0416WBS01

Tot Ion:	53	Resp:	131533
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.5	99.7
51	36.9	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 110.99 ug/l

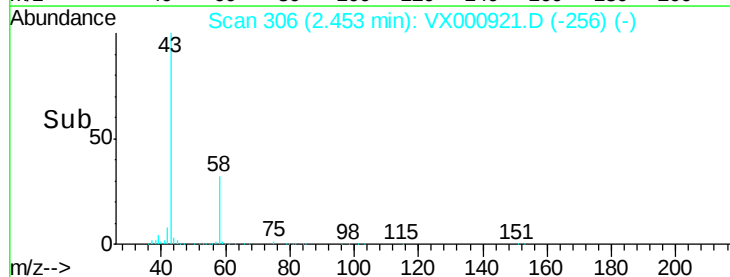
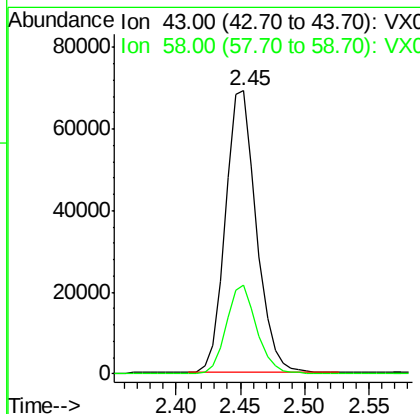
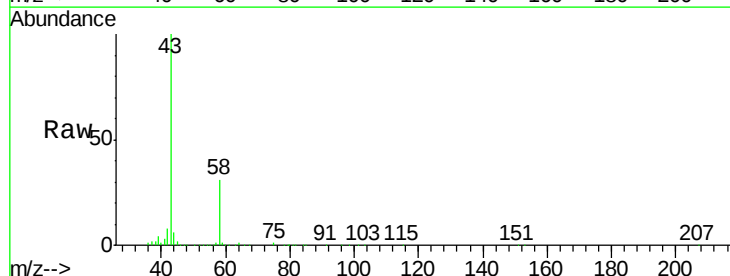
RT: 2.45 min Scan# 306

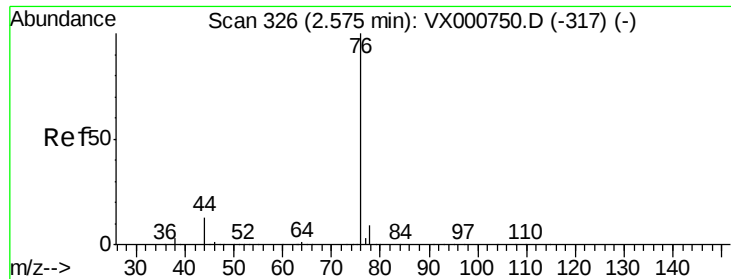
Delta R.T. 0.01 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Tgt Ion:	43	Resp:	116612
Ion Ratio		Lower	Upper
43	100		
58	31.6	24.6	37.0





#17

Carbon Disulfide

Concen: 16.52 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 76 Resp: 110939

Ion Ratio Lower Upper

76 100

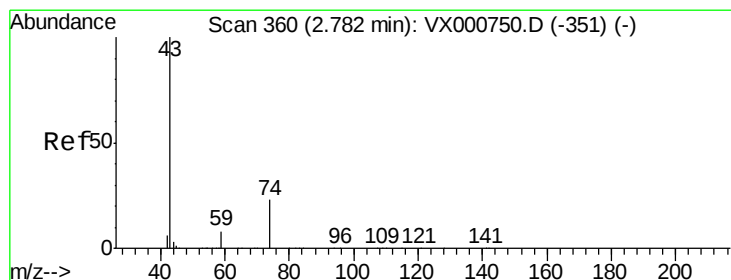
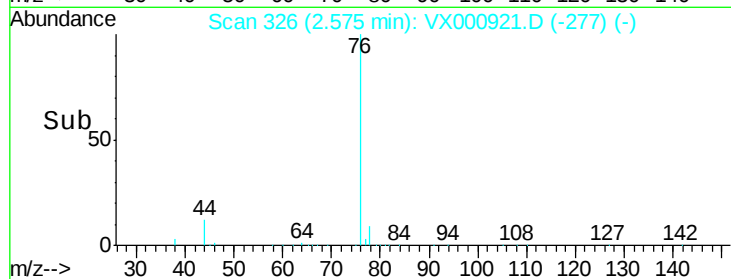
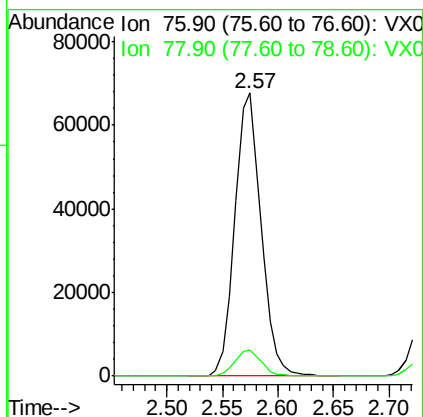
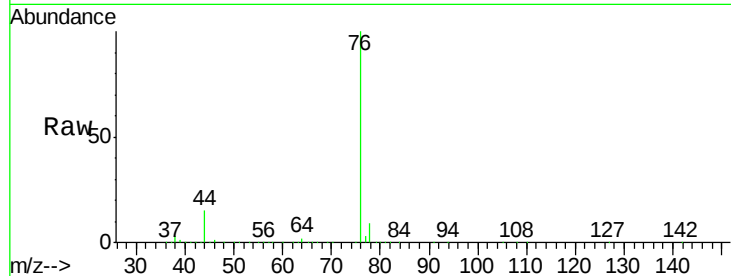
78 8.9 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 24.95 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000921.D

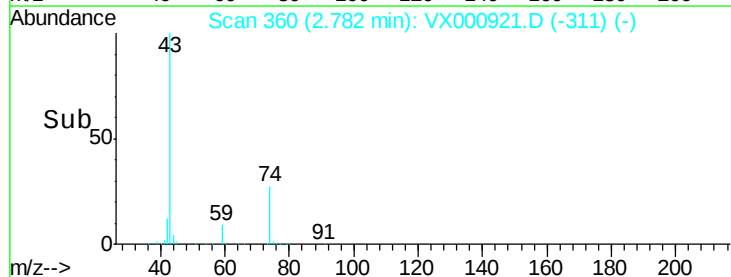
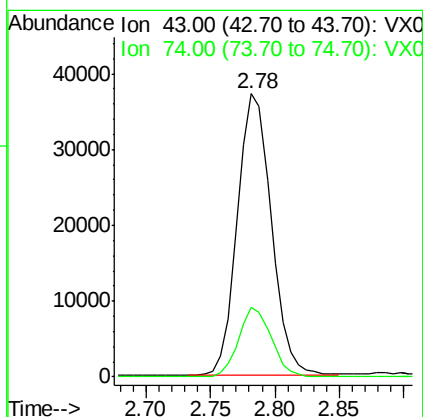
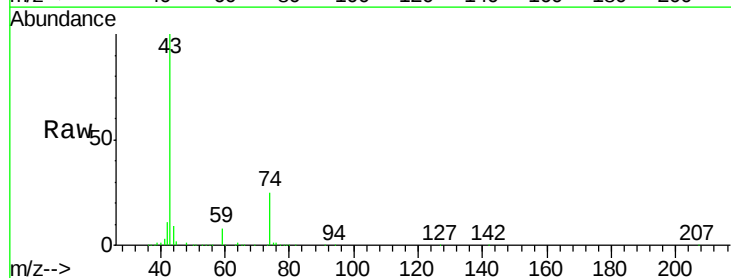
Acq: 16 Apr 2018 16:15

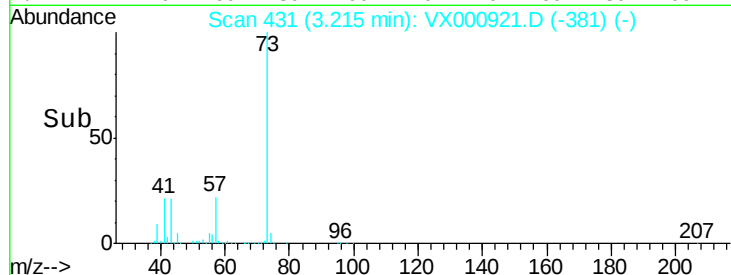
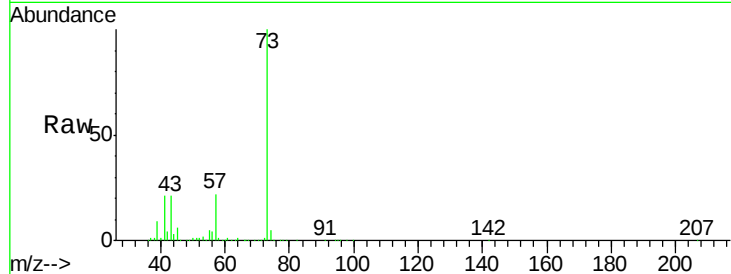
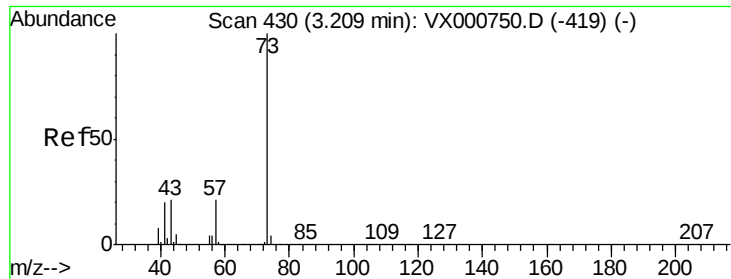
Tgt Ion: 43 Resp: 67847

Ion Ratio Lower Upper

43 100

74 24.3 19.1 28.7





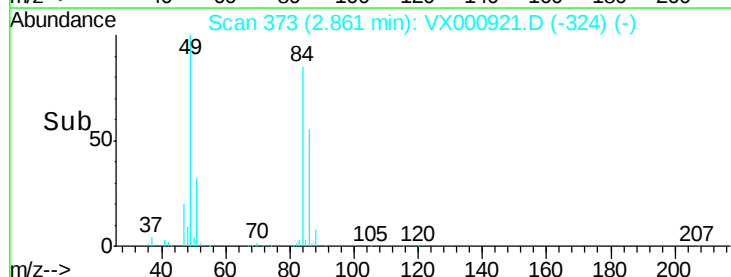
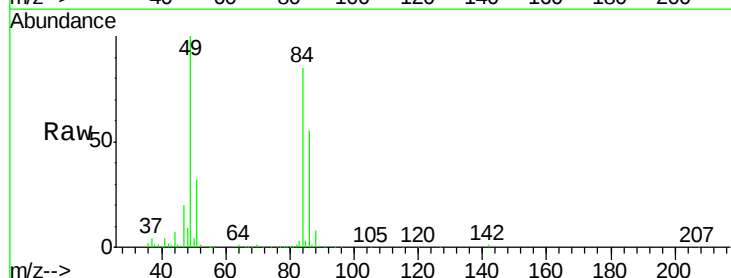
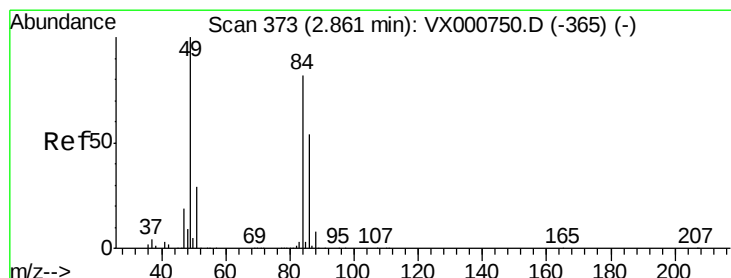
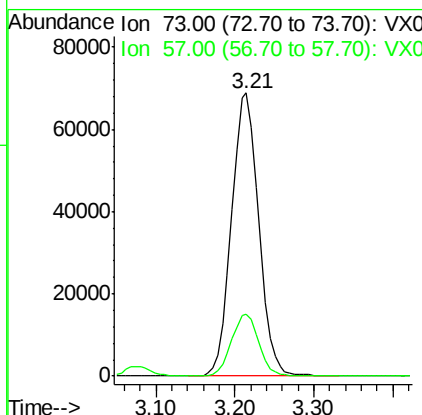
#19
Methyl tert-butyl Ether
Concen: 22.39 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	16.9	25.3

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

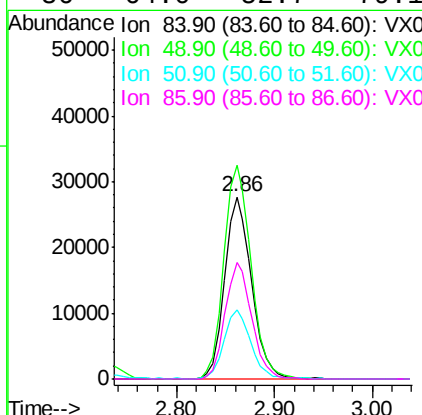
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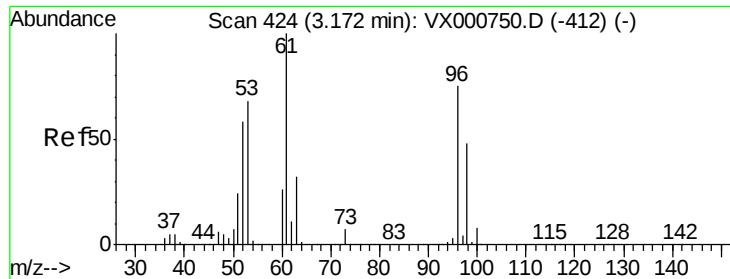
MMDadoda
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#20
Methylene Chloride
Concen: 21.55 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.3	98.1	147.1
51	37.5	28.9	43.3
86	64.0	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 20.60 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

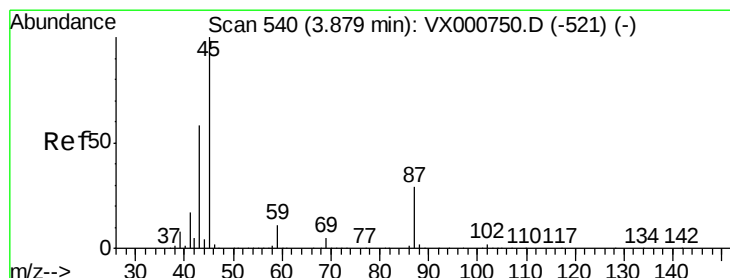
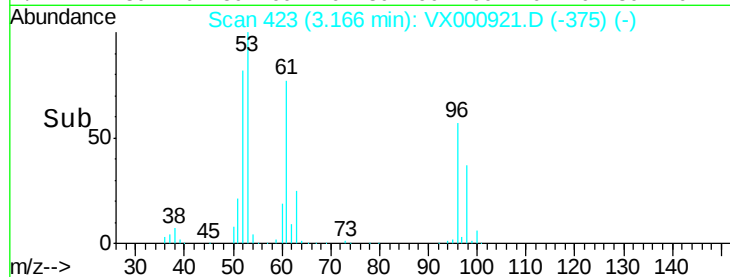
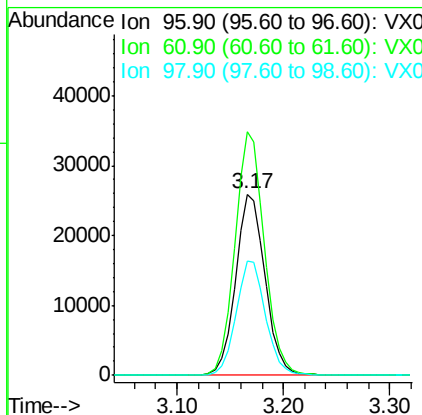
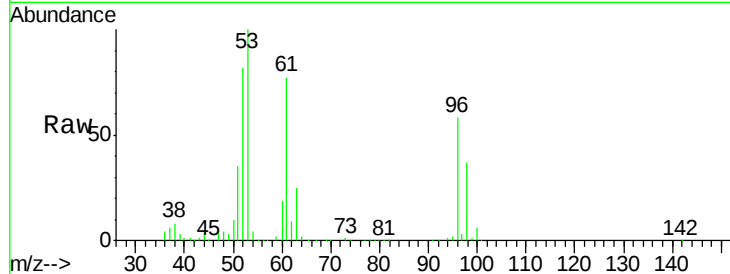
ClientSampleId :

VX0416WBS01

Tot Ion:	96	Resp:	50367
Ion	Ratio	Lower	Upper
96	100		
61	134.5	106.2	159.2
98	63.5	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.19 ug/l

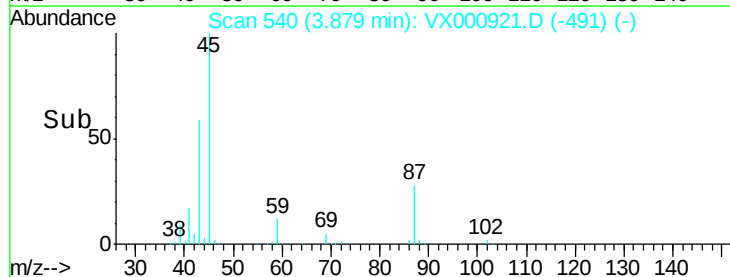
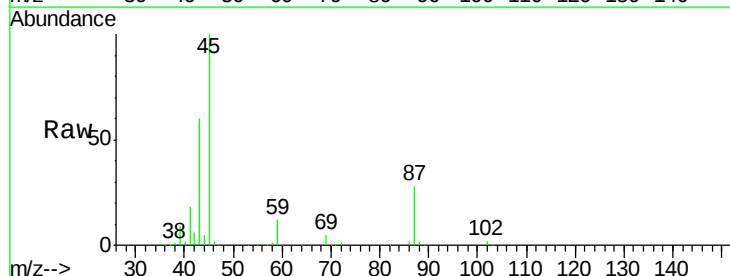
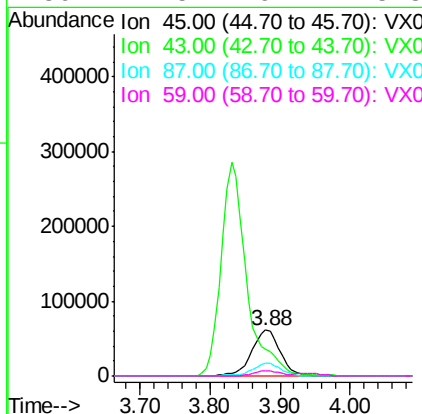
RT: 3.88 min Scan# 540

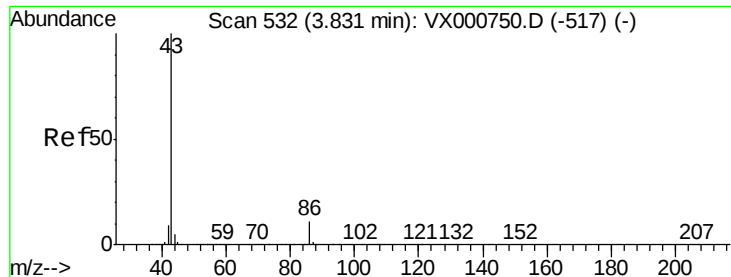
Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Tgt Ion:	45	Resp:	174755
Ion	Ratio	Lower	Upper
45	100		
43	59.3	46.6	69.8
87	28.3	22.9	34.3
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 110.84 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 43 Resp: 733396

Ion Ratio Lower Upper

43 100

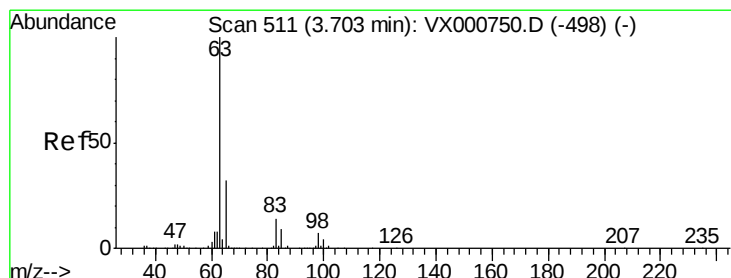
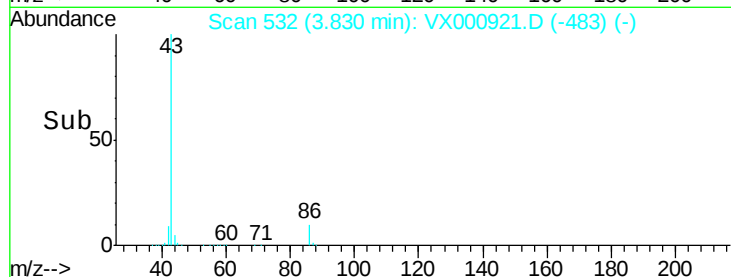
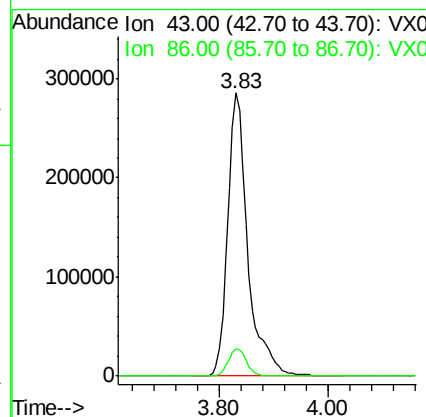
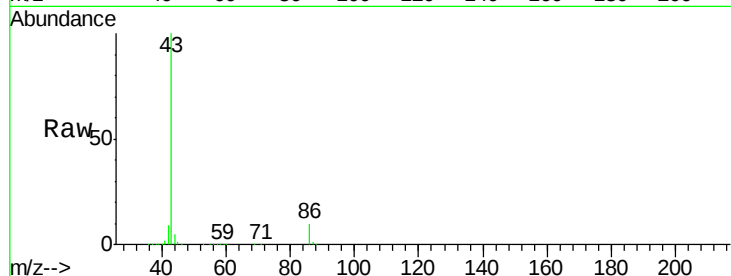
86 9.8 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.50 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

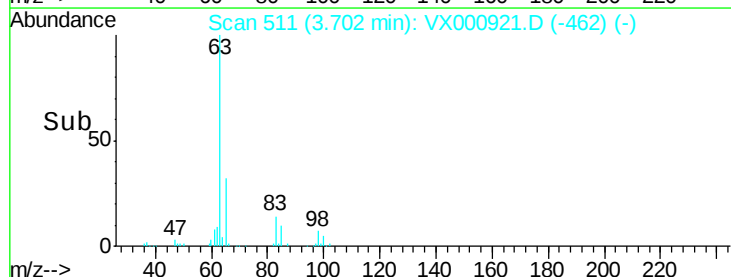
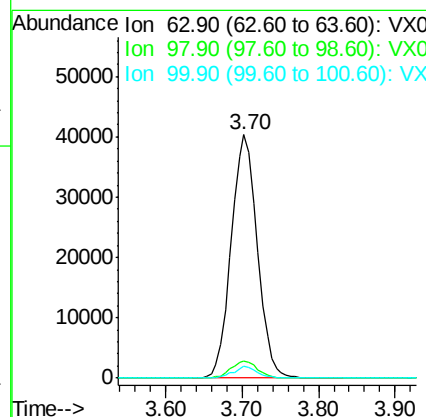
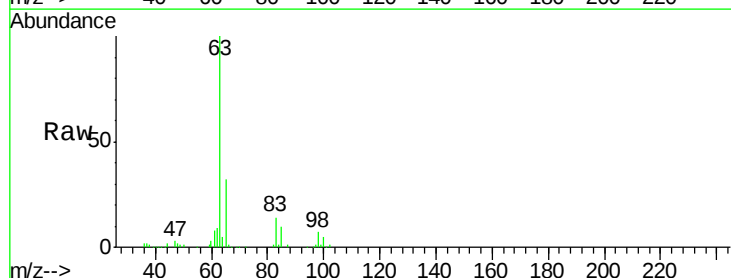
Tgt Ion: 63 Resp: 95153

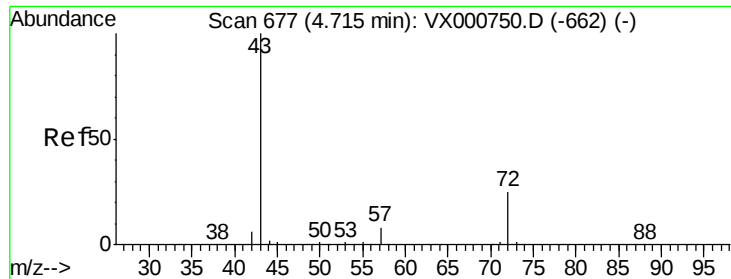
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 5.1 2.1 6.3





#25

2-Butanone

Concen: 111.29 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 43 Resp: 193079

Ion Ratio Lower Upper

43 100

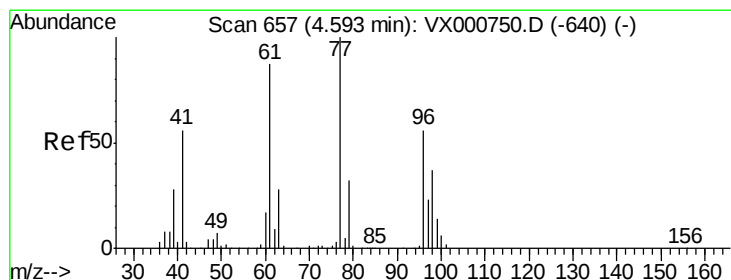
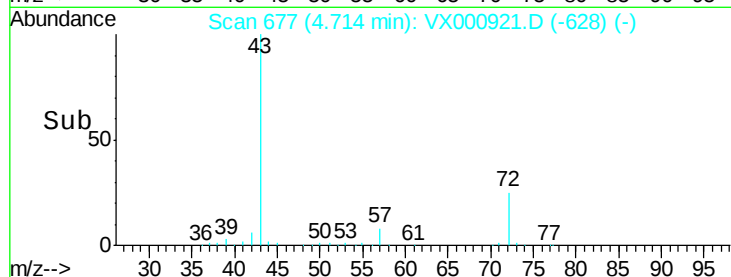
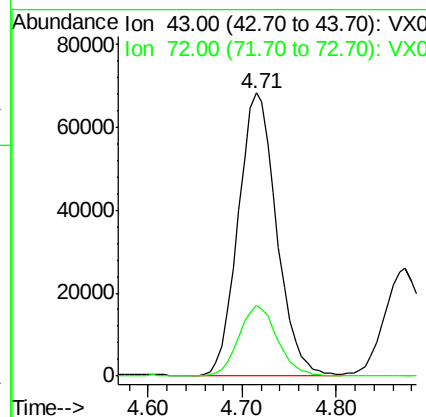
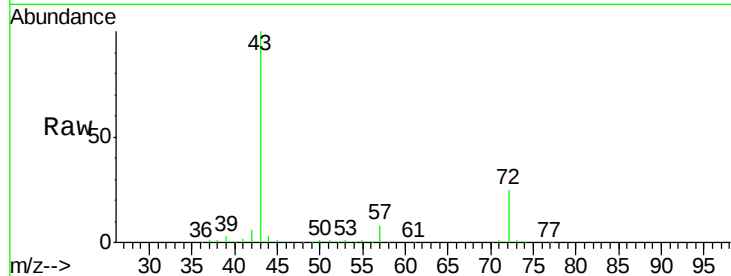
72 25.1 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.38 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000921.D

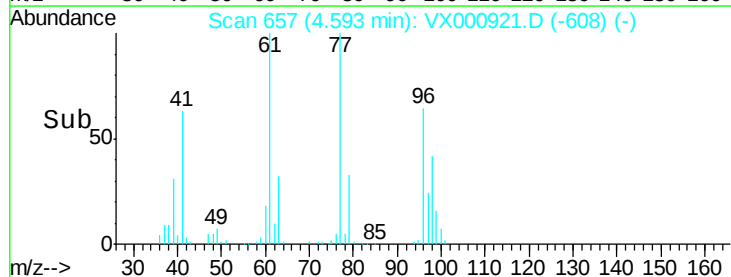
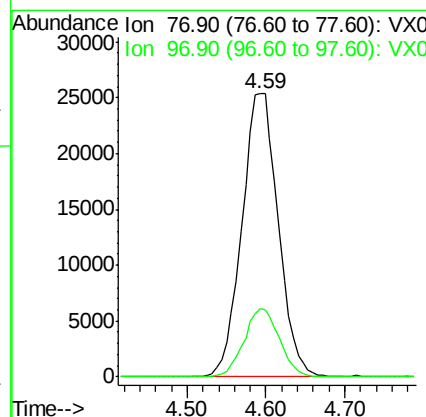
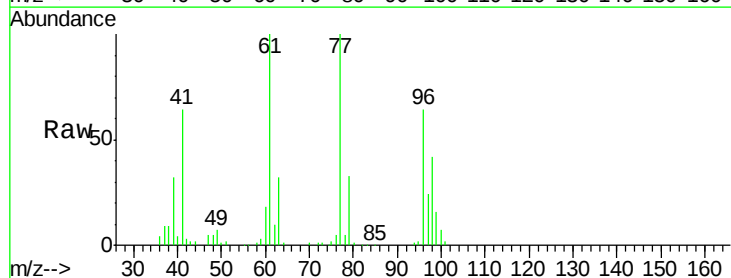
Acq: 16 Apr 2018 16:15

Tgt Ion: 77 Resp: 81354

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

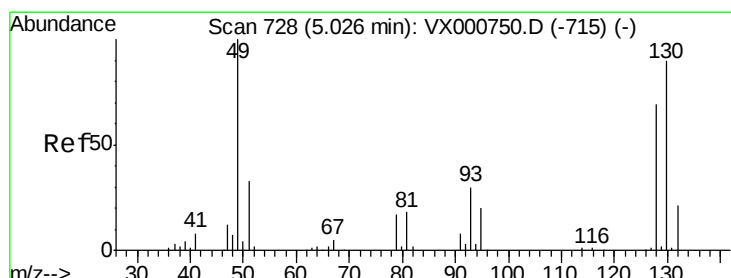
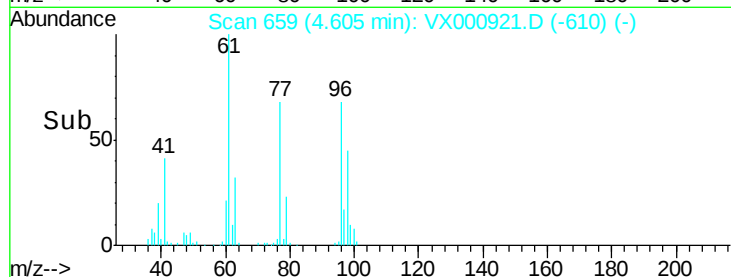
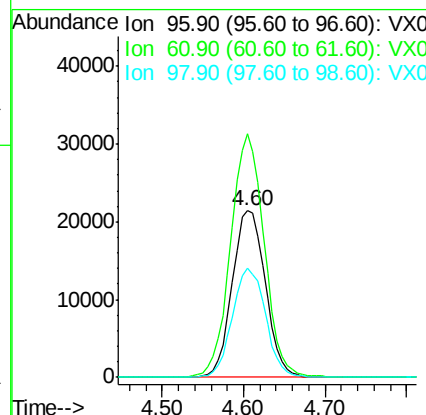
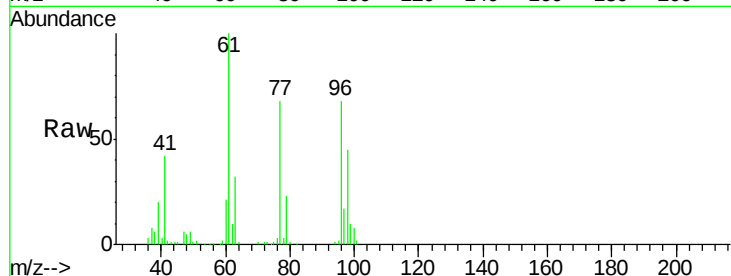
cis-1,2-Dichloroethene
 Concen: 21.70 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60229		
61	147.5	0.0	292.4	
98	65.5	0.0	130.2	

Manual Integrations
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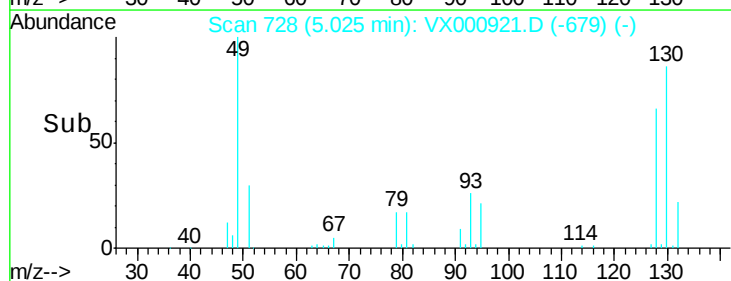
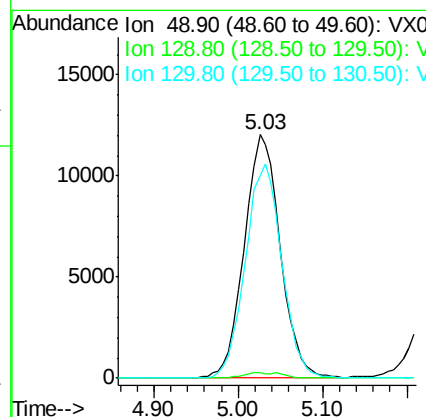
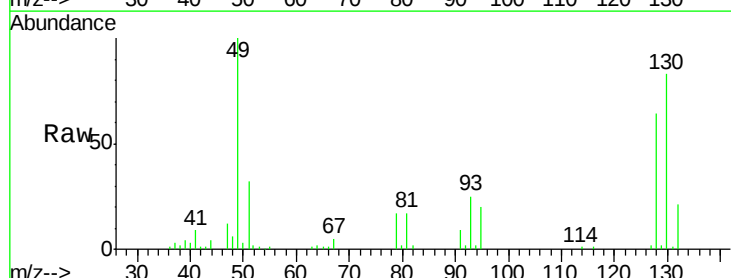
MMDadoda
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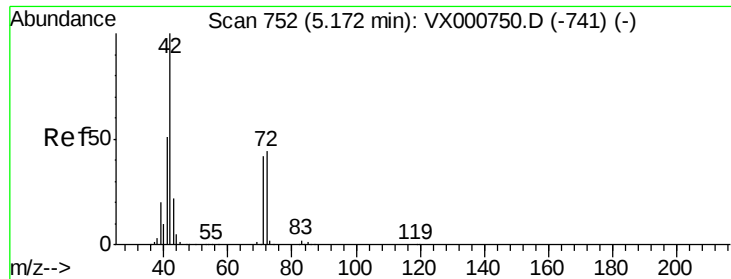


#28

Bromochloromethane
 Concen: 20.52 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	34939		
129	2.3	0.0	5.2	
130	89.0	72.6	109.0	





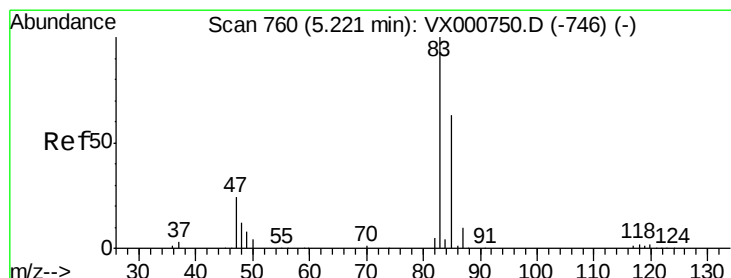
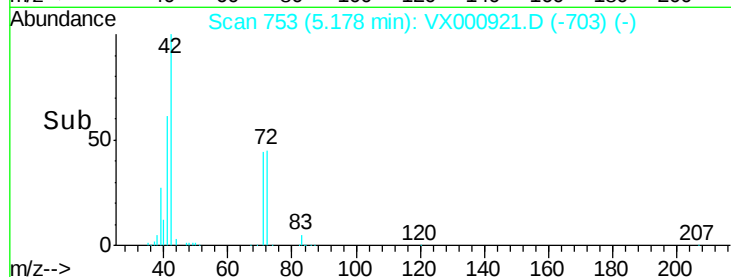
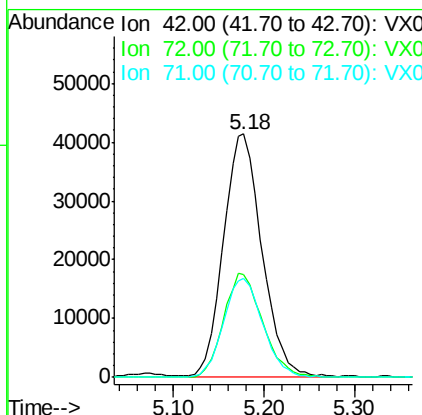
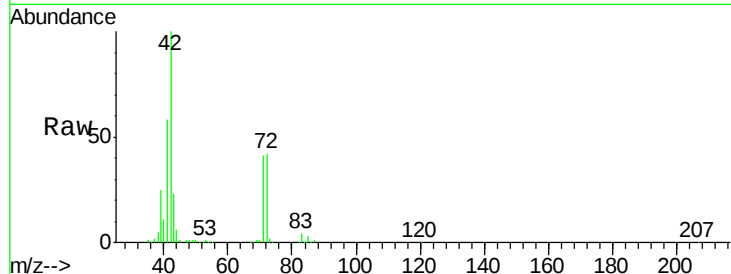
#29
Tetrahydrofuran
Concen: 109.98 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.1	52.7
71	41.9	32.8	49.2

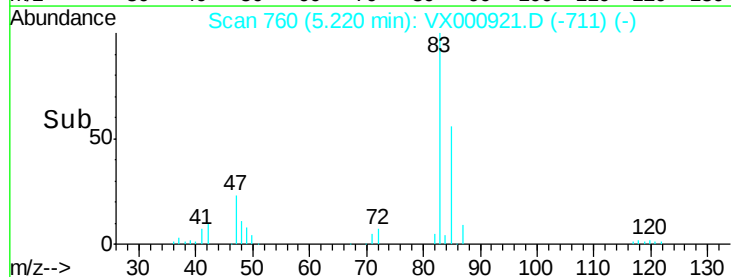
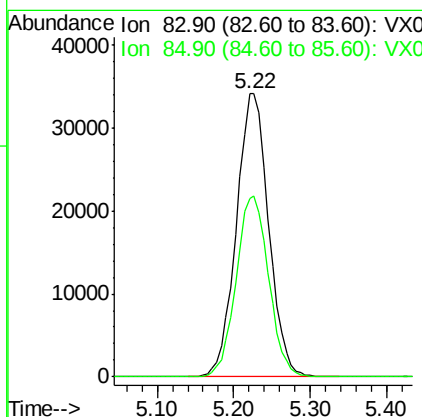
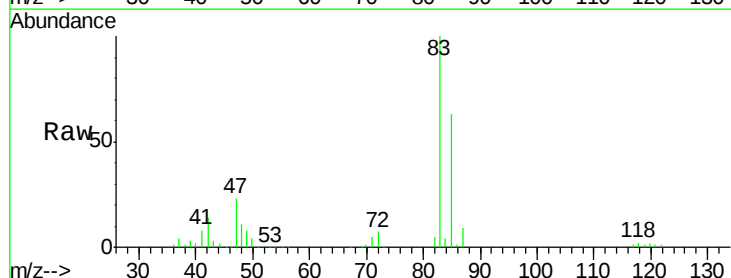
Manual Integrations
APPROVED

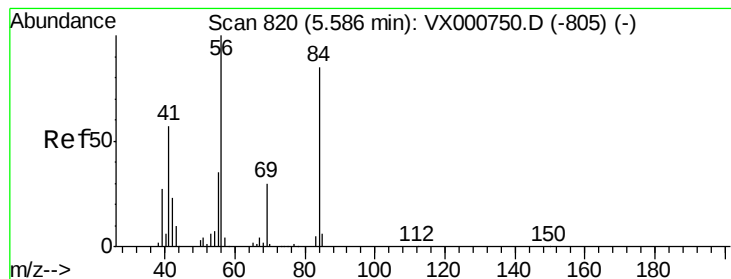
MMDadoda
4/18/2018 2:45:06 PM



#30
Chloroform
Concen: 22.27 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.7	76.1





#31

Cyclohexane

Concen: 20.28 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

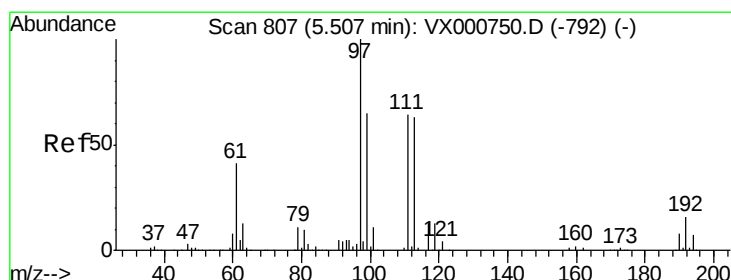
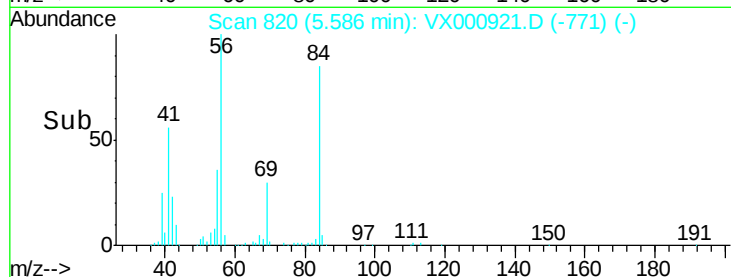
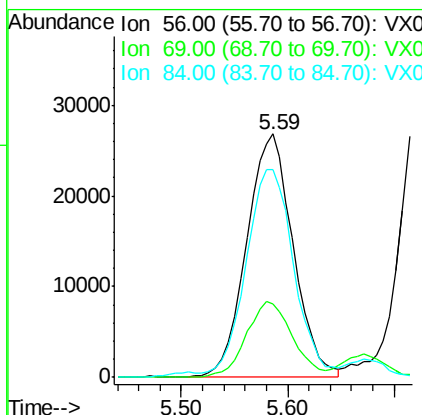
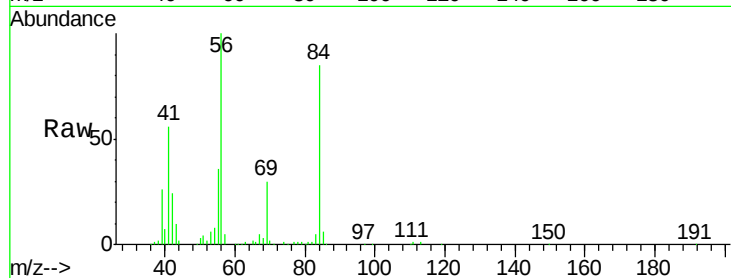
ClientSampleId :

VX0416WBS01

Tot Ion:	56	Resp:	81426
Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.2	36.4
84	83.2	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.00 ug/l

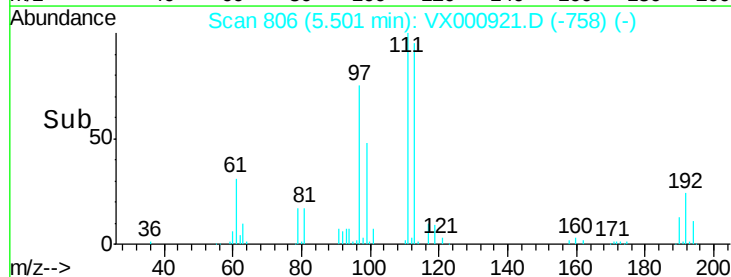
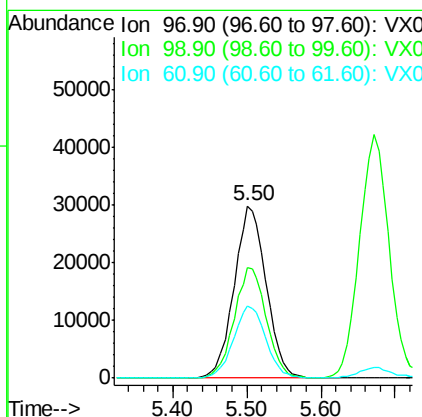
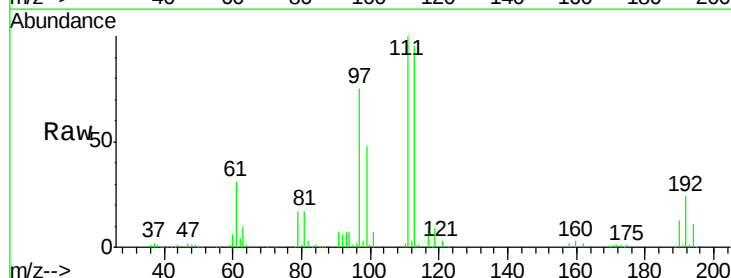
RT: 5.50 min Scan# 806

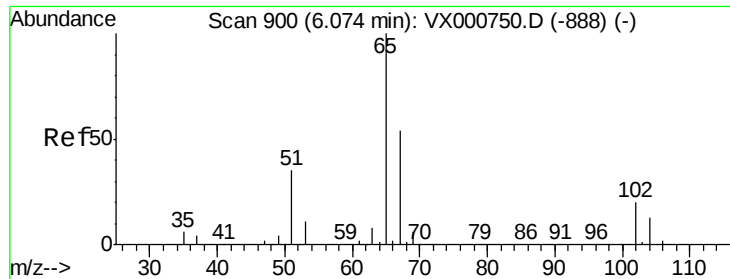
Delta R.T. -0.01 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Tgt Ion:	97	Resp:	89557
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	42.7	33.7	50.5





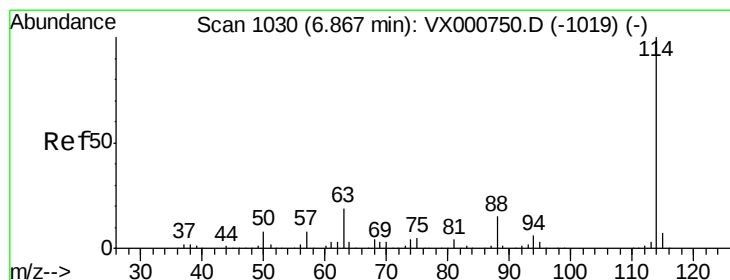
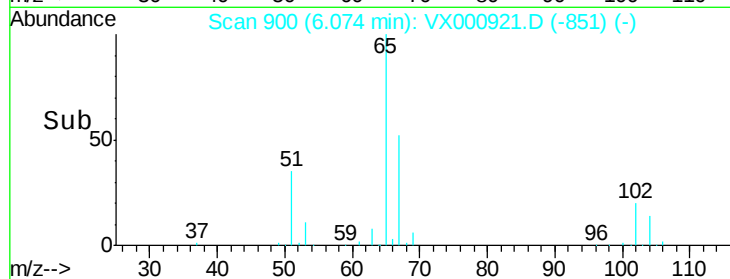
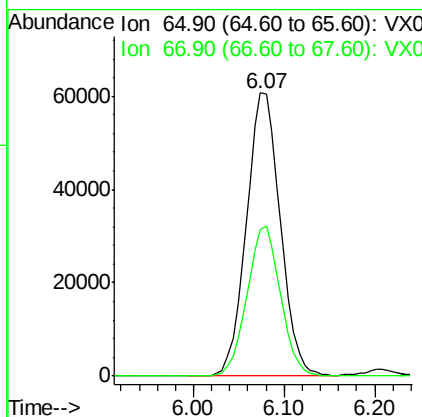
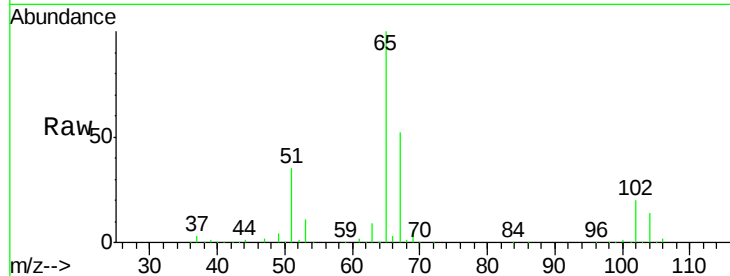
#33
 1,2-Dichloroethane-d4
 Concen: 51.58 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157140		
67	52.1	0.0	103.8	

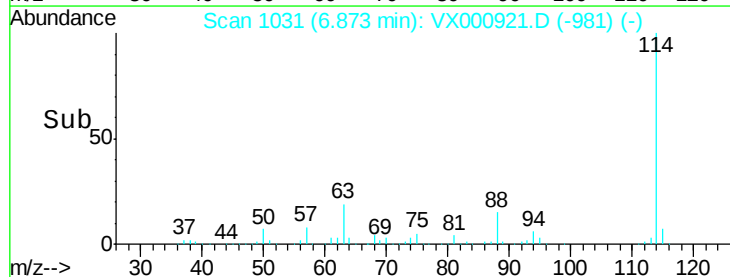
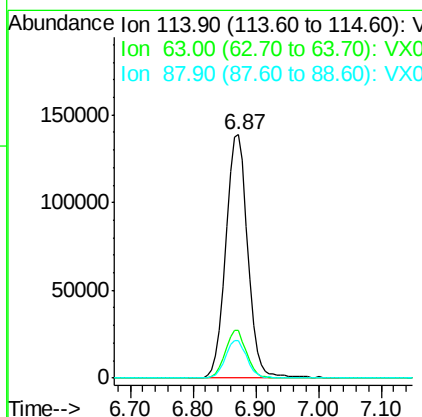
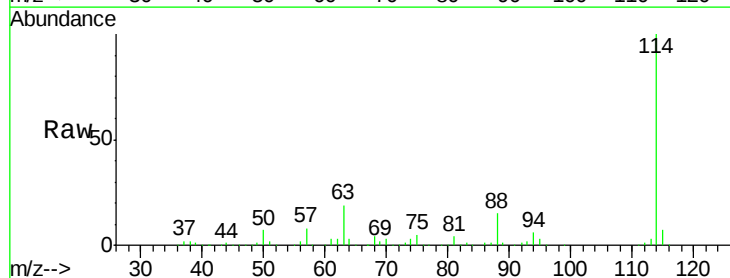
Manual Integrations
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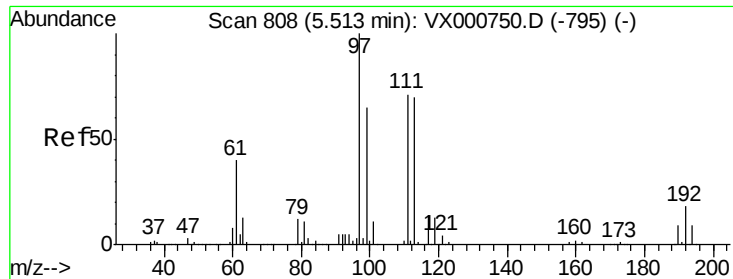
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	336888		
63	19.4	0.0	38.4	
88	15.2	0.0	31.0	





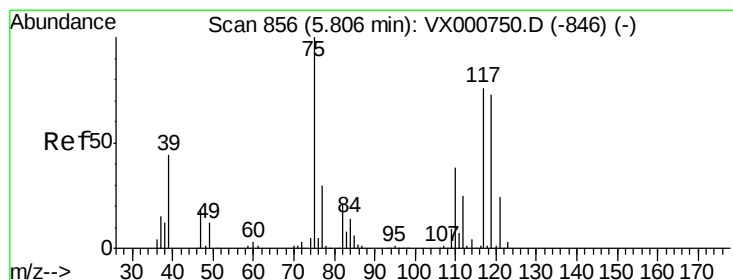
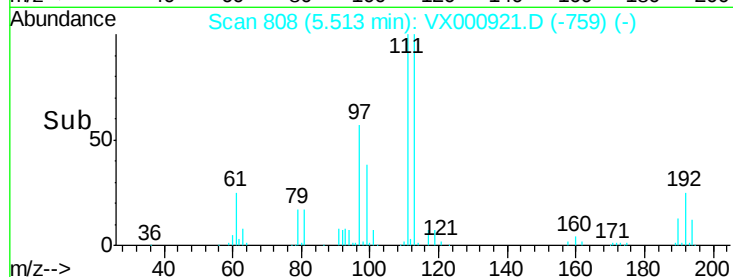
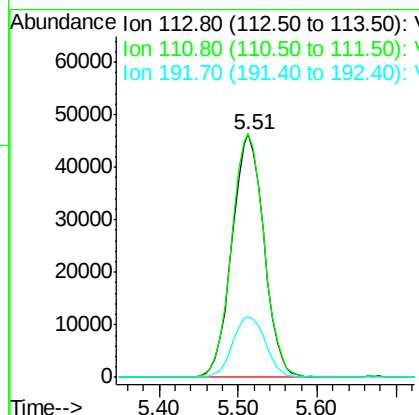
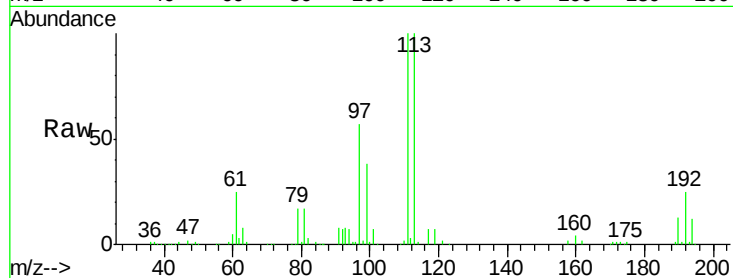
#35
 Dibromofluoromethane
 Concen: 50.35 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130685		
111	101.6	81.5	122.3	
192	25.6	20.4	30.6	

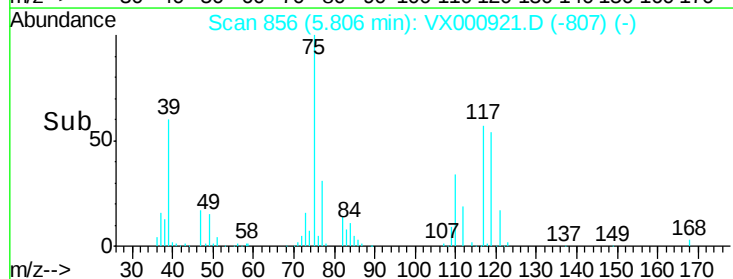
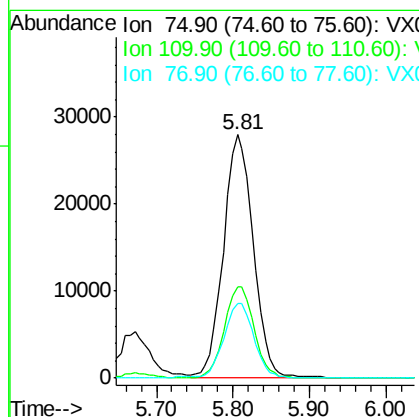
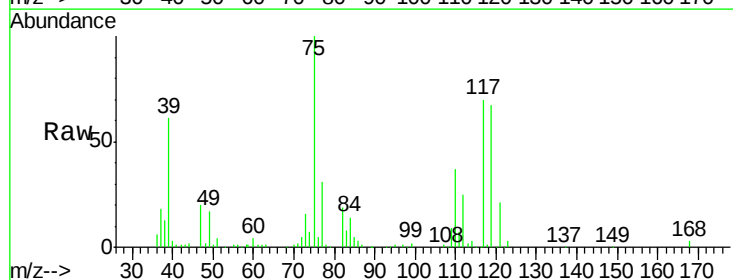
Manual Integrations
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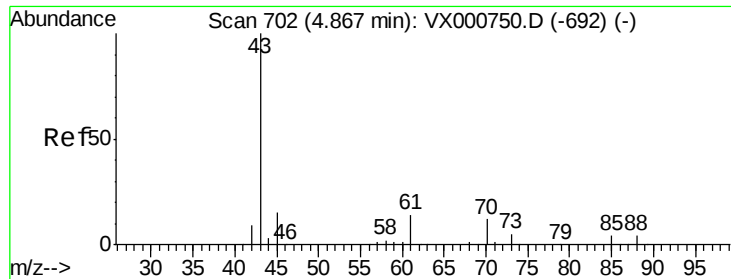
MMDadoda
 4/18/2018 2:45:06 PM



#36
 1,1-Dichloropropene
 Concen: 20.23 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75069		
110	37.6	19.2	57.6	
77	30.9	25.4	38.2	





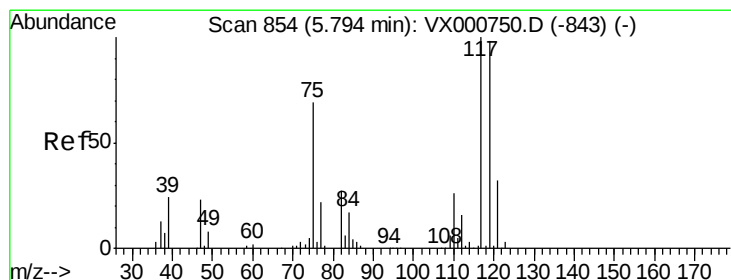
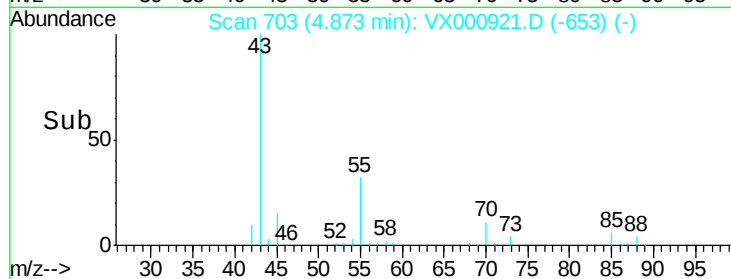
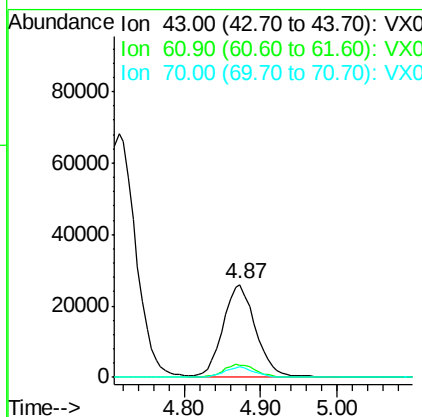
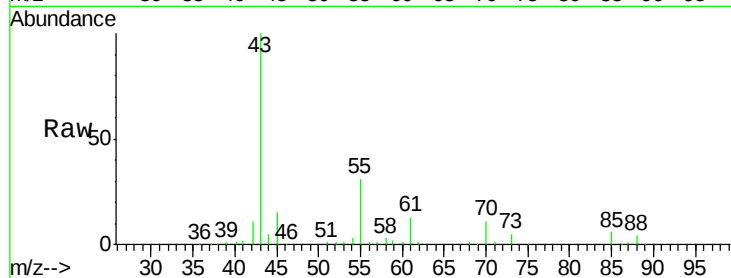
#37
Ethyl Acetate
Concen: 20.99 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.4
70	10.5	8.7	13.1

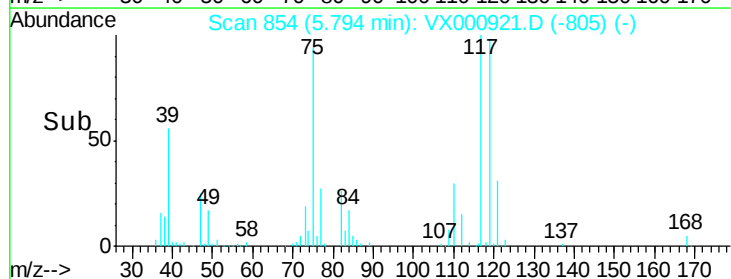
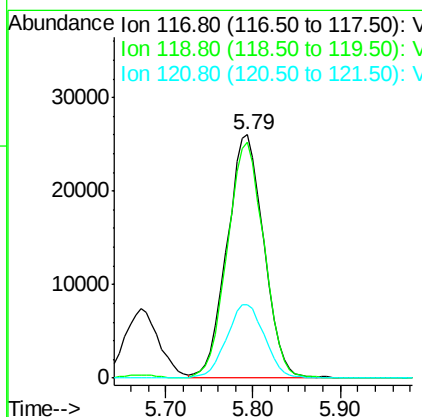
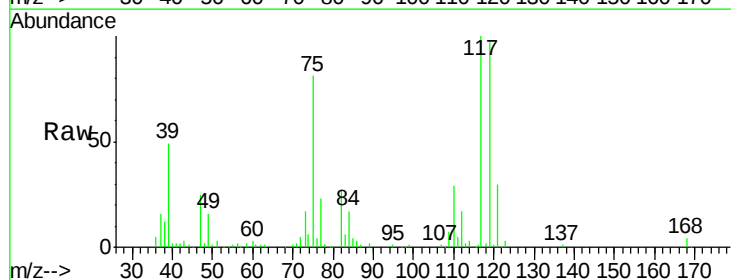
Manual Integrations
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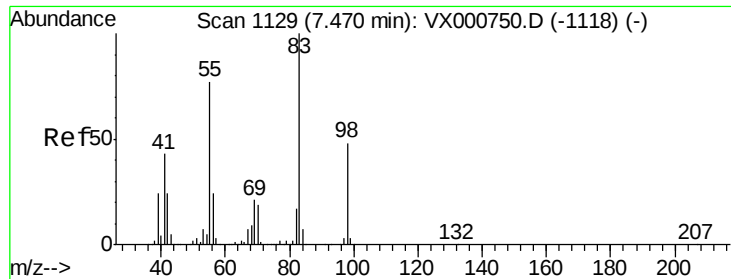
MMDadoda
4/18/2018 2:45:06 PM



#38
Carbon Tetrachloride
Concen: 18.30 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.4	117.6
121	30.5	25.4	38.0





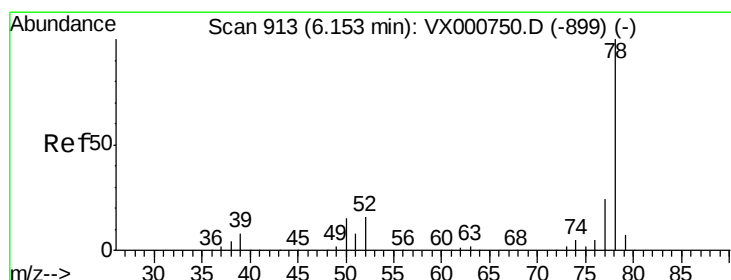
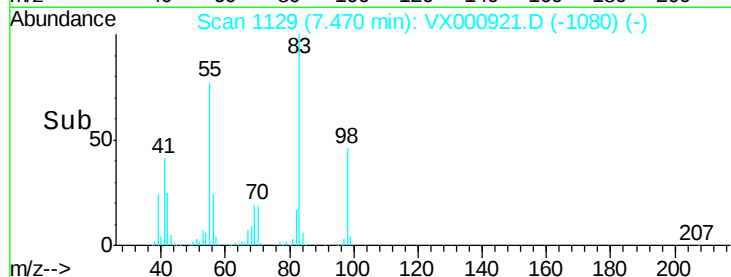
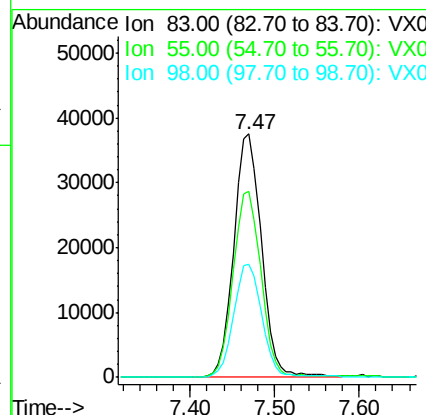
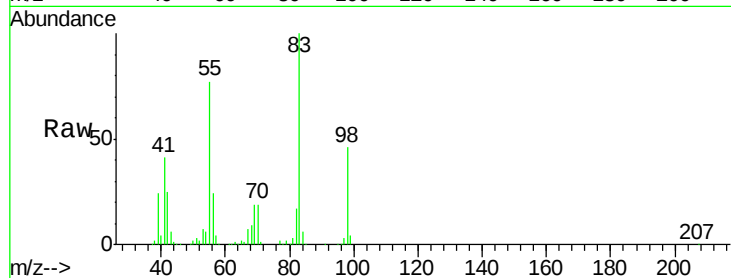
#39
Methvlcvclohexane
Concen: 18.83 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.5	92.3
98	46.4	38.1	57.1

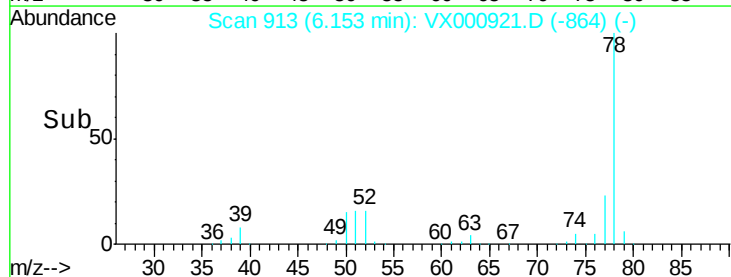
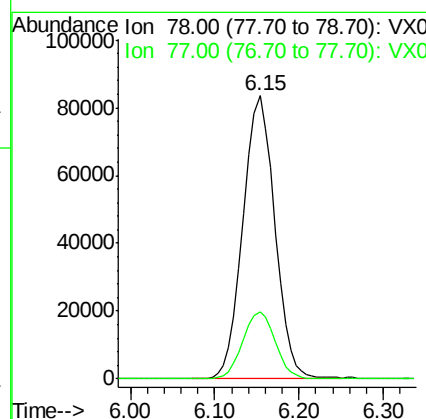
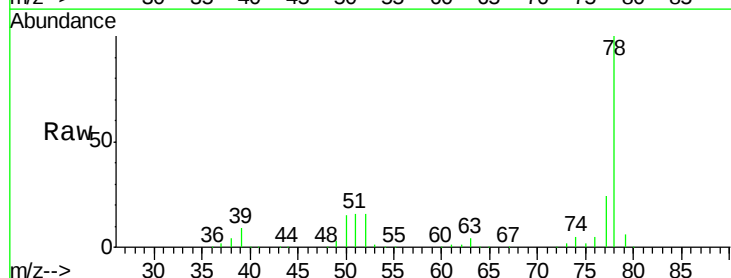
Manual Integrations
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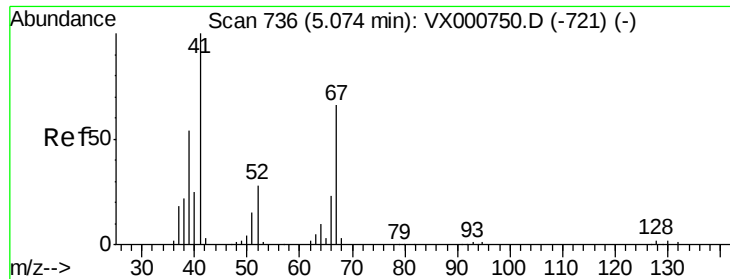
MMDadoda
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#40
Benzene
Concen: 20.82 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





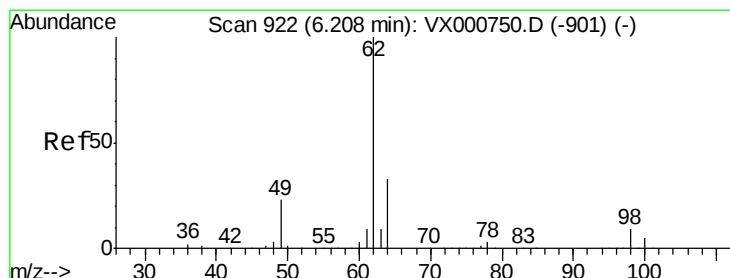
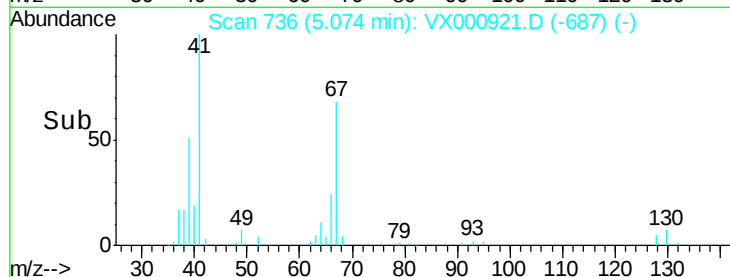
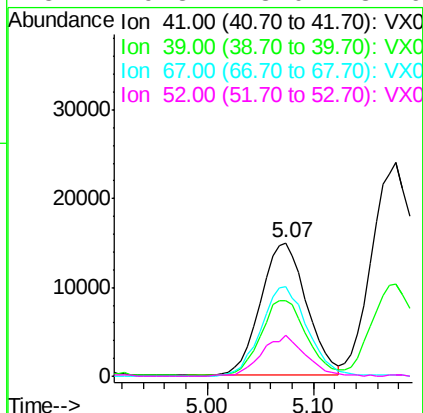
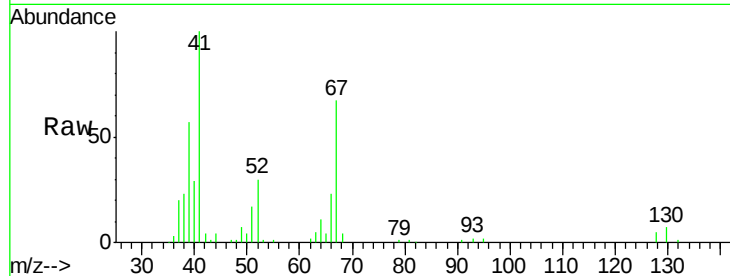
#41
Methacrylonitrile
Concen: 21.46 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.1	44.9	67.3	
67	68.1	54.7	82.1	
52	29.3	23.0	34.6	

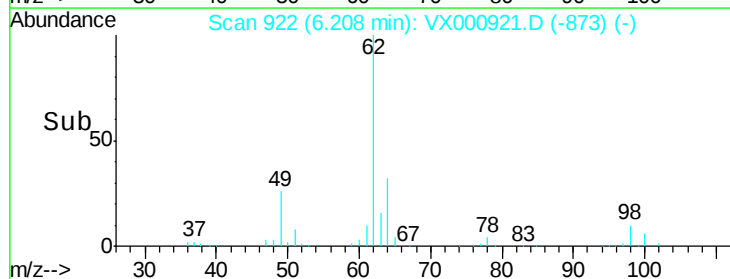
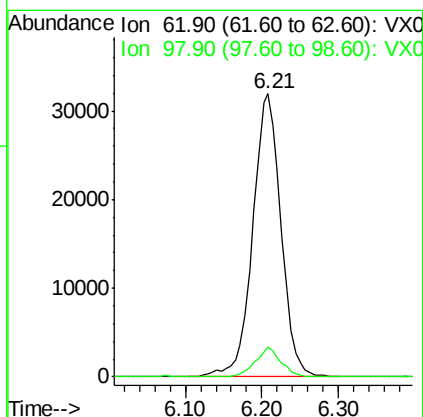
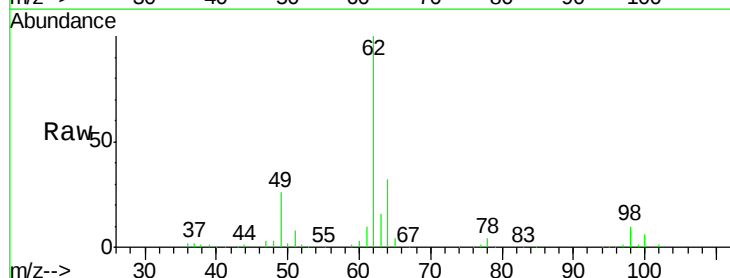
Manual Integrations
APPROVED

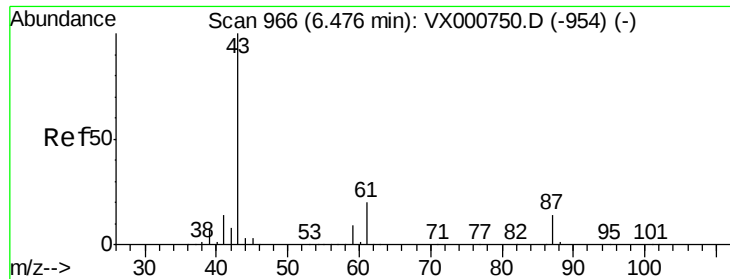
MMDadoda
4/18/2018 2:45:06 PM



#42
1,2-Dichloroethane
Concen: 21.32 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	18.6	





#43

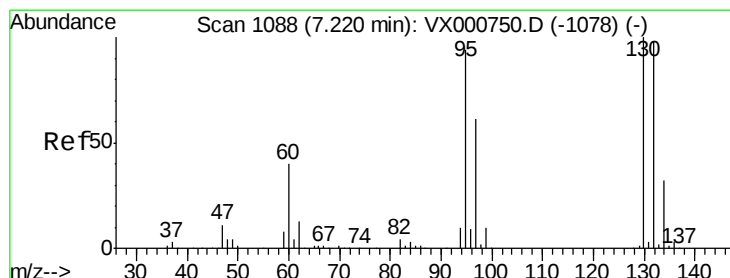
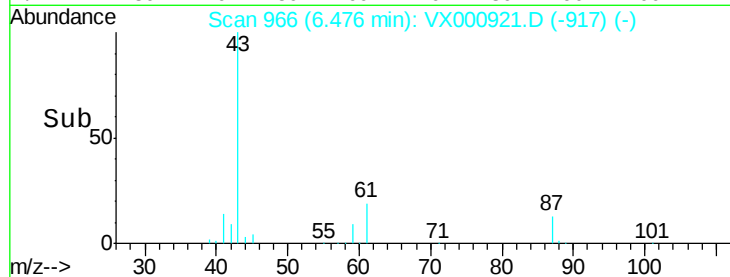
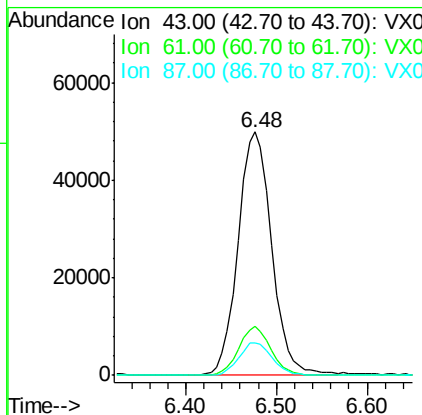
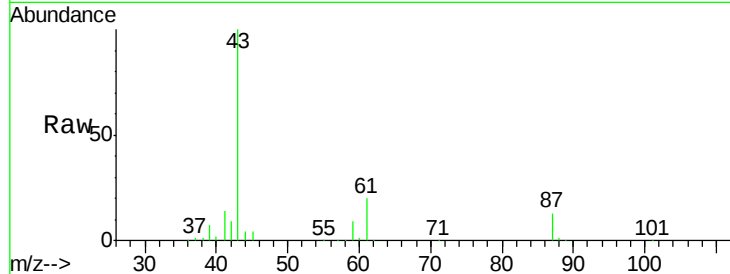
Isopropyl Acetate
 Concen: 20.51 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.6	23.4
87	13.5	10.7	16.1

Manual Integrations
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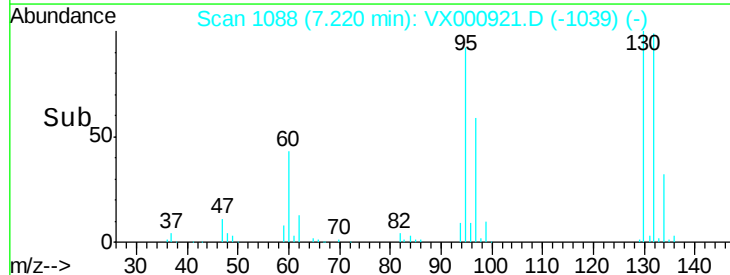
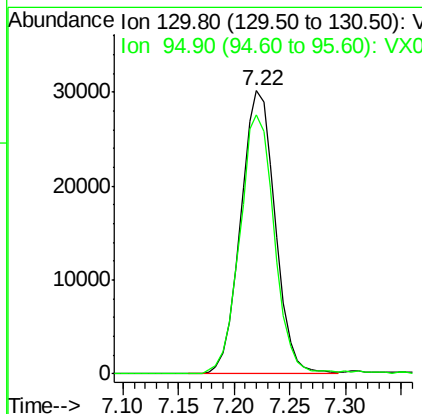
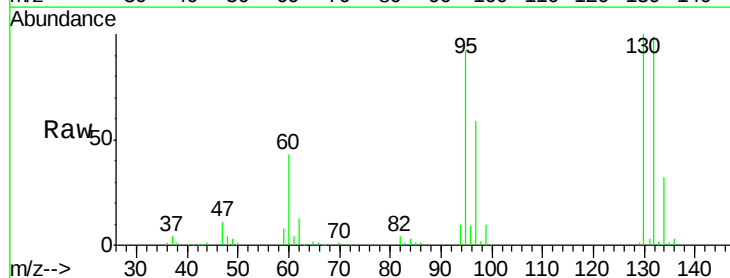
MMDadoda
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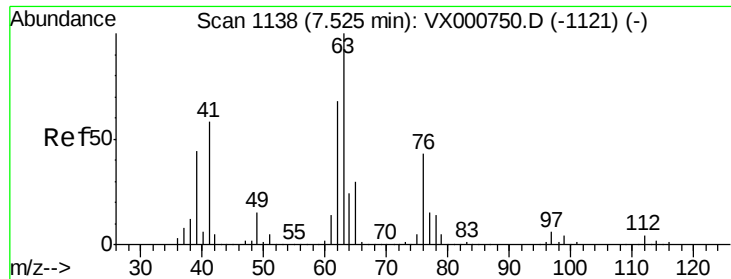


#44

Trichloroethene
 Concen: 20.23 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	187.0





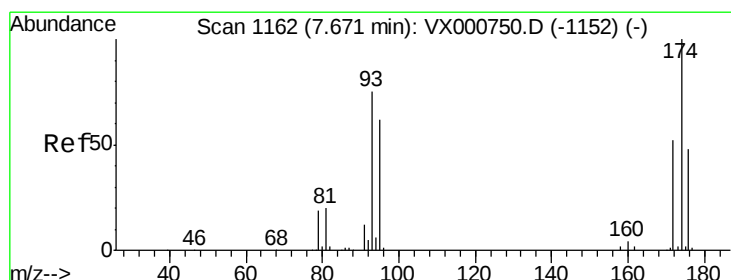
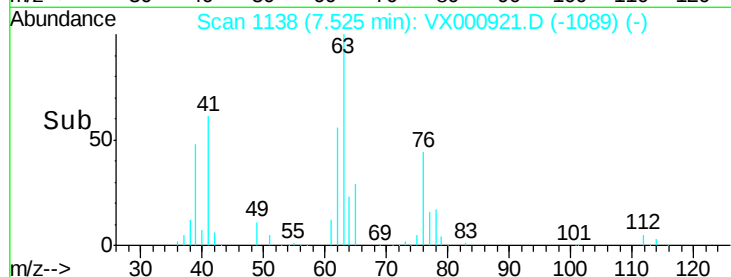
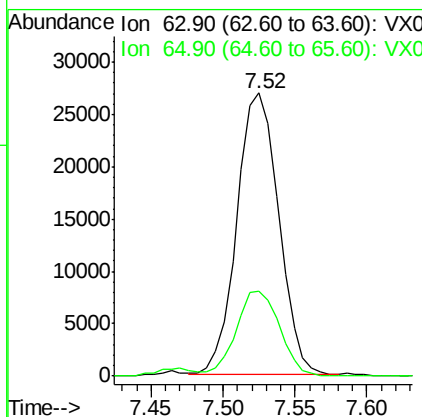
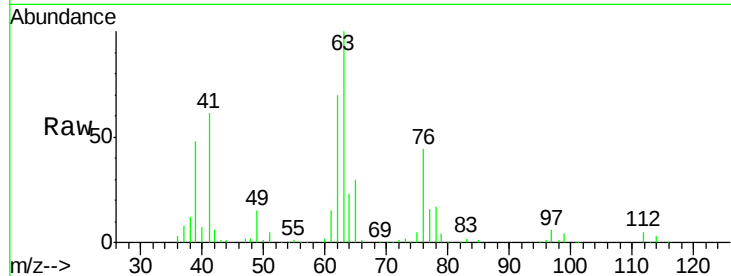
#45
 1,2-Dichloropropane
 Concen: 20.63 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX0416WBS01

Tot Ion: 63 Resp: 54146
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.7 35.5

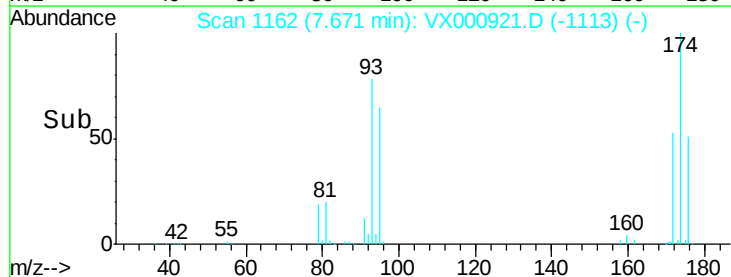
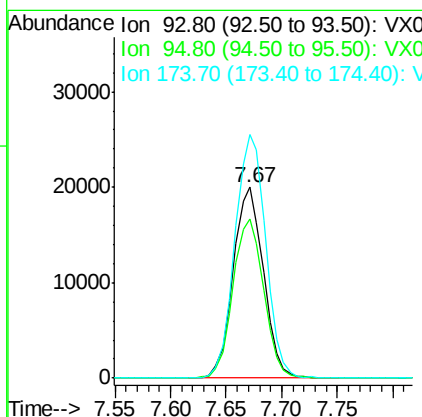
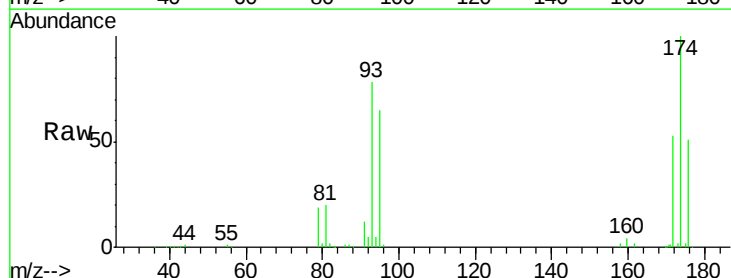
Manual Integrations
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#46
 Dibromomethane
 Concen: 20.65 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Tgt Ion: 93 Resp: 37797
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.6 100.0
 174 129.1 104.5 156.7





#47

Bromodichloromethane

Concen: 19.07 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 83 Resp: 70442

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.4

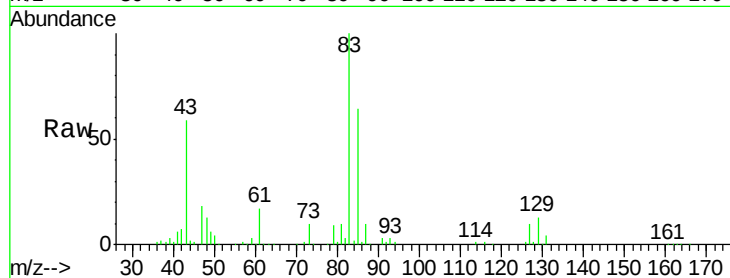
127 9.8 7.8 11.8

Manual Integrations

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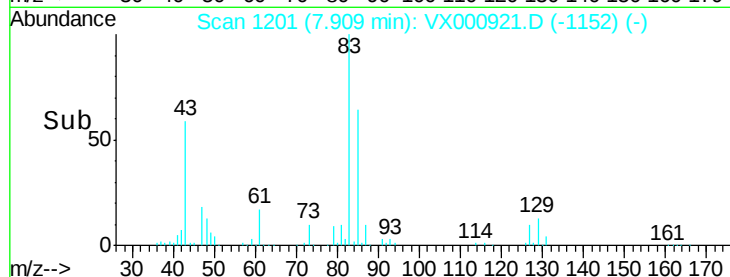
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.91

Time-->



Abundance

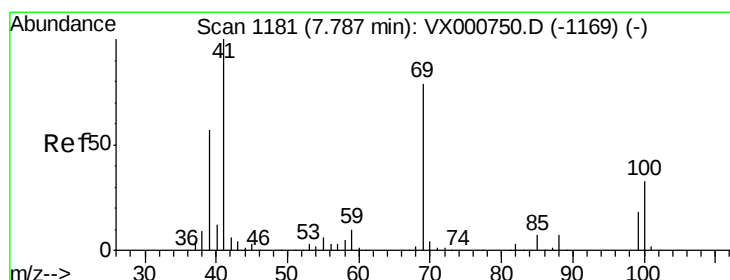
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.91

Time-->



#48

Methyl methacrylate

Concen: 20.91 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

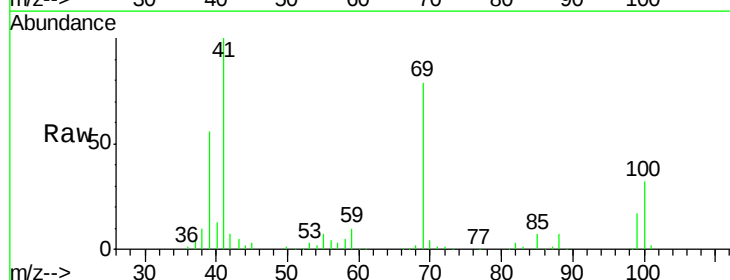
Tgt Ion: 41 Resp: 67303

Ion Ratio Lower Upper

41 100

69 78.8 63.9 95.9

39 56.0 45.9 68.9



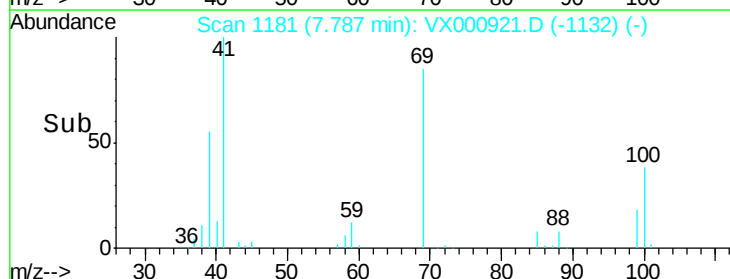
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

7.79

Time-->



Abundance

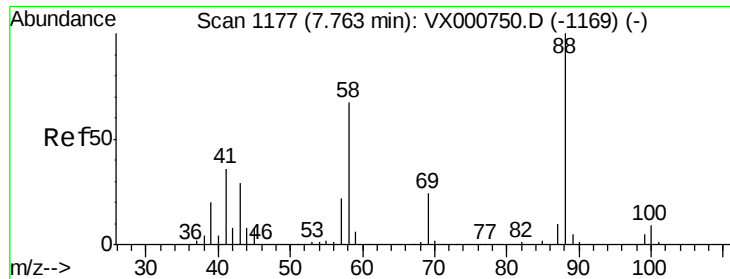
Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

7.79

Time-->



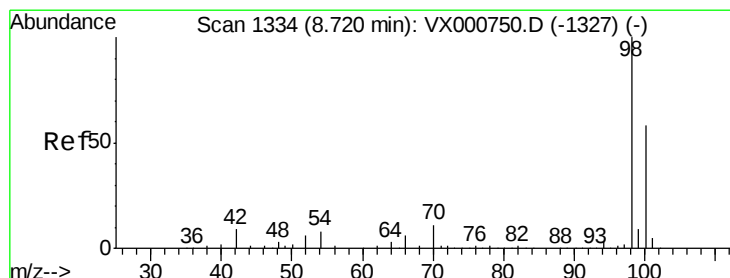
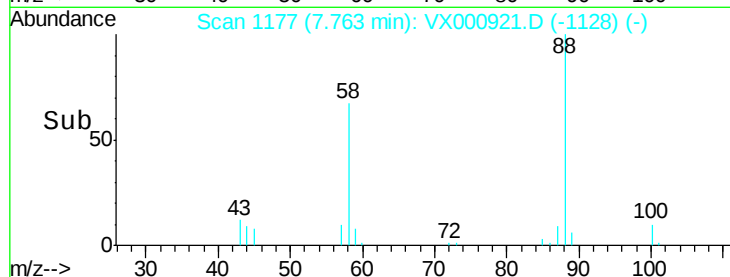
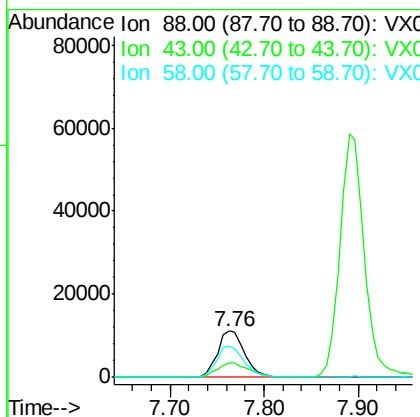
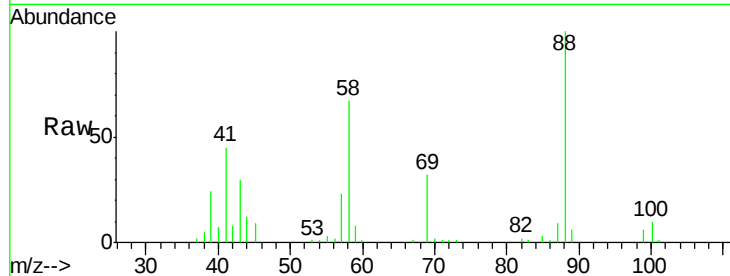
#49
1,4-Dioxane
Concen: 344.16 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	25.8	38.8
58	68.2	54.4	81.6

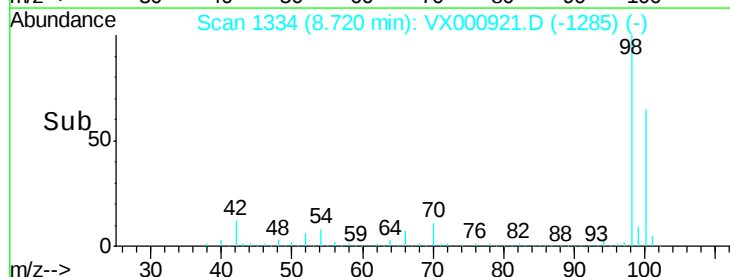
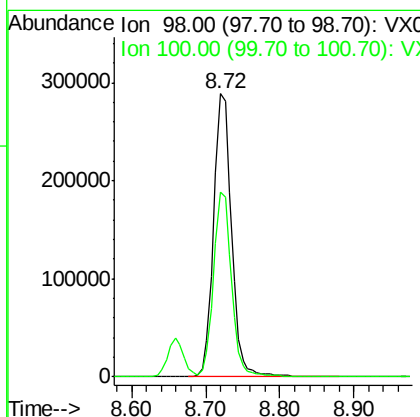
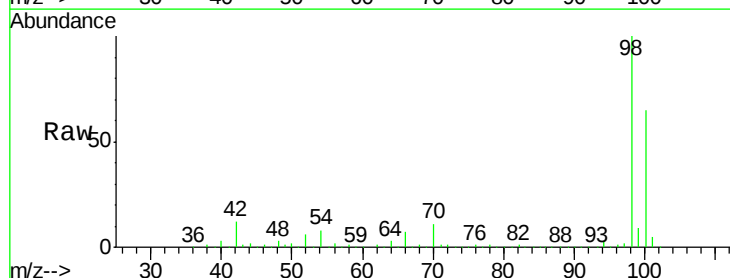
Manual Integrations
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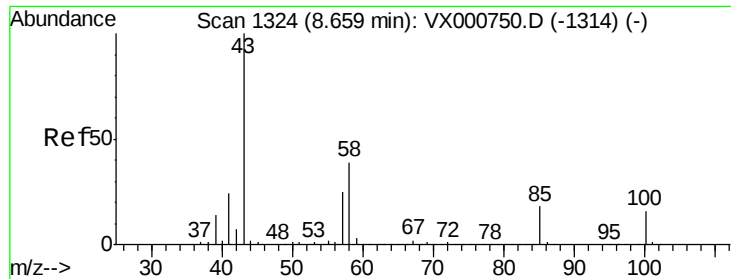
MMDadoda
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#50
Toluene-d8
Concen: 49.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 108.72 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 43 Resp: 396563

Ion Ratio Lower Upper

43 100

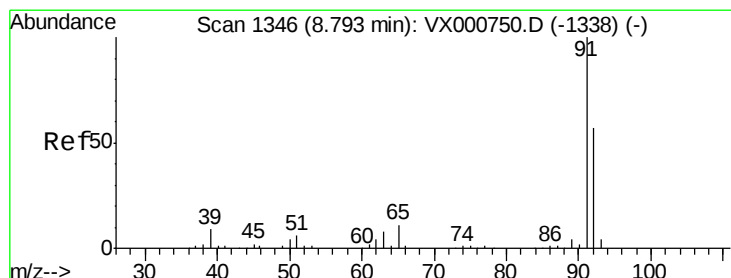
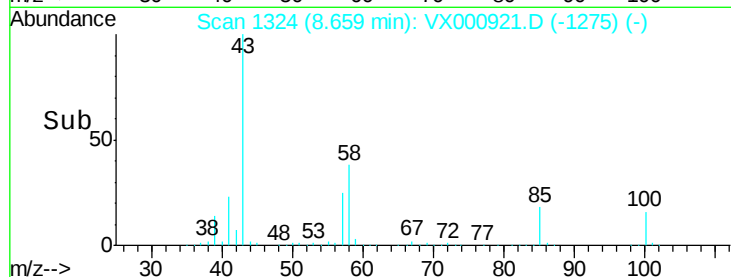
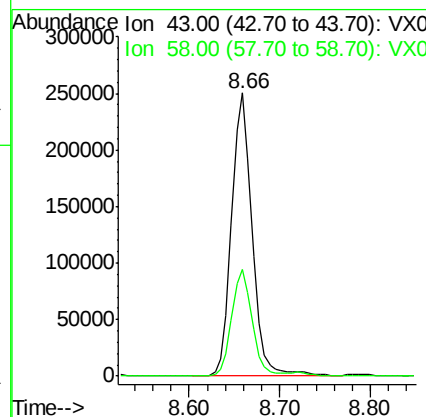
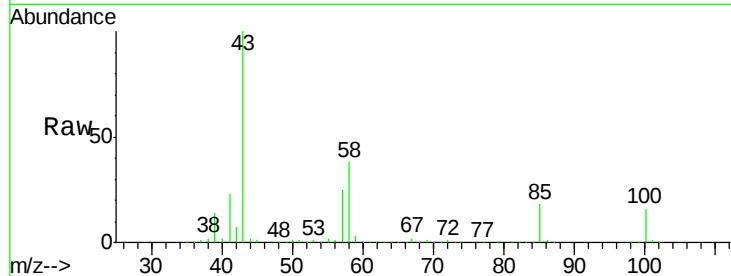
58 37.3 30.3 45.5

Manual Integrations

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#52

Toluene

Concen: 20.75 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000921.D

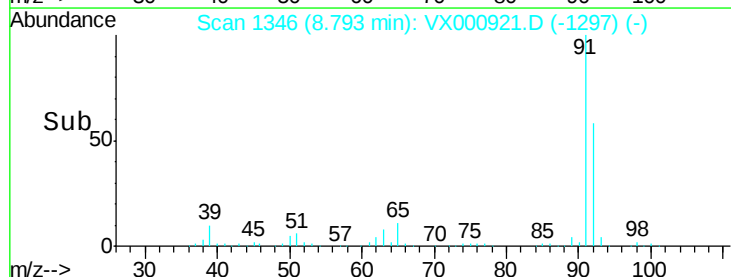
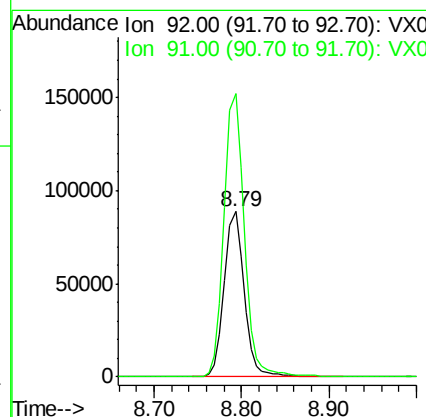
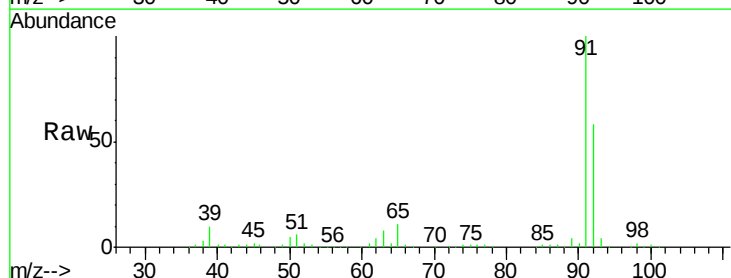
Acq: 16 Apr 2018 16:15

Tgt Ion: 92 Resp: 141904

Ion Ratio Lower Upper

92 100

91 173.7 139.0 208.4





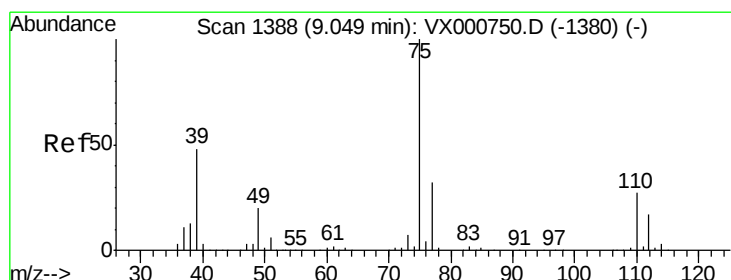
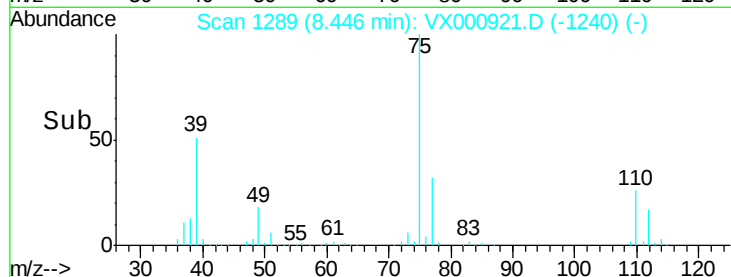
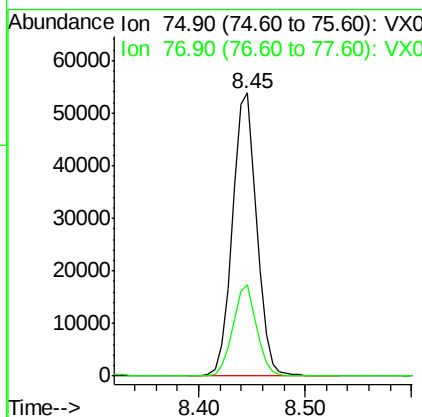
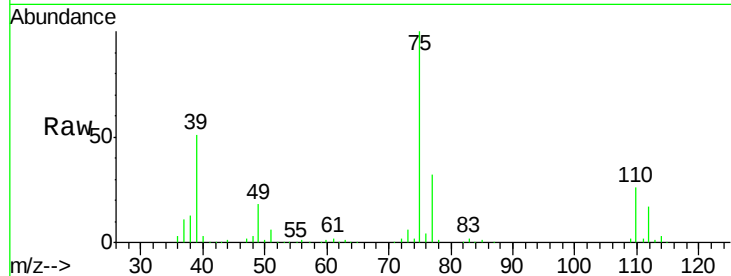
#53
t-1,3-Dichloropropene
Concen: 19.48 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion: 75 Resp: 86293
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2

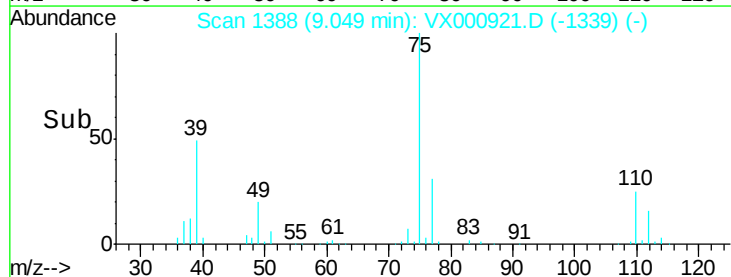
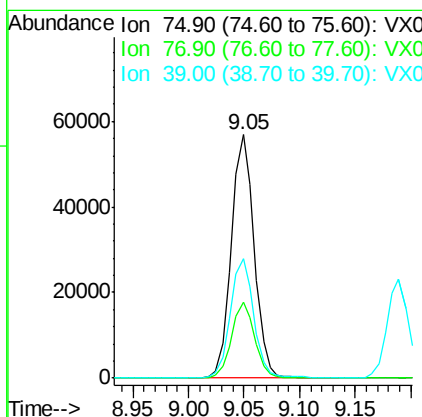
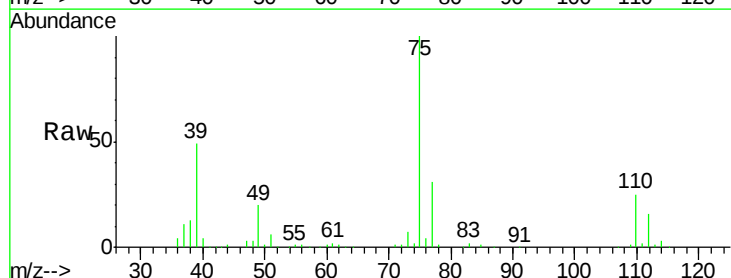
Manual Integrations
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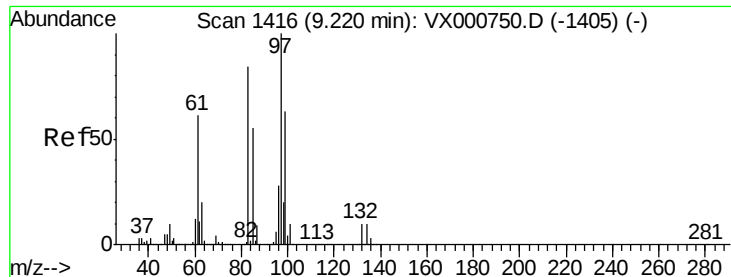
MMDadoda
4/18/2018 2:45:06 PM



#54
cis-1,3-Dichloropropene
Concen: 18.74 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion: 75 Resp: 80874
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2
39 49.0 38.6 58.0





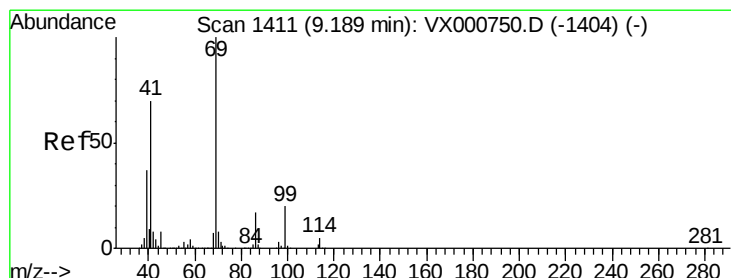
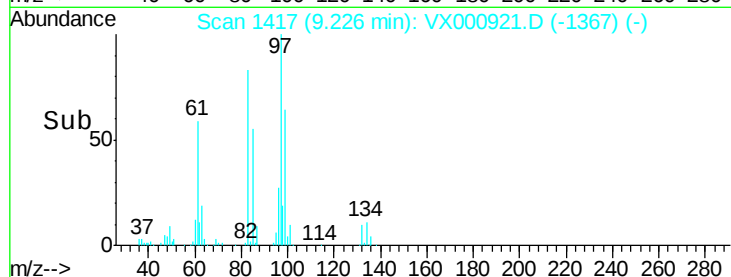
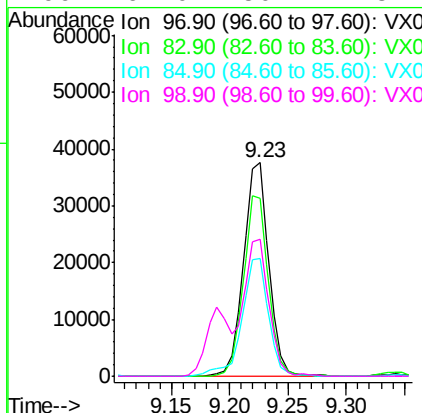
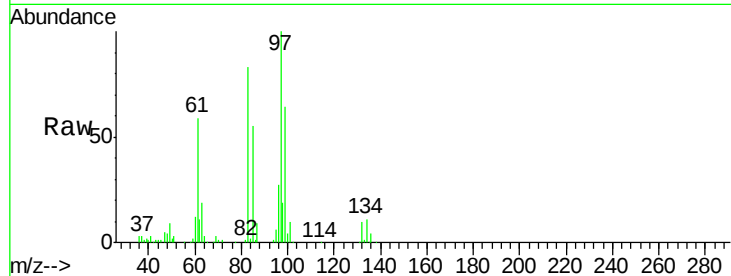
#55
 1,1,2-Trichloroethane
 Concen: 21.02 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion:	97	Resp:	57064
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.6	101.4
85	55.3	43.8	65.6
99	64.0	50.2	75.4

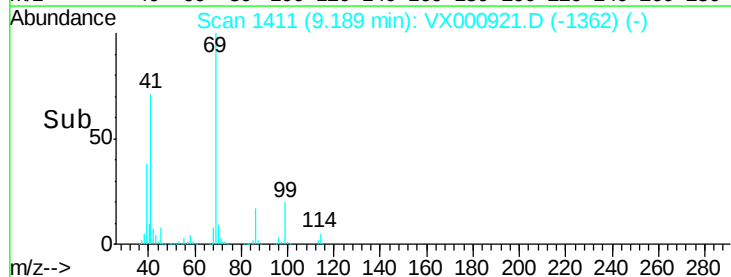
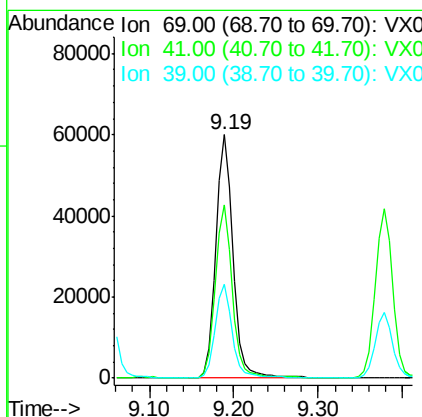
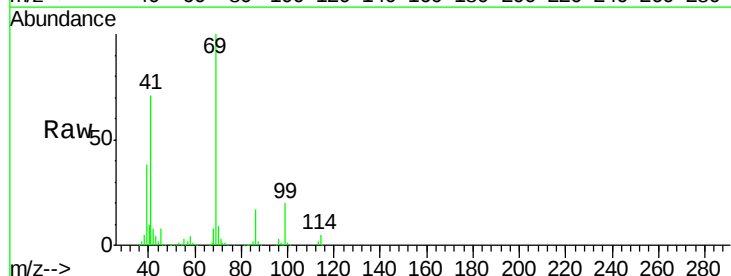
Manual Integrations
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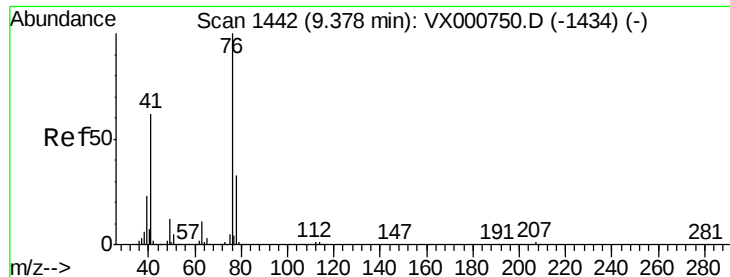
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#56
 Ethyl methacrylate
 Concen: 20.44 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Tgt Ion:	69	Resp:	85608
Ion	Ratio	Lower	Upper
69	100		
41	70.4	55.6	83.4
39	38.1	30.3	45.5





#57

1,3-Dichloropropane

Concen: 21.85 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 76 Resp: 94327

Ion Ratio Lower Upper

76 100

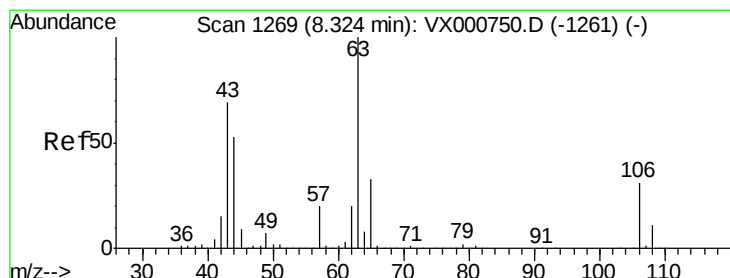
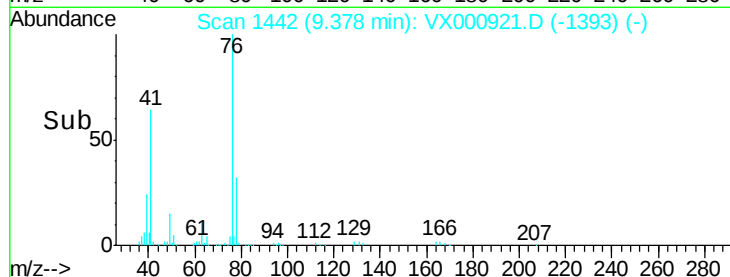
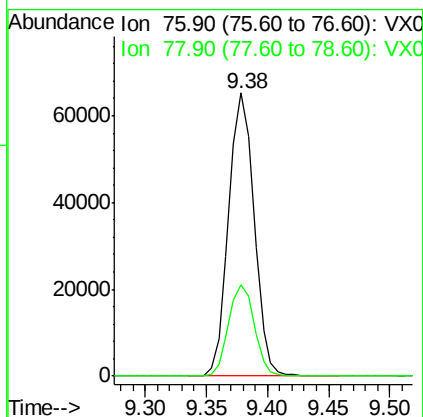
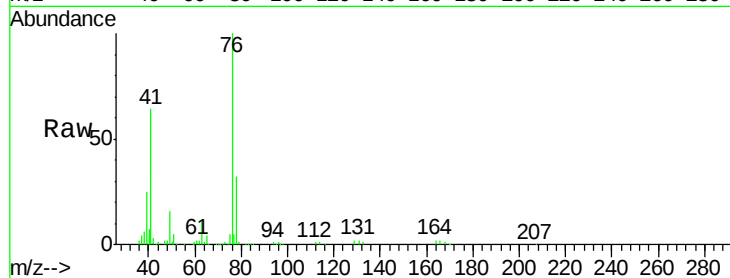
78 32.9 25.8 38.6

Manual Integrations

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MMDadoda

4/18/2018 2:45:06 PM



#58

2-Chloroethyl Vinyl ether

Concen: 112.52 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000921.D

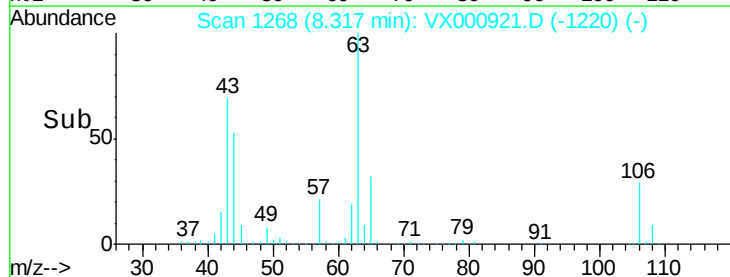
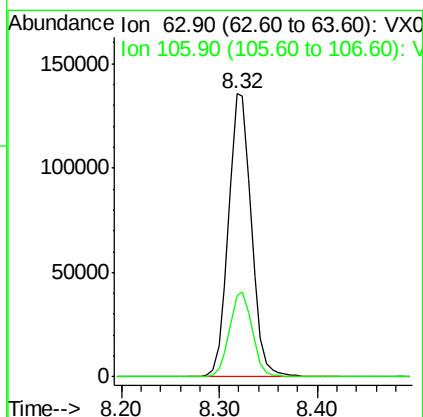
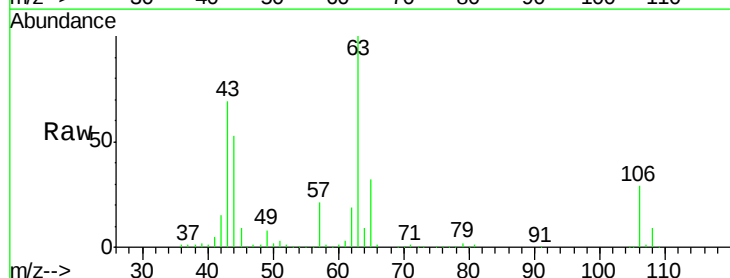
Acq: 16 Apr 2018 16:15

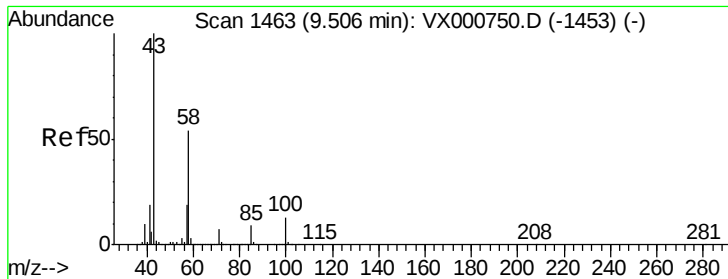
Tgt Ion: 63 Resp: 220196

Ion Ratio Lower Upper

63 100

106 29.9 24.3 36.5





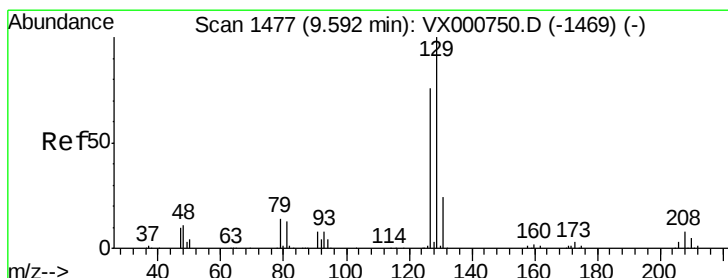
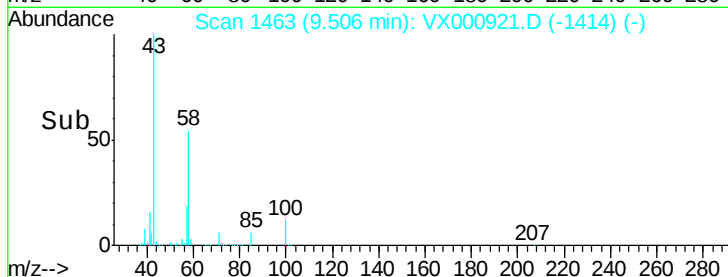
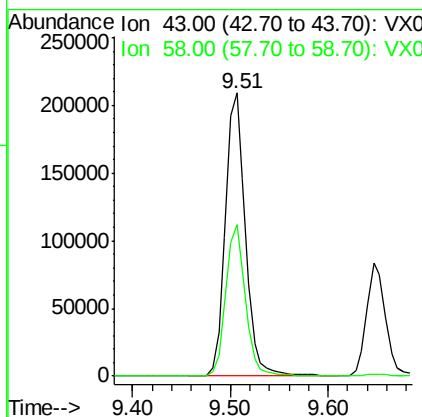
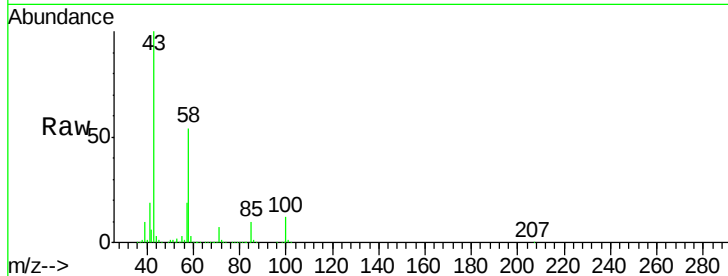
#59
2-Hexanone
Concen: 105.72 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion: 43 Resp: 297714
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5

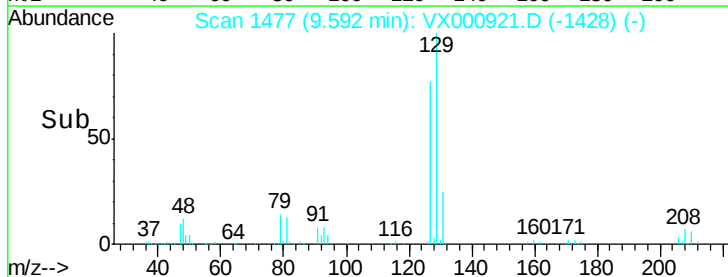
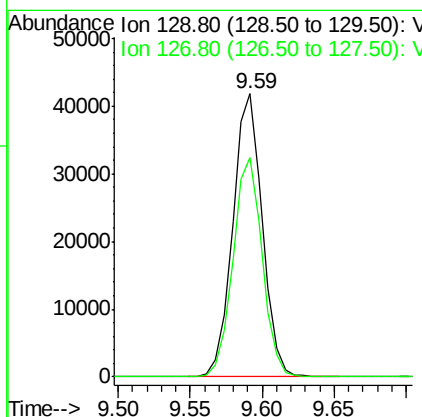
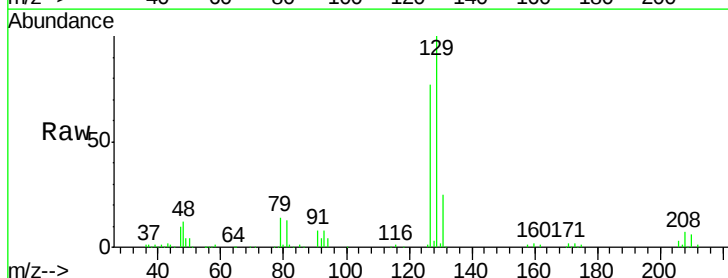
Manual Integrations
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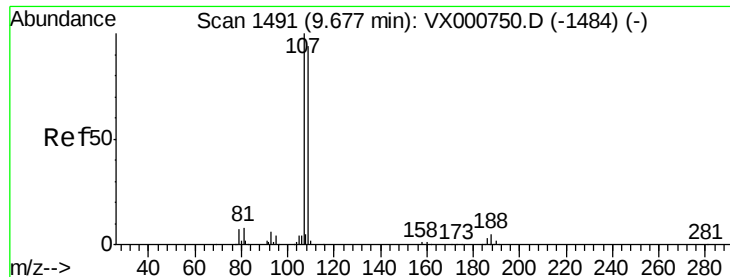
MMDadoda
4/18/2018 2:45:06 PM



#60
Dibromochloromethane
Concen: 18.37 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion: 129 Resp: 59669
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.31 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:107 Resp: 61374

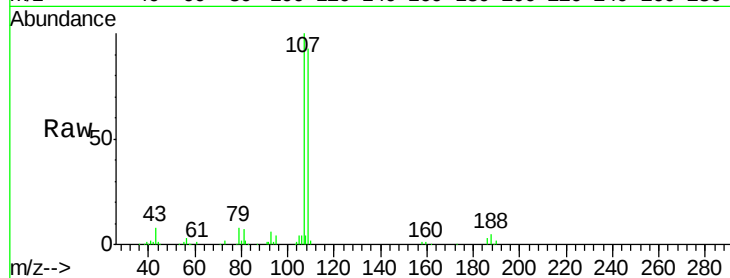
Ion Ratio Lower Upper

107 100

109 94.4 76.2 114.4

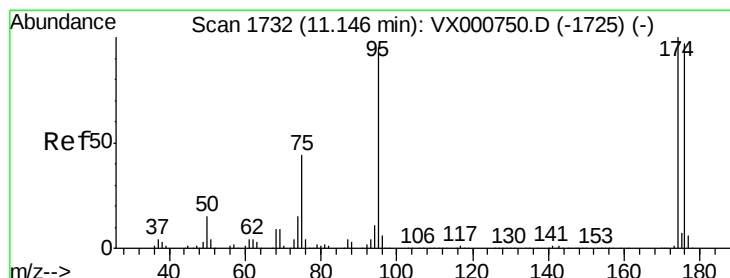
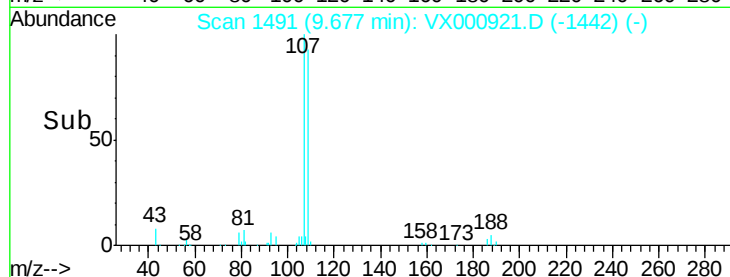
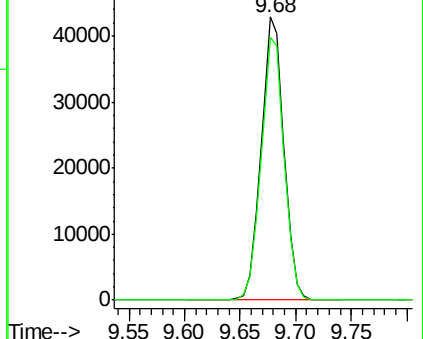
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.83 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

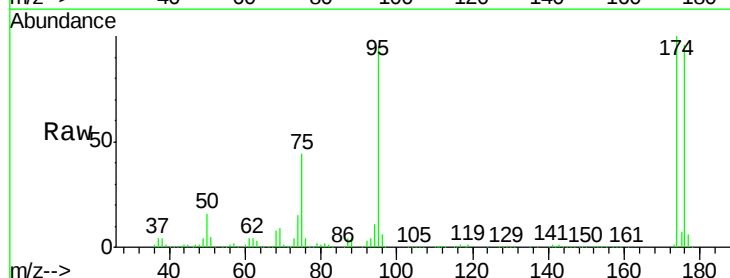
Tgt Ion: 95 Resp: 195229

Ion Ratio Lower Upper

95 100

174 98.8 0.0 198.4

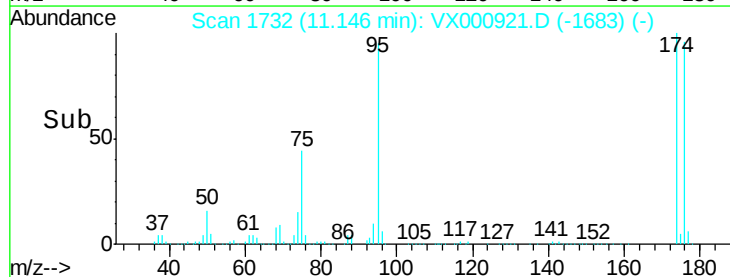
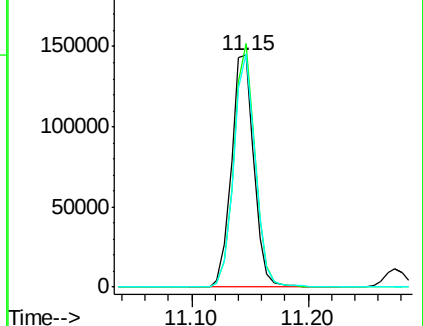
176 96.1 0.0 194.4



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





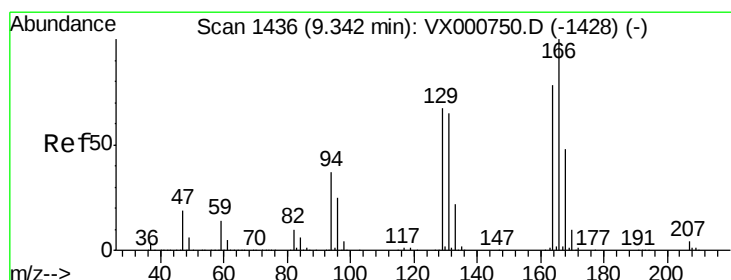
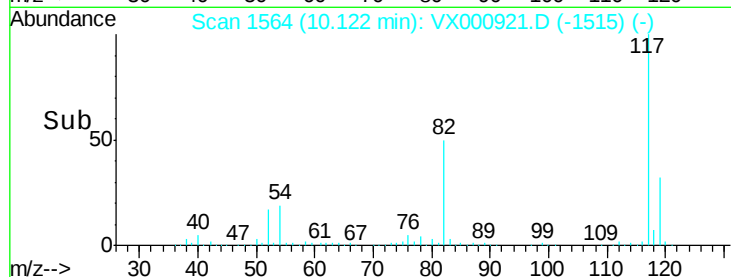
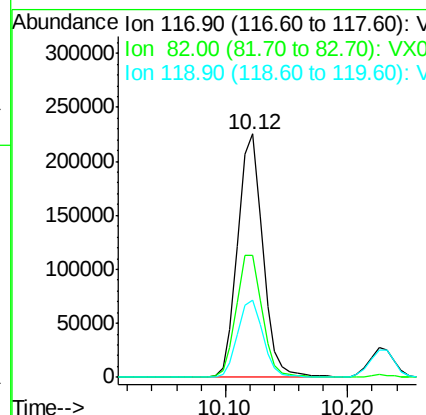
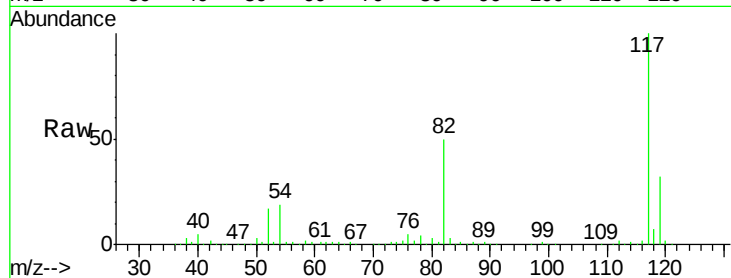
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	41.9	62.9
119	31.8	26.0	39.0

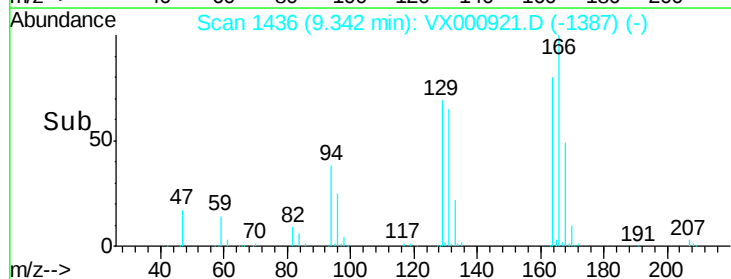
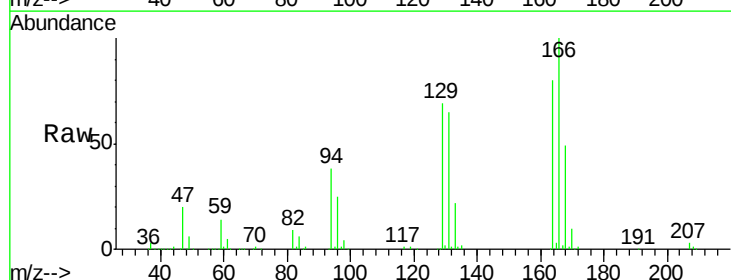
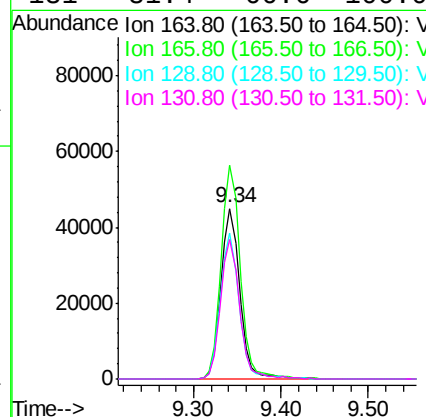
Manual Integrations
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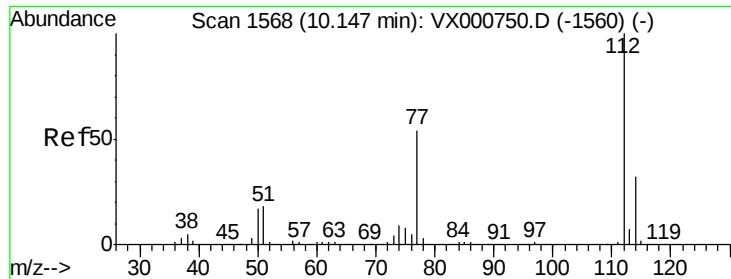
MMDadoda
4/18/2018 2:45:06 PM



#64
Tetrachloroethene
Concen: 21.60 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	102.8	154.2
129	85.7	68.5	102.7
131	81.4	66.6	100.0





#65

Chlorobenzene

Concen: 20.87 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:112 Resp: 167613

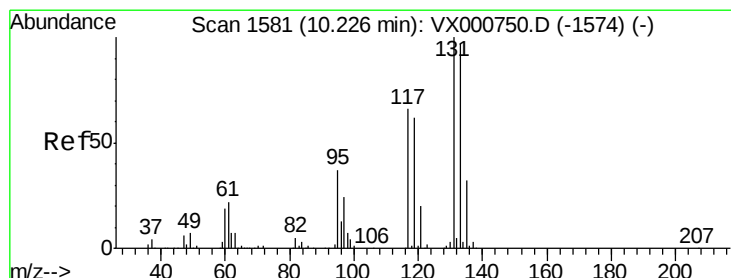
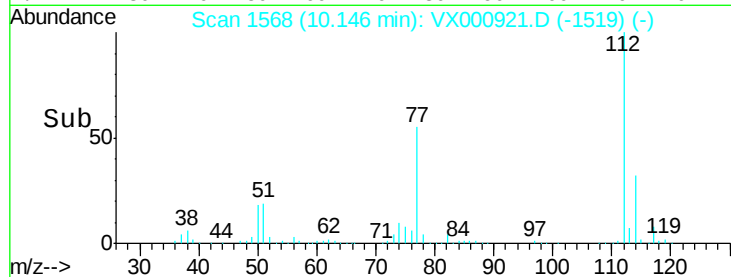
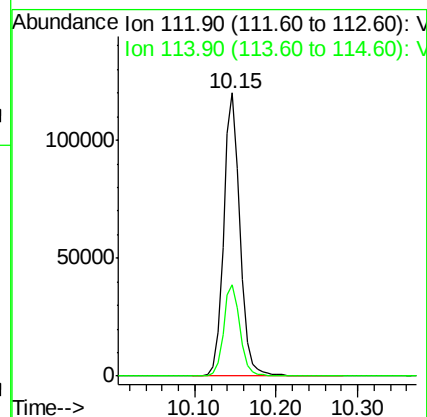
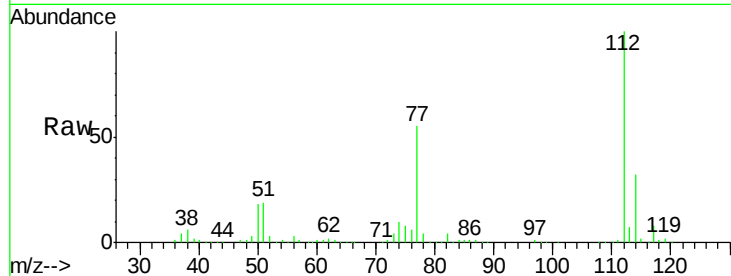
Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.58 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

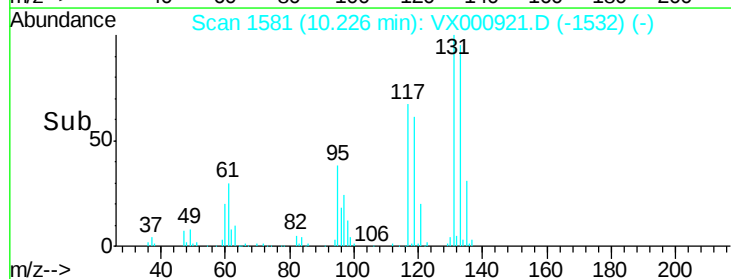
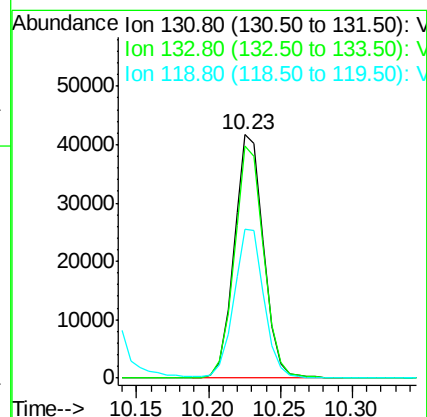
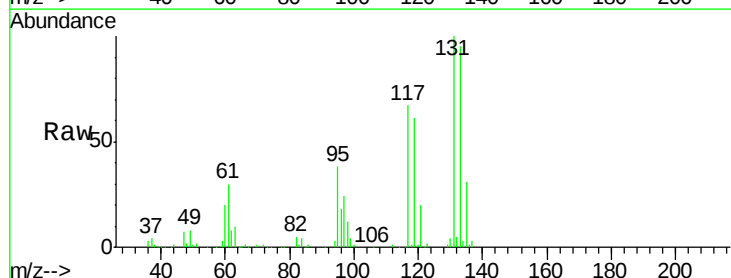
Tgt Ion:131 Resp: 59186

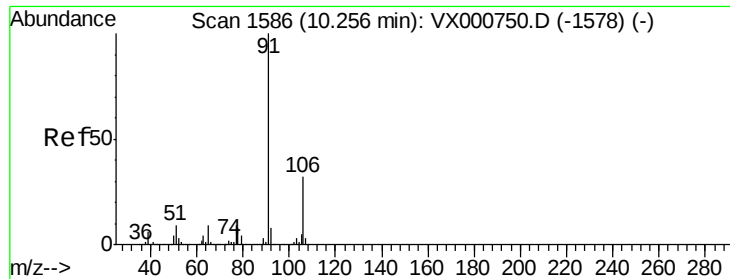
Ion Ratio Lower Upper

131 100

133 95.8 48.3 144.9

119 63.1 31.4 94.0





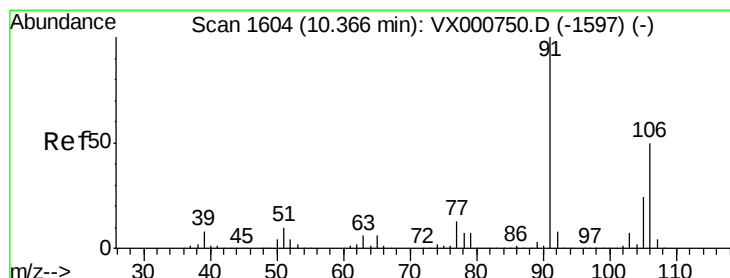
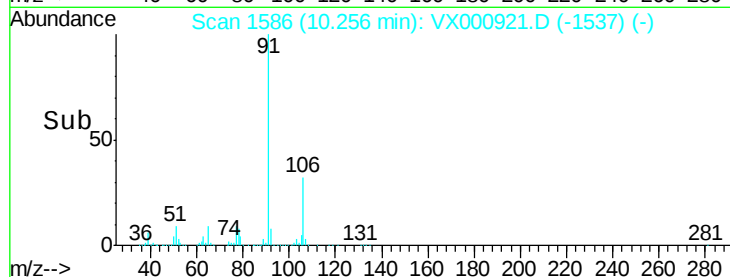
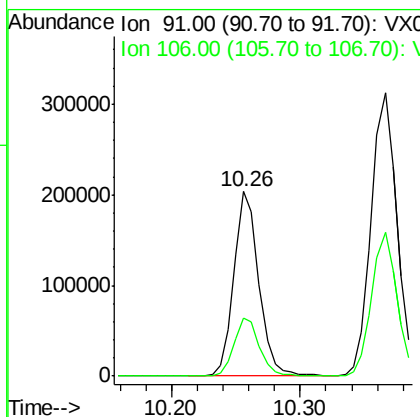
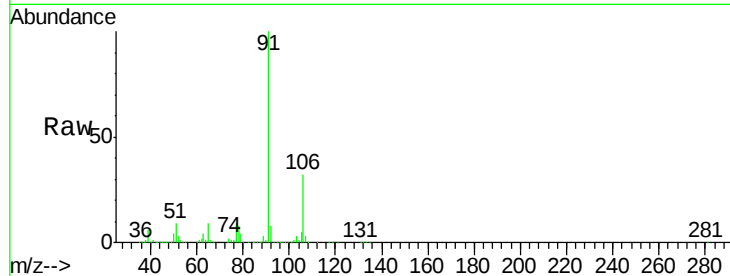
#67
Ethyl Benzene
Concen: 20.74 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion: 91 Resp: 277746
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

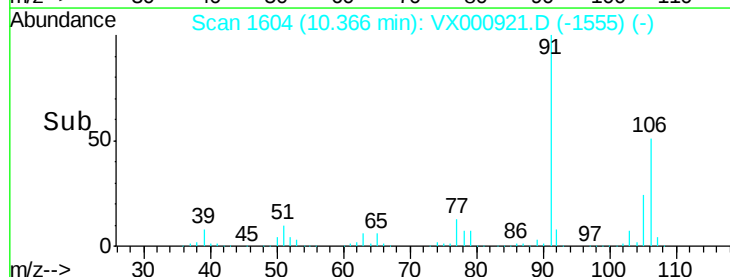
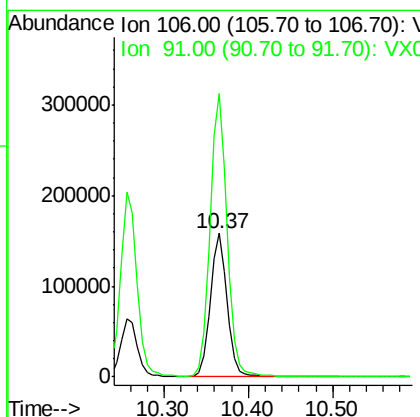
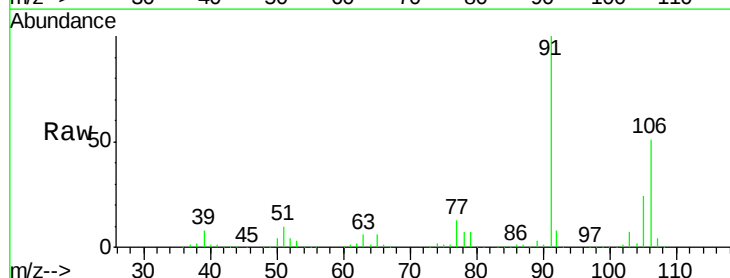
Manual Integrations
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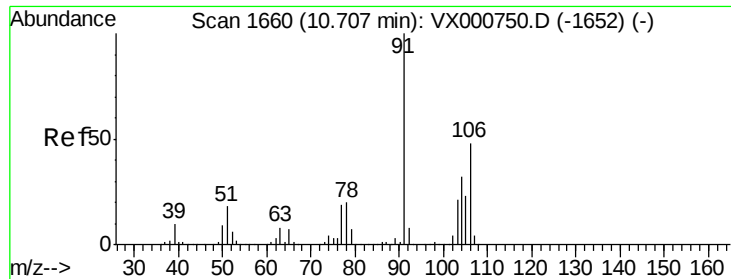
MMDadoda
4/18/2018 2:45:06 PM



#68
m/p-Xylenes
Concen: 41.32 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion: 106 Resp: 218367
Ion Ratio Lower Upper
106 100
91 200.4 159.3 238.9





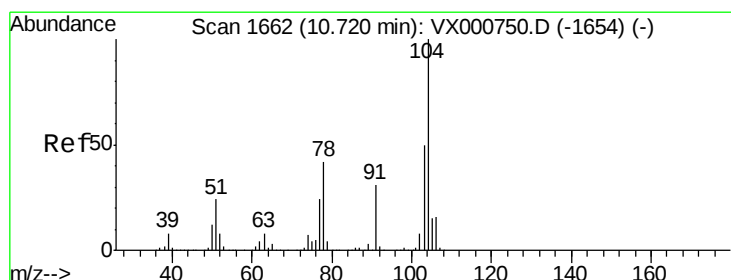
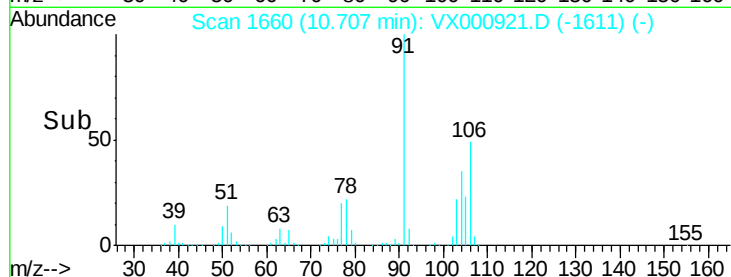
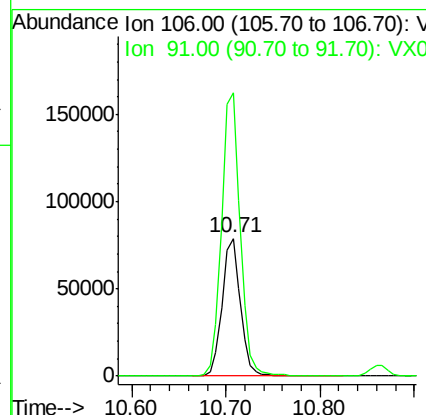
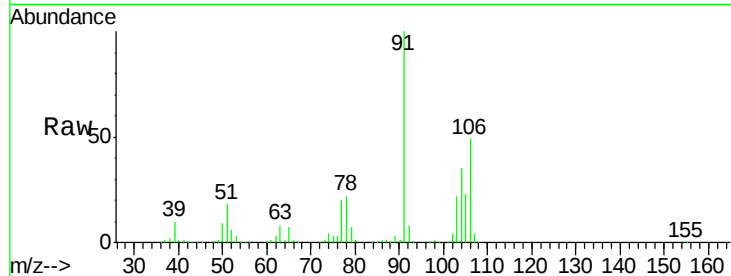
#69
o-Xylene
Concen: 20.82 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.6	105.0	315.0

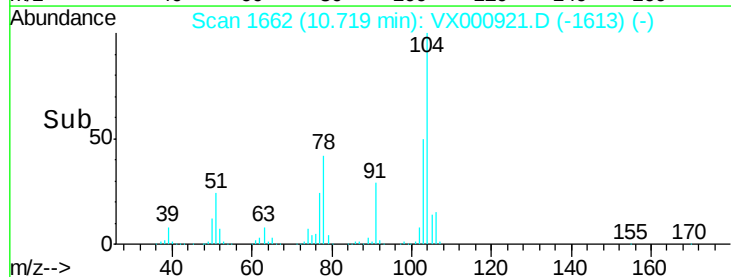
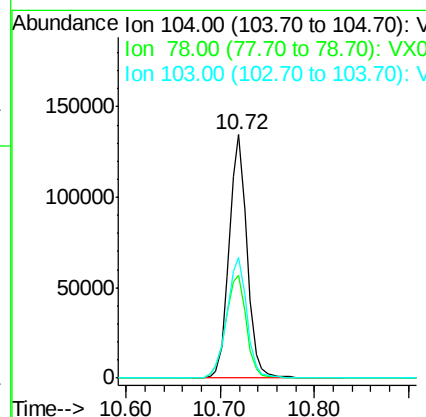
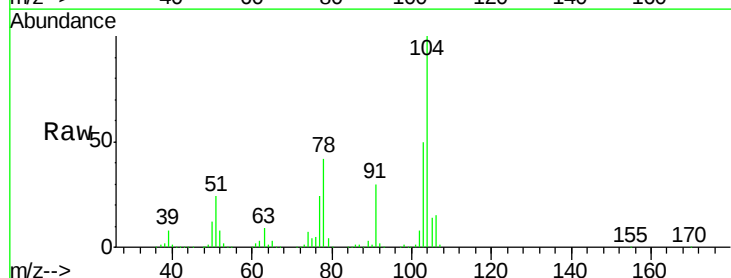
Manual Integrations
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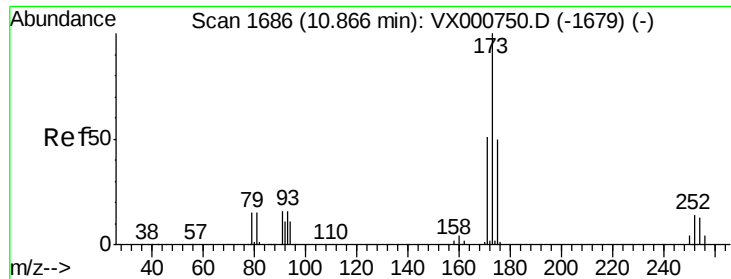
MMDadoda
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#70
Styrene
Concen: 20.77 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	39.0	58.6
103	55.2	44.1	66.1





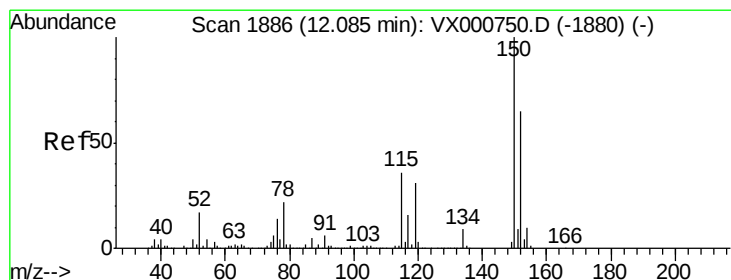
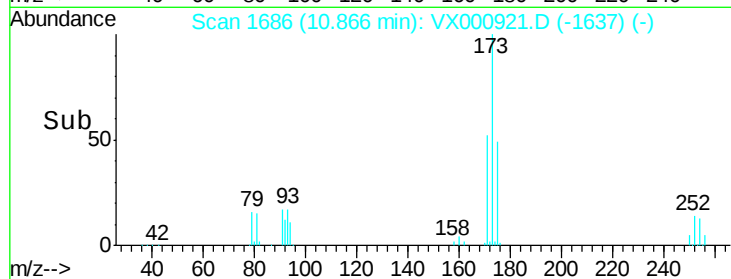
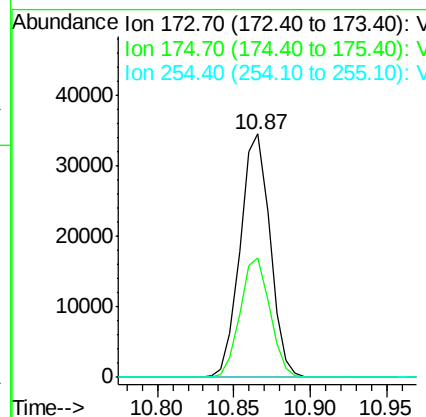
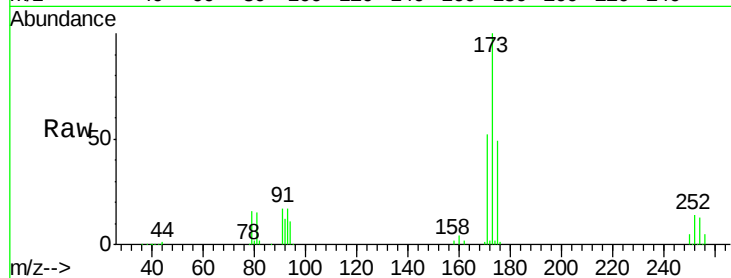
#71
Bromoform
Concen: 16.75 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.5	73.5
254	0.2	0.2	0.2

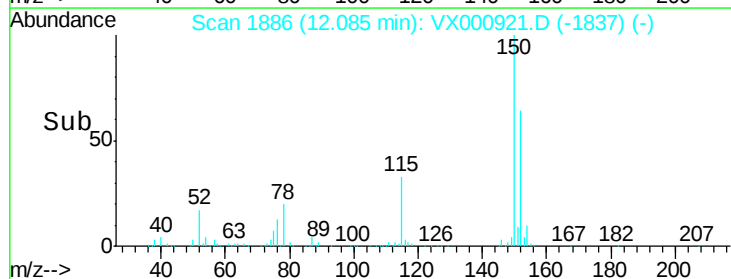
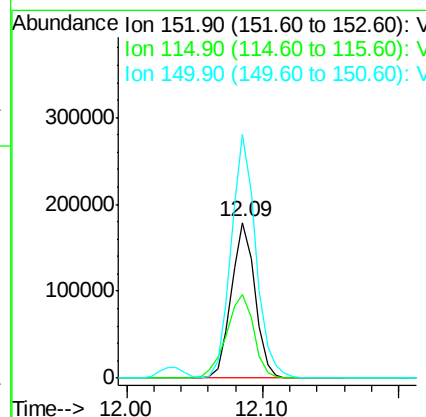
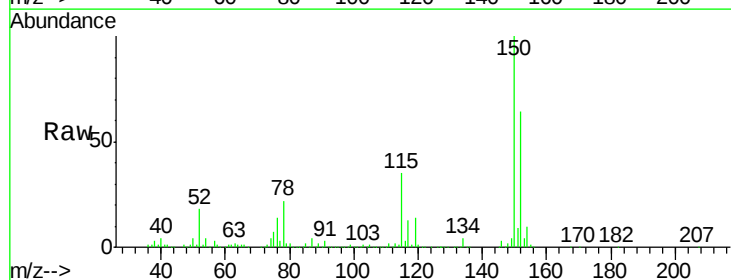
Manual Integrations
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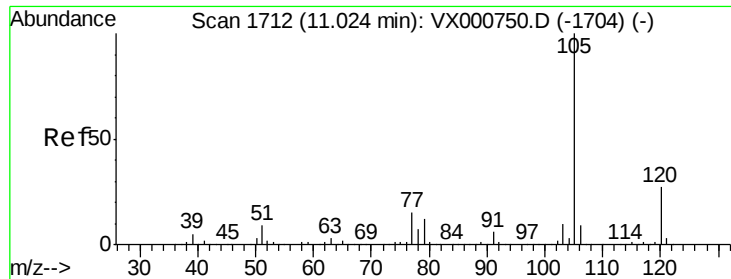
MMDadoda
4/18/2018 2:45:06 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	37.9	113.7
150	163.4	0.0	348.0





#73

Isopropylbenzene

Concen: 21.00 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 105 Resp: 287236

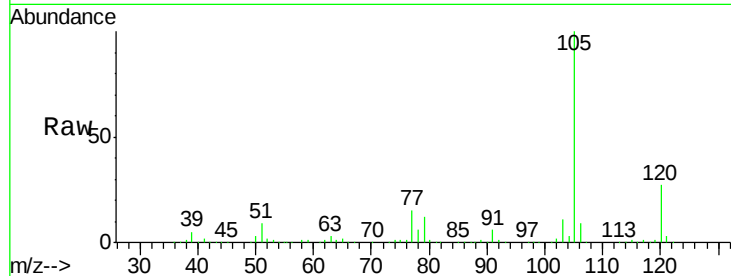
Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0

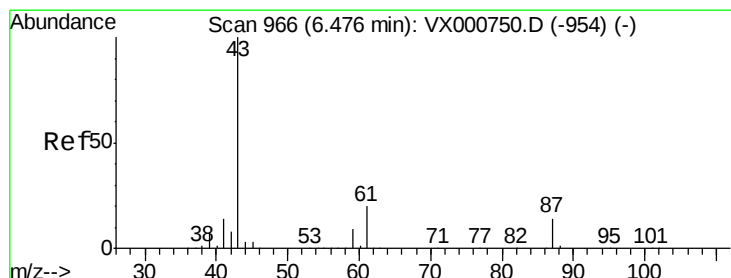
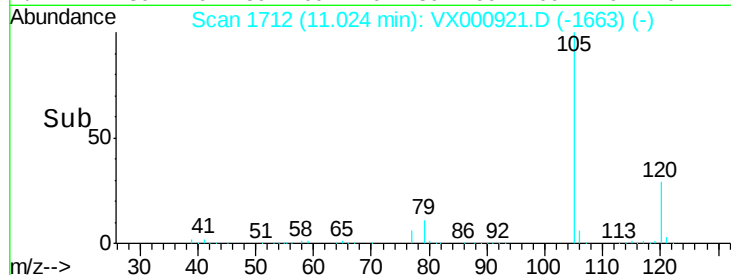
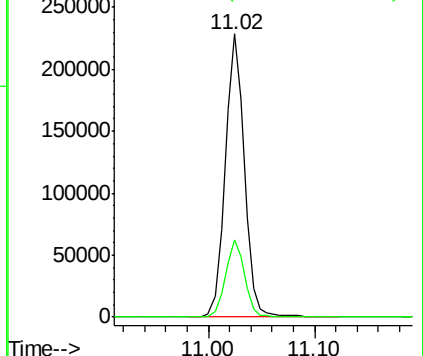
Manual Integrations
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MMDadoda
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.68 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Tgt Ion: 43 Resp: 127378

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

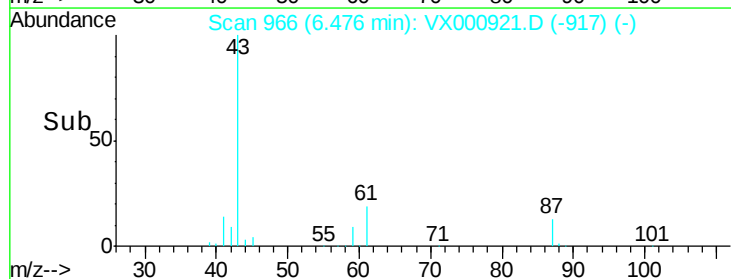
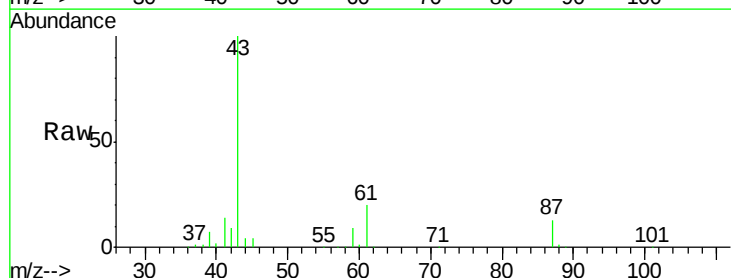
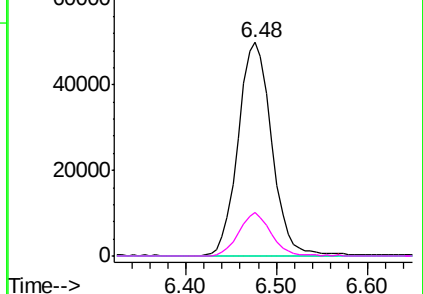
61 19.6 15.6 23.4

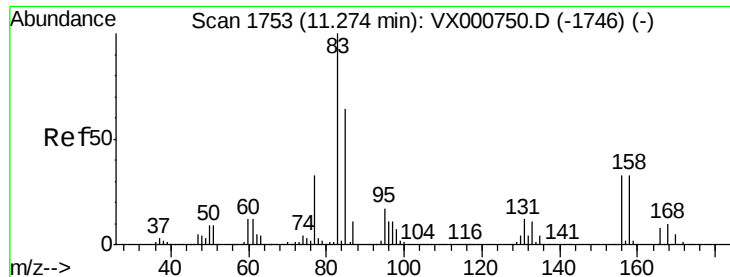
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.33 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 83 Resp: 84655

Ion Ratio Lower Upper

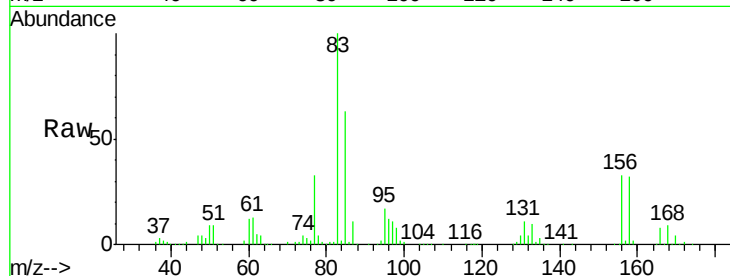
83 100

131 11.6 6.0 18.0

85 63.3 32.3 96.8

Manual Integrations
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MMDadoda
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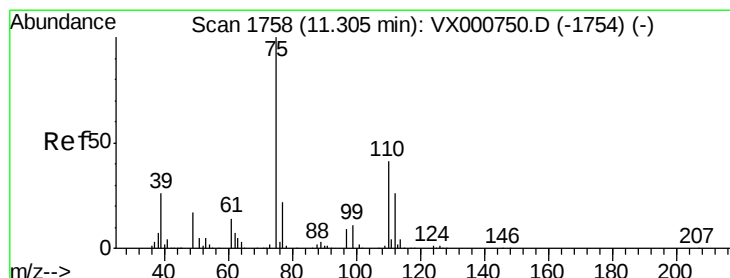
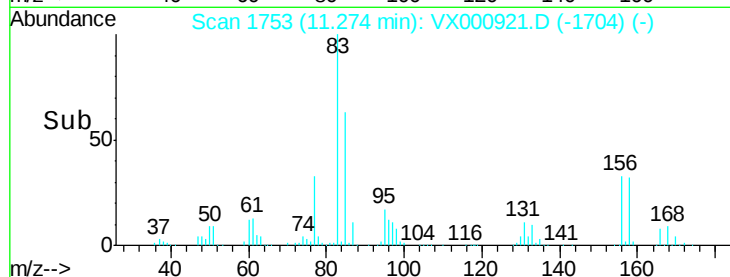
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 23.96 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000921.D

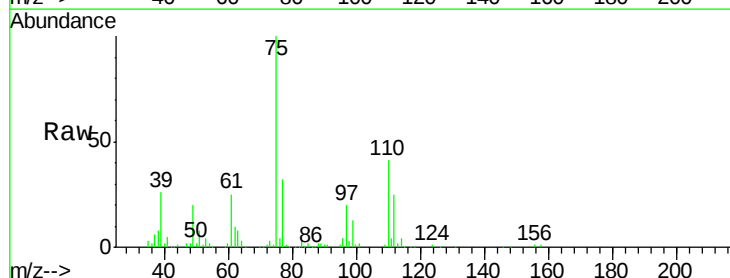
Acq: 16 Apr 2018 16:15

Tgt Ion: 75 Resp: 89073

Ion Ratio Lower Upper

75 100

77 33.9 20.5 61.5

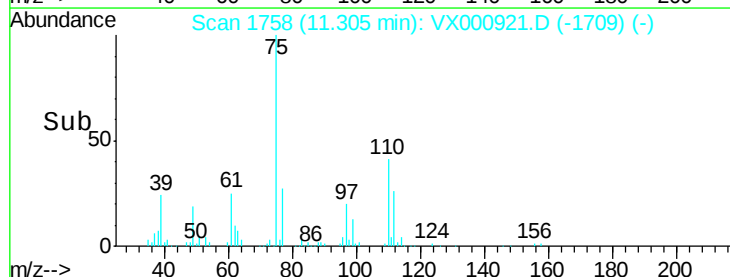


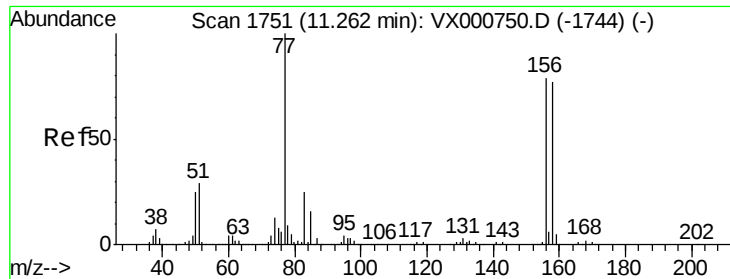
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.30

Time-->





#77

Bromobenzene

Concen: 20.72 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:156 Resp: 83038

Ion Ratio Lower Upper

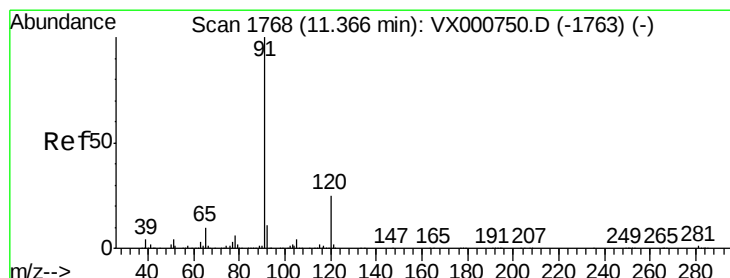
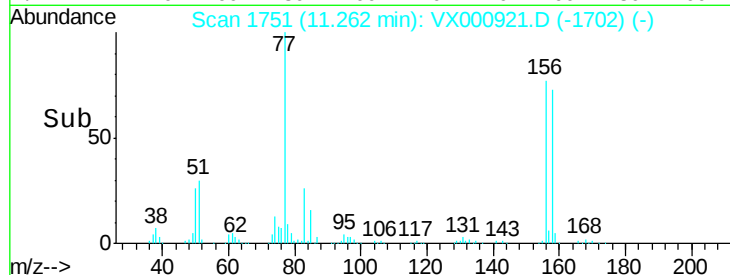
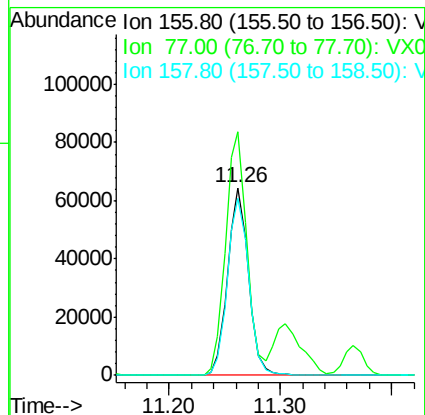
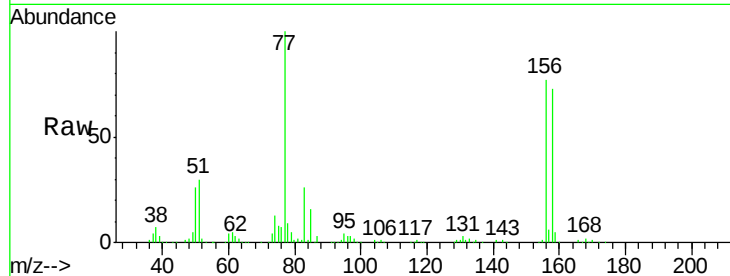
156 100

77 133.7 66.0 198.2

158 97.3 48.8 146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.71 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000921.D

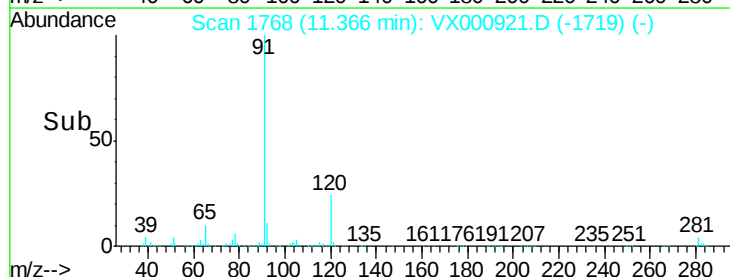
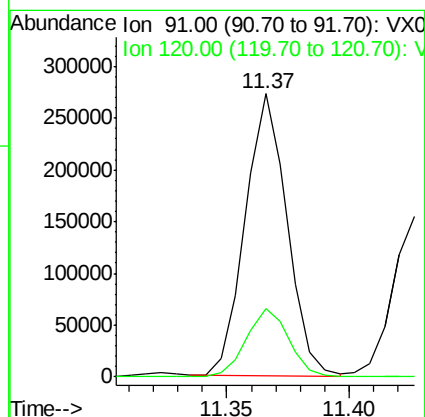
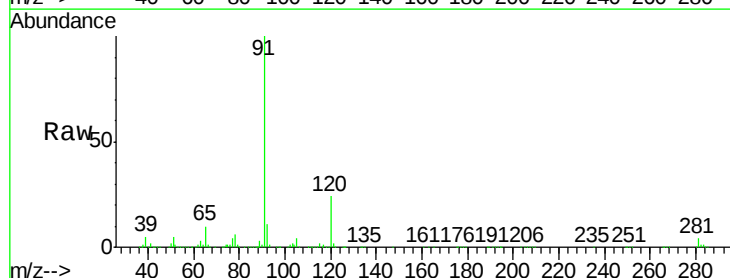
Acq: 16 Apr 2018 16:15

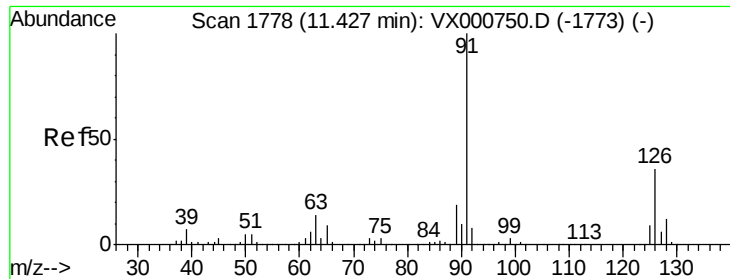
Tgt Ion: 91 Resp: 323985

Ion Ratio Lower Upper

91 100

120 24.9 12.6 37.6





#79

2-Chlorotoluene

Concen: 20.85 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 91 Resp: 192769

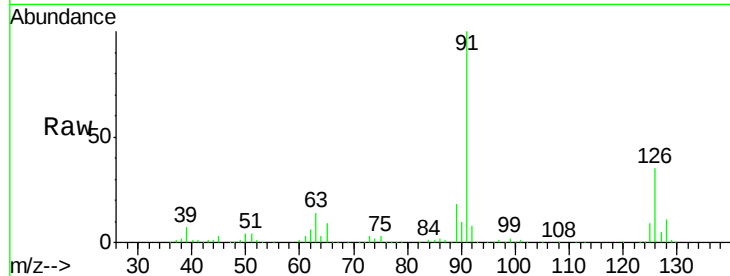
Ion Ratio Lower Upper

91 100

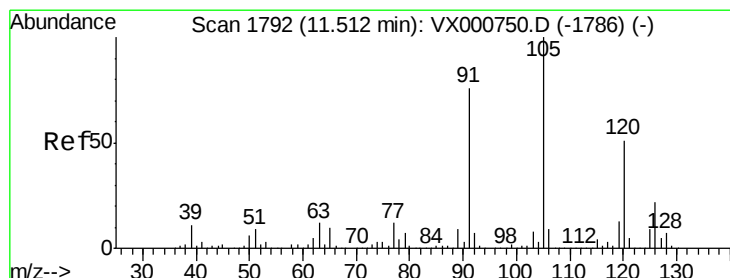
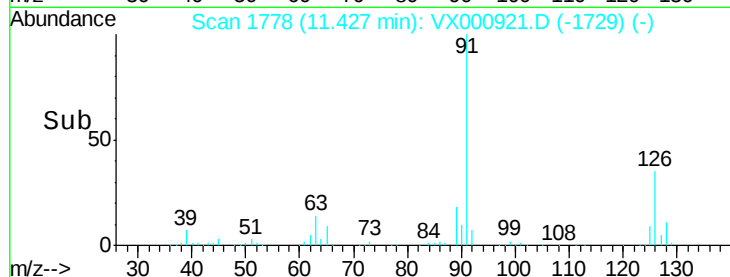
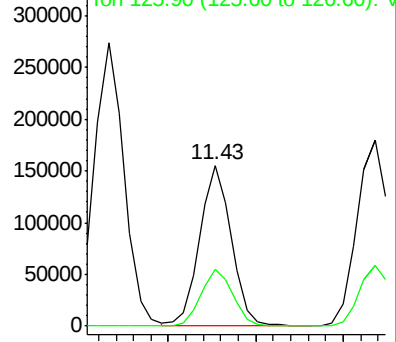
126 36.4 18.3 54.9

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Abundance Ion 91.00 (90.70 to 91.70): VX000750.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.62 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000921.D

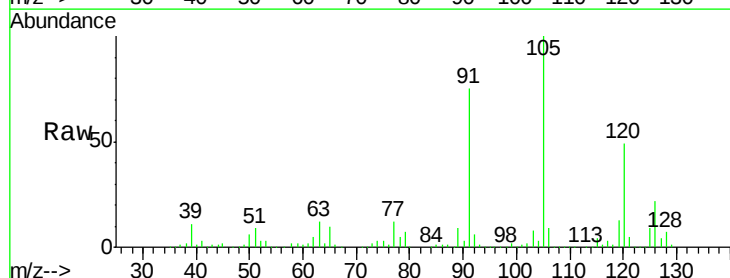
Acq: 16 Apr 2018 16:15

Tgt Ion: 105 Resp: 242541

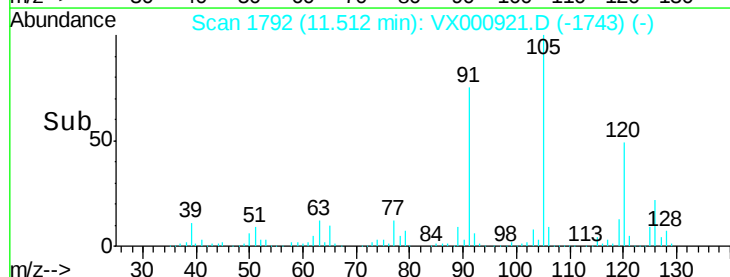
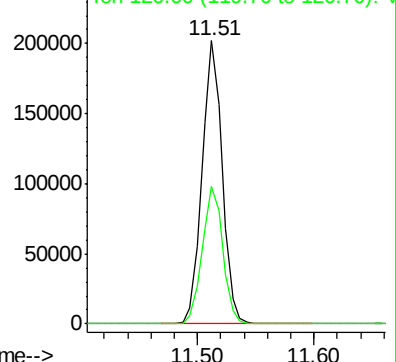
Ion Ratio Lower Upper

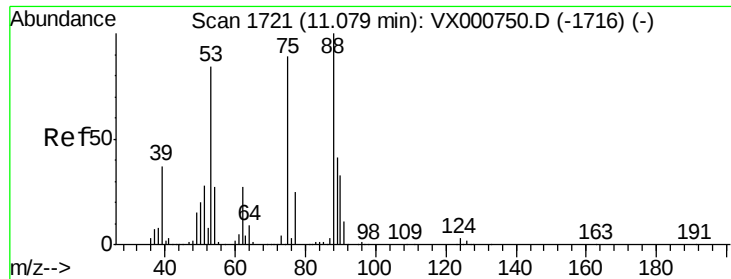
105 100

120 49.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000750.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.99 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

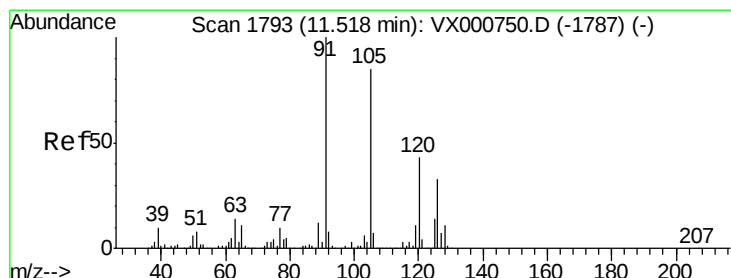
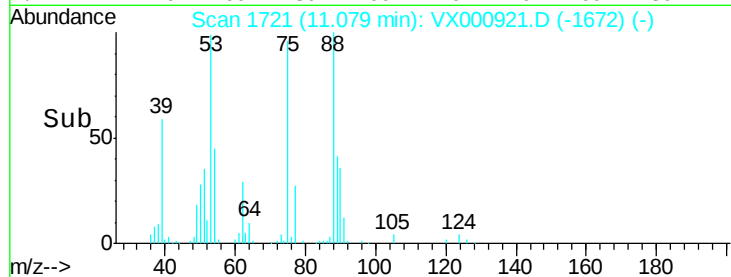
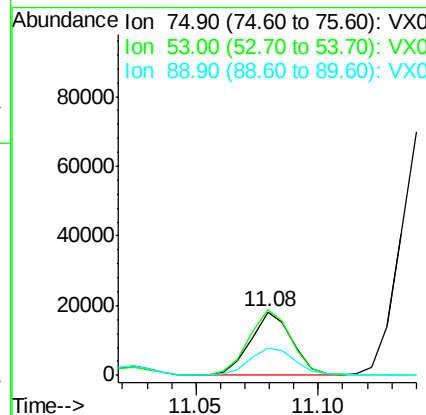
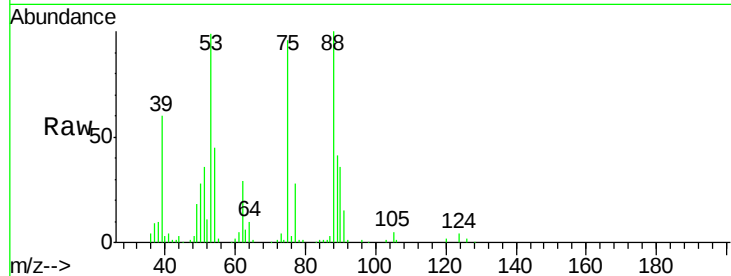
ClientSampleId :

VX0416WBS01

Tot Ion:	75	Resp:	21613
Ion	Ratio	Lower	Upper
75	100		
53	106.5	75.4	113.0
89	48.5	40.9	61.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.73 ug/l

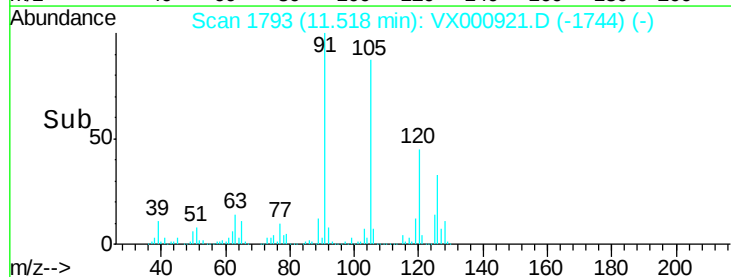
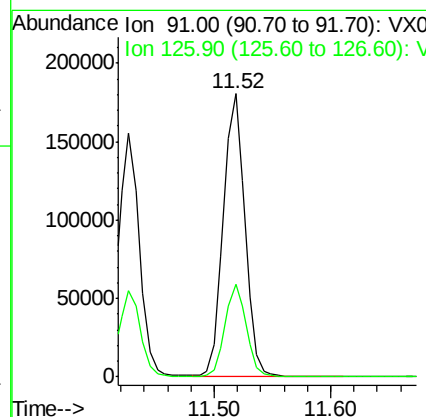
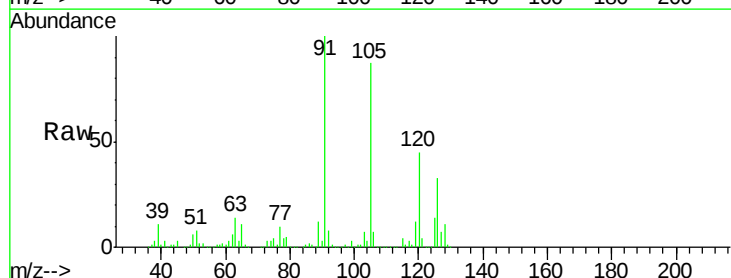
RT: 11.52 min Scan# 1793

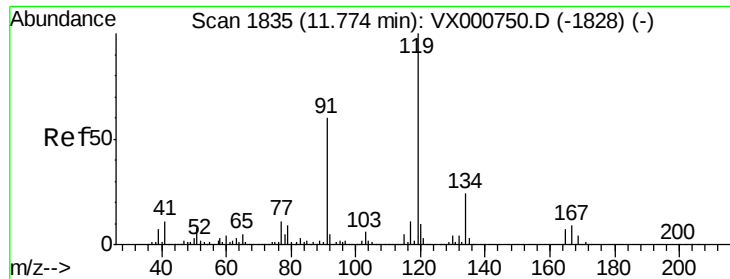
Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Tgt Ion:	91	Resp:	231318
Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.2	48.6





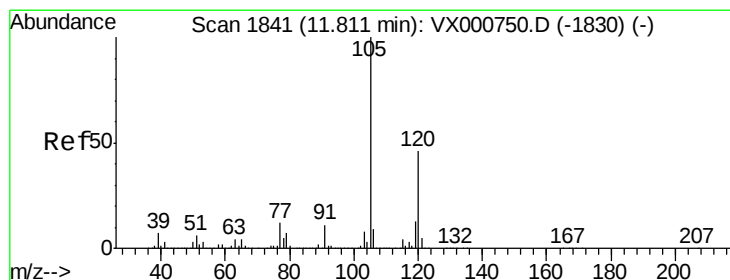
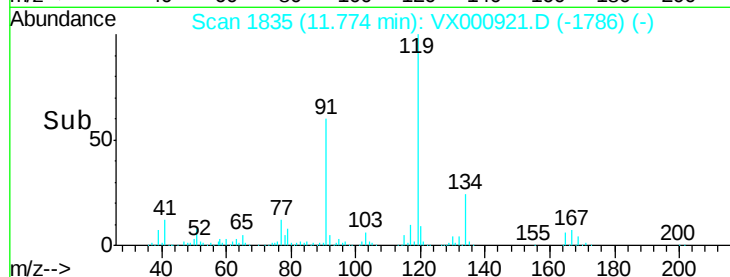
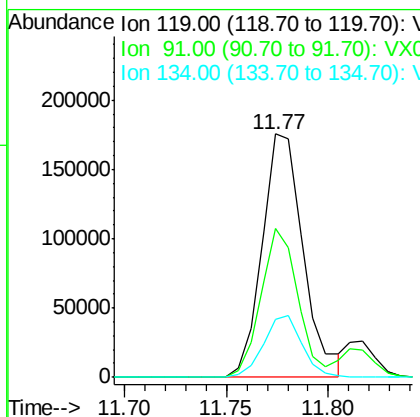
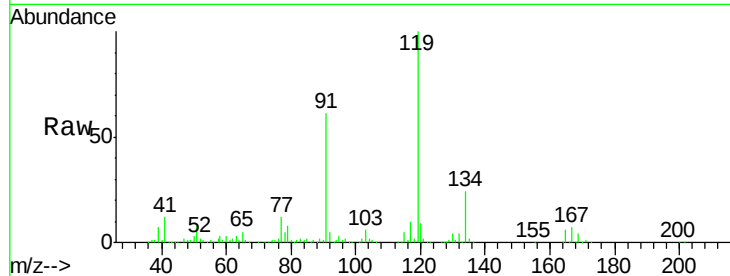
#83
tert-Butylbenzene
Concen: 20.55 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	247295		
91	54.9	26.8	80.3	
134	23.8	11.5	34.4	

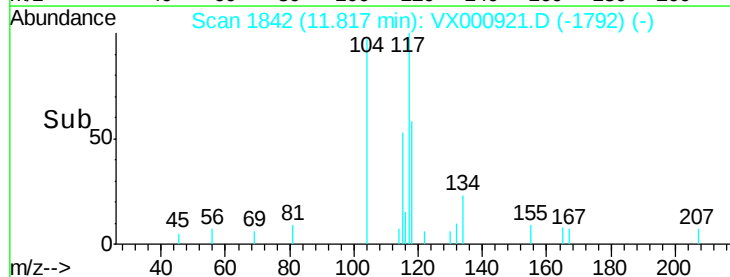
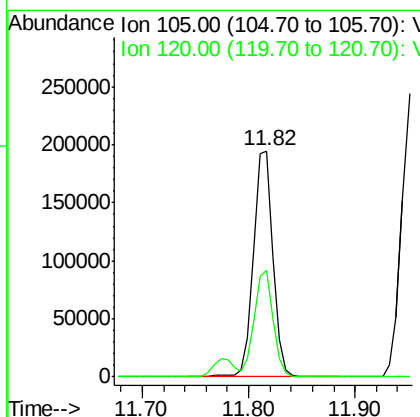
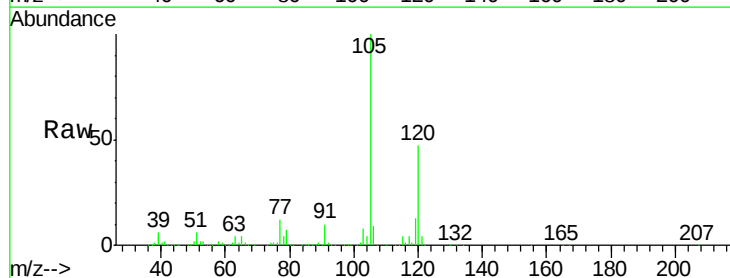
Manual Integrations
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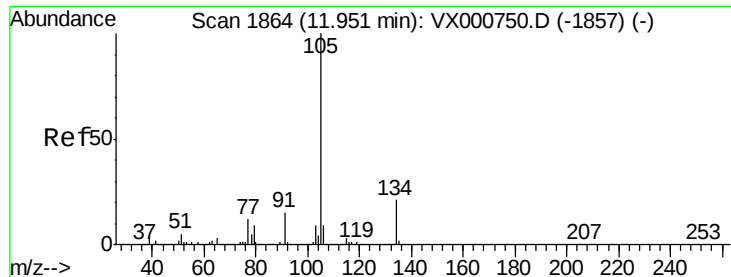
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#84
1,2,4-Trimethylbenzene
Concen: 20.67 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.01 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250963		
120	45.6	23.1	69.3	





#85

sec-Butylbenzene

Concen: 20.64 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:105 Resp: 293010

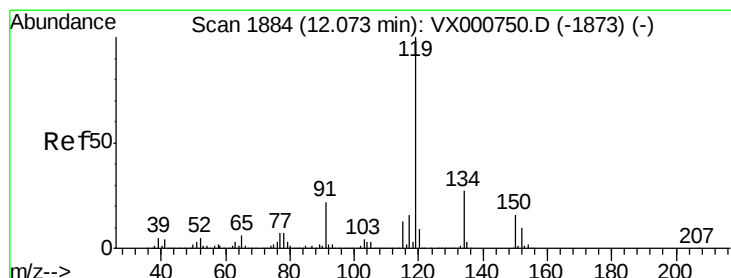
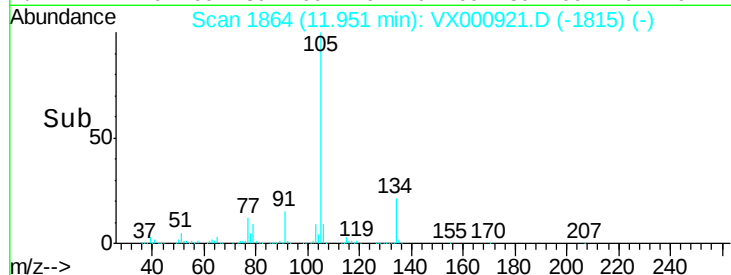
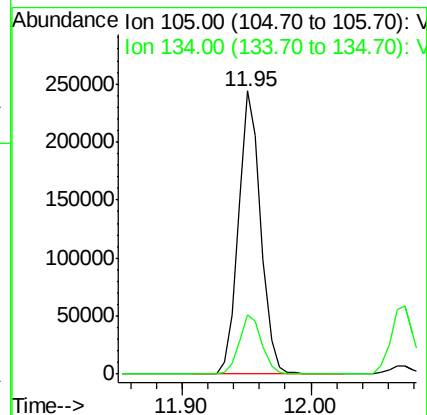
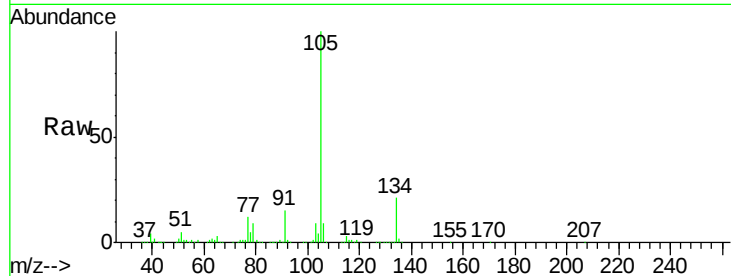
Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.39 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

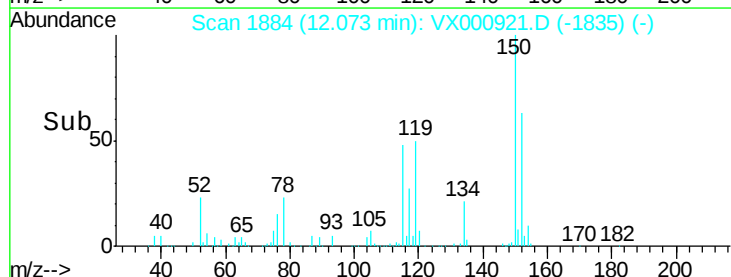
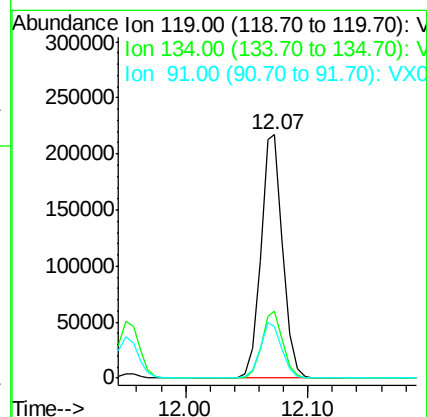
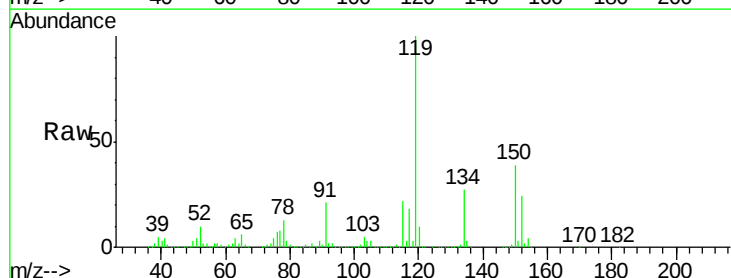
Tgt Ion:119 Resp: 269867

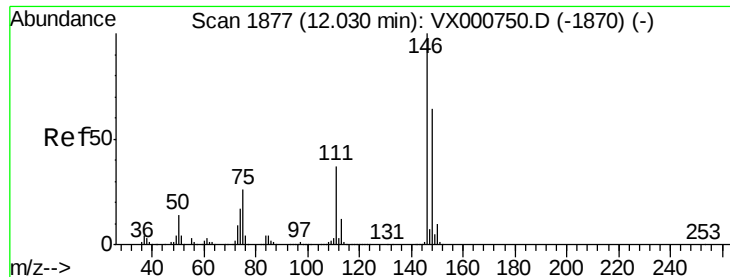
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.6 11.2 33.5





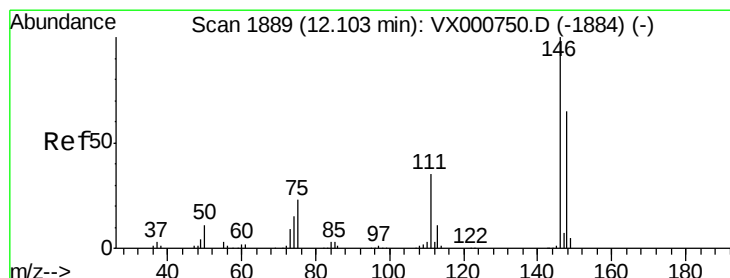
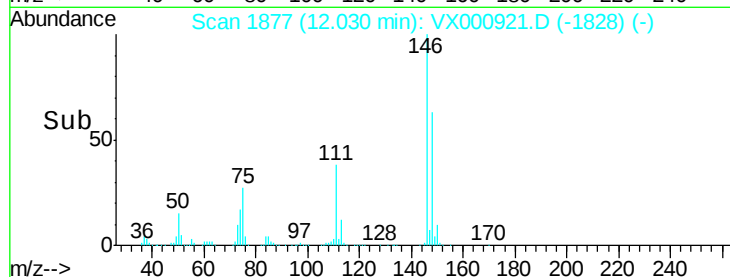
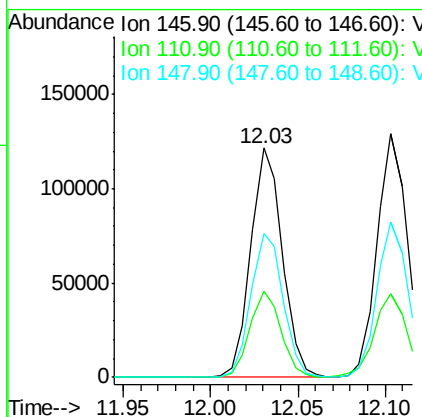
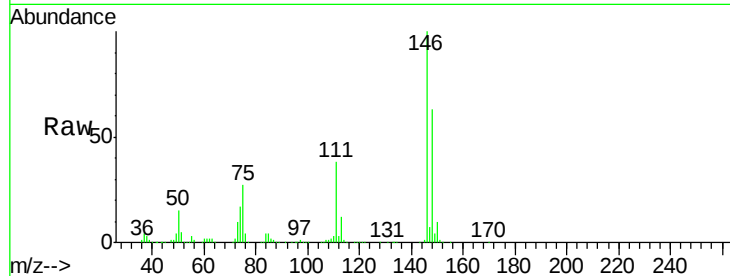
#87
 1,3-Dichlorobenzene
 Concen: 20.62 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.3	54.8
148	64.3	32.2	96.6

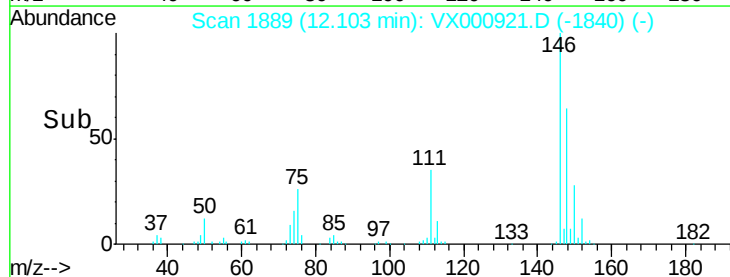
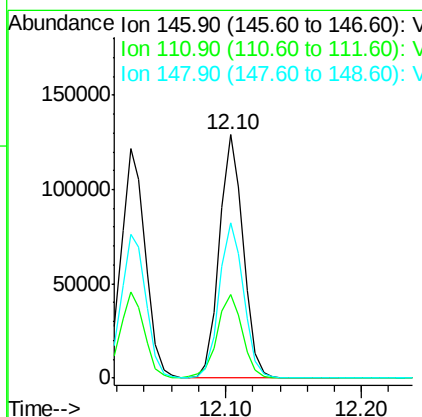
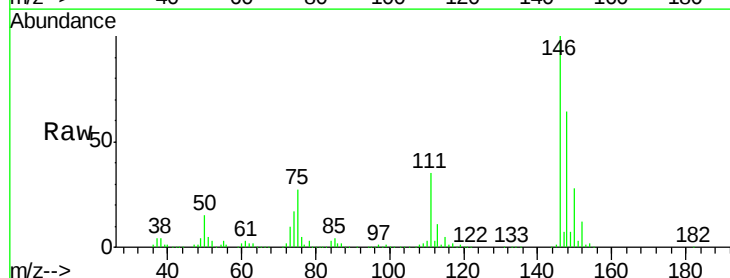
Manual Integrations
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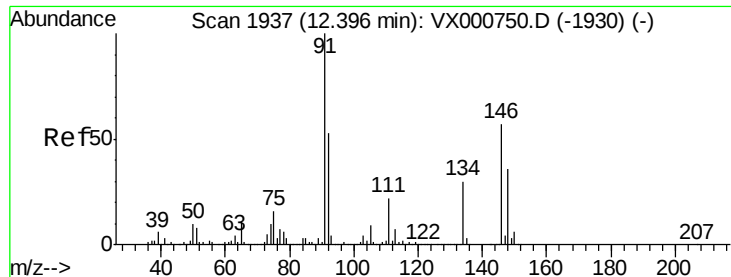
MMDadoda
 4/18/2018 2:45:06 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.64 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	17.9	53.8
148	64.9	32.6	97.7





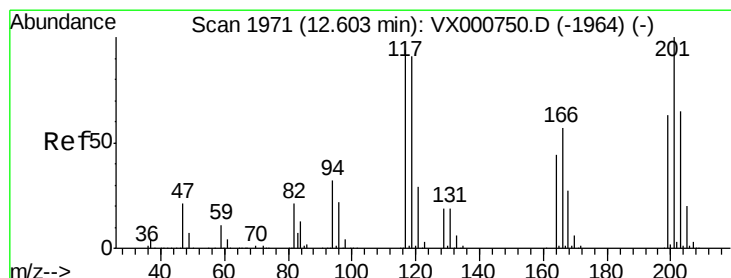
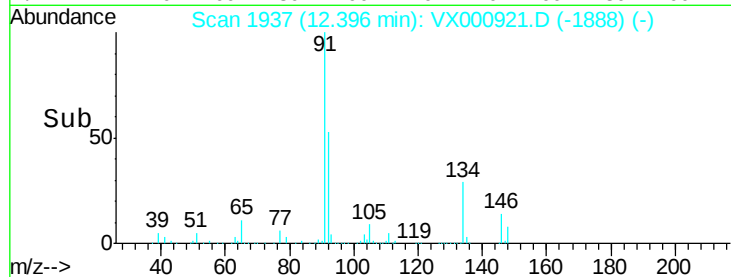
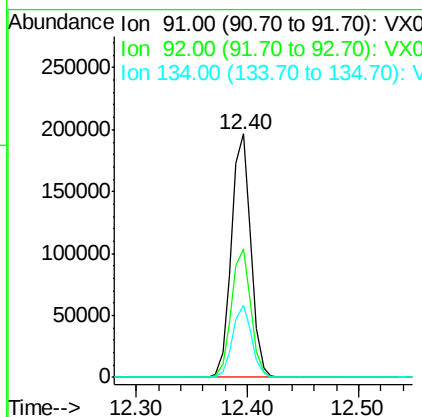
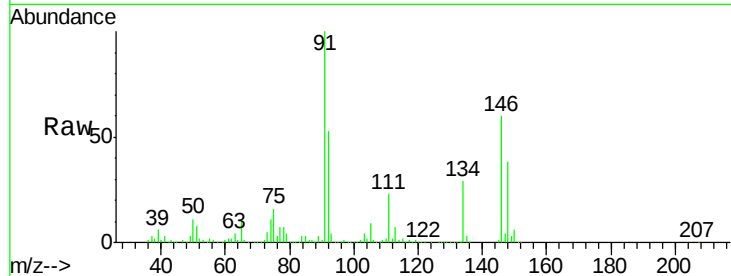
#89
n-Butylbenzene
Concen: 20.20 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.5	79.5
134	28.8	14.5	43.5

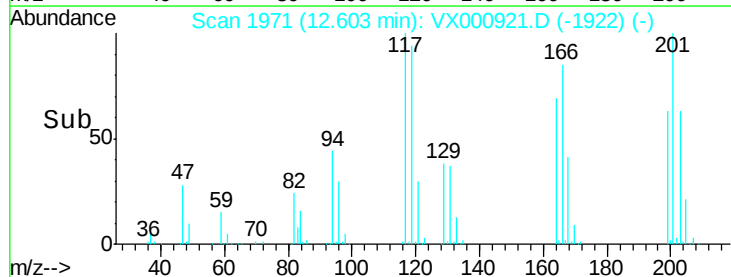
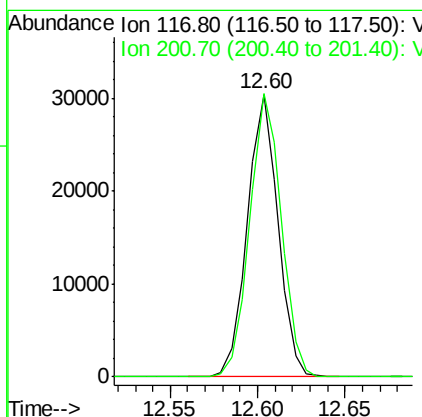
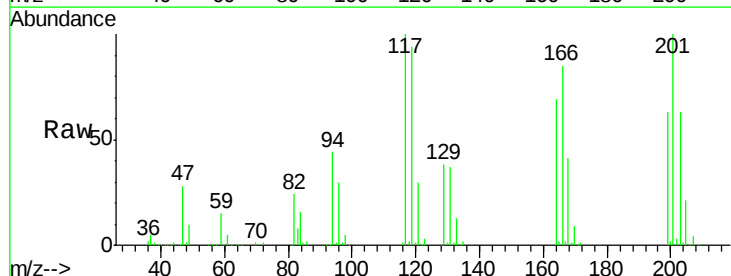
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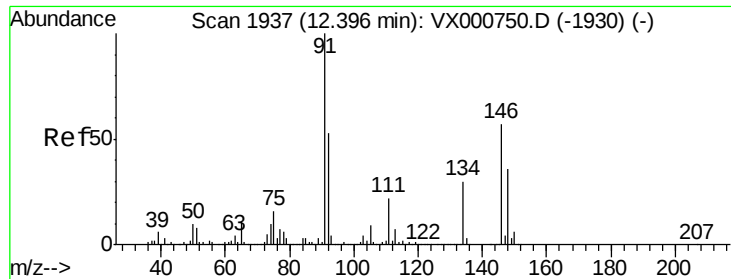
MMDadoda
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#90
Hexachloroethane
Concen: 16.51 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000921.D
Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.6	52.9	158.7





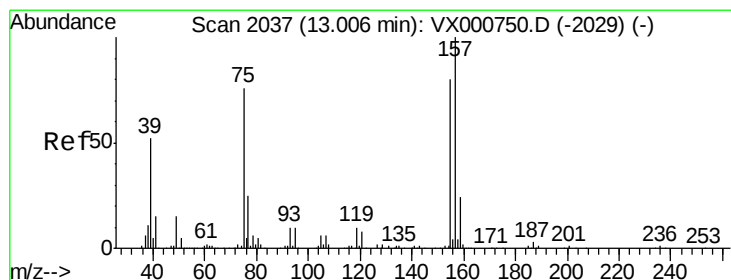
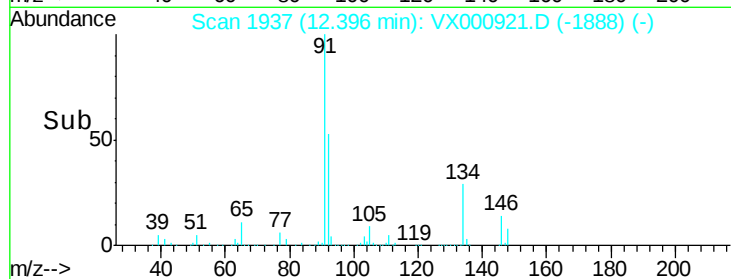
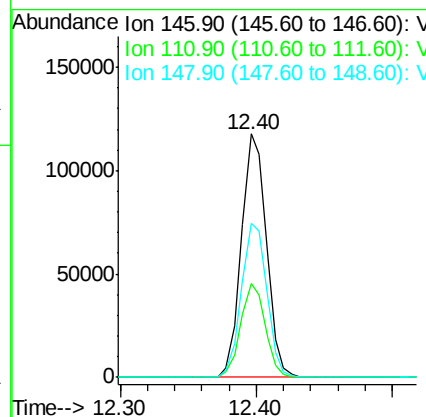
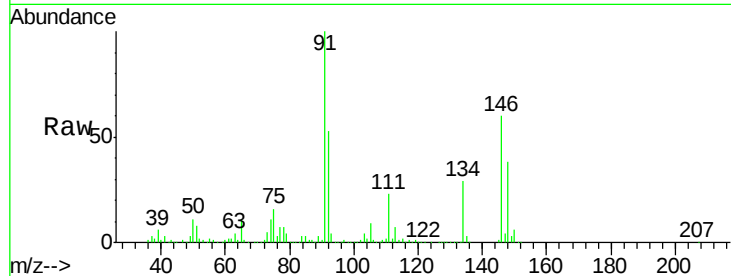
#91
 1,2-Dichlorobenzene
 Concen: 21.04 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.7
148	64.6	32.0	96.2

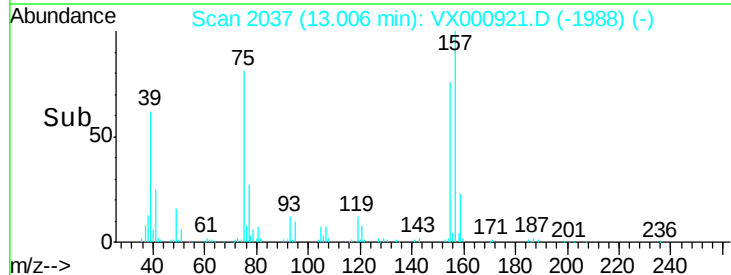
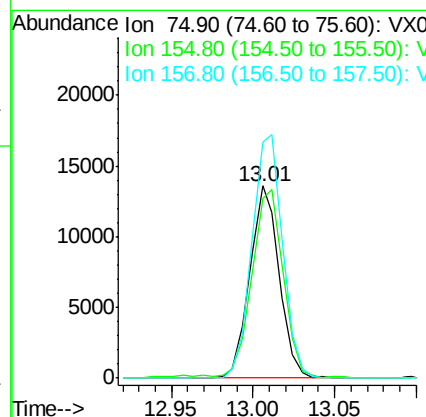
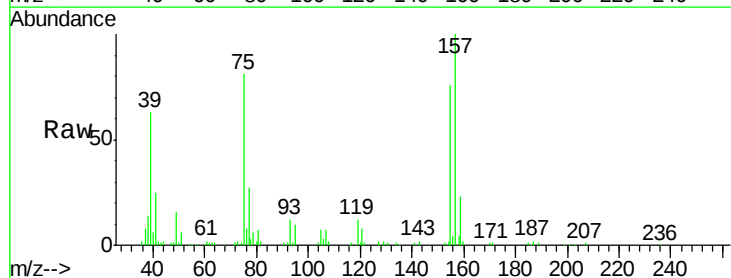
Manual Integrations
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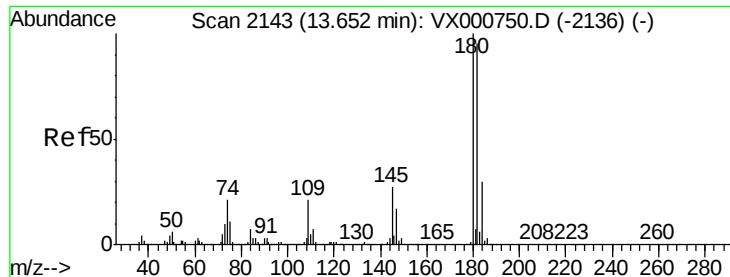
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.20 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.3	51.9	155.8
157	131.7	66.6	199.8





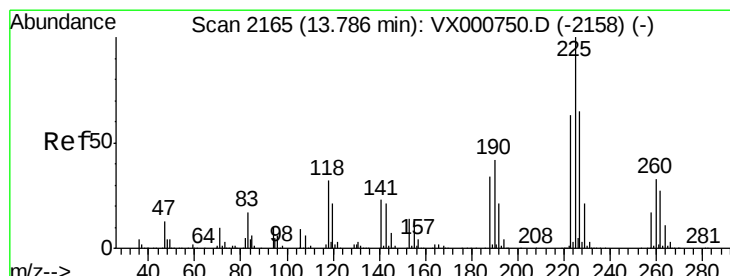
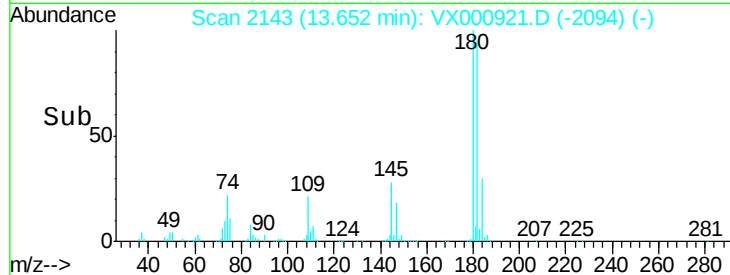
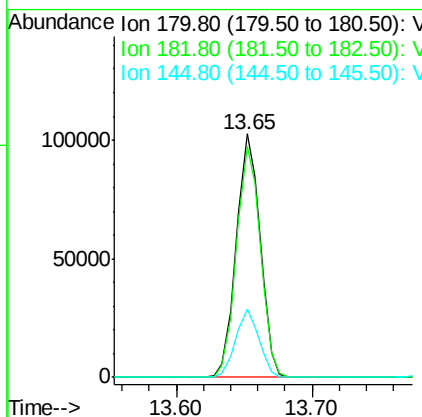
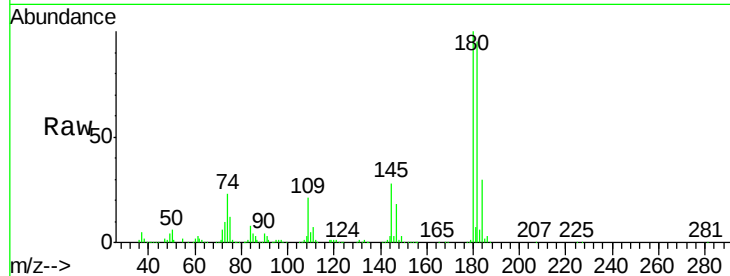
#93
 1,2,4-Trichlorobenzene
 Concen: 20.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	125432		
182	95.1	47.5	142.5	
145	27.5	13.8	41.4	

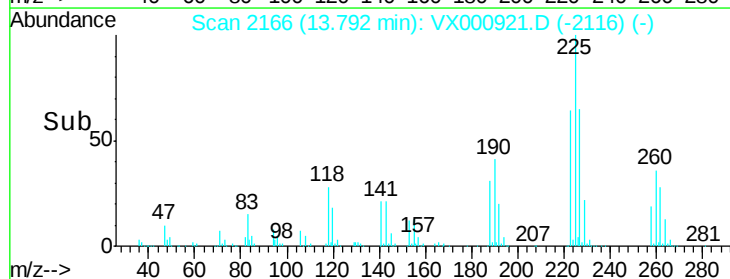
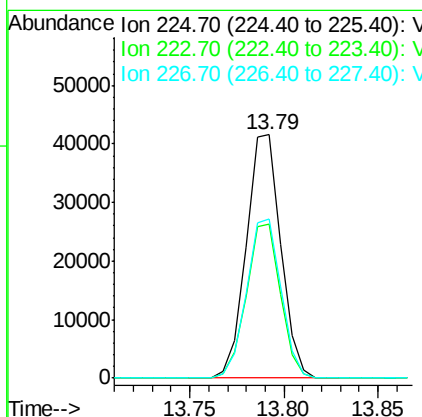
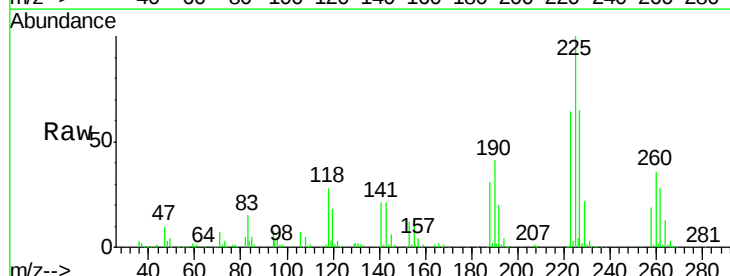
Manual Integrations
 APPROVED

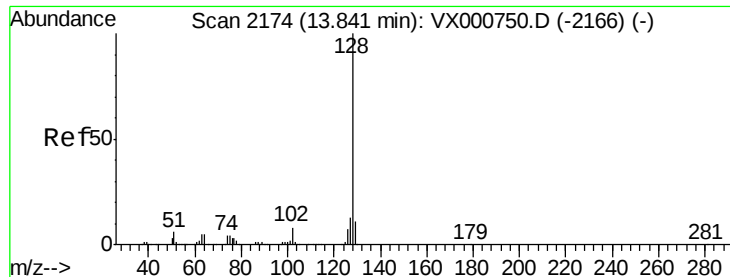
MMDadoda
 4/18/2018 2:45:06 PM



#94
 Hexachlorobutadiene
 Concen: 17.57 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000921.D
 Acq: 16 Apr 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52791		
223	62.8	31.2	93.6	
227	65.3	32.3	96.9	





#95

Naphthalene

Concen: 20.70 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Instrument :

MSVOA_X

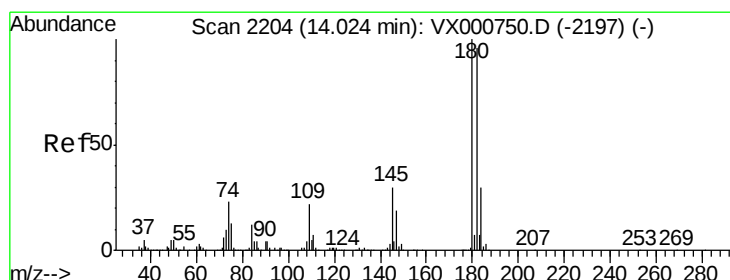
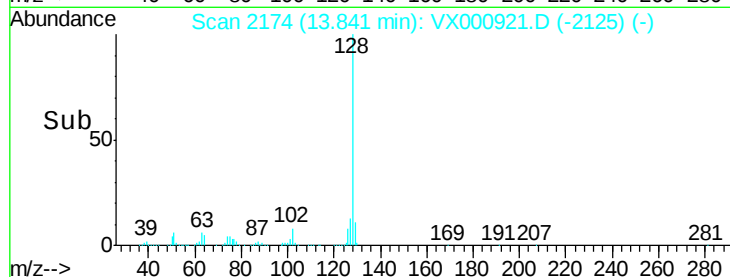
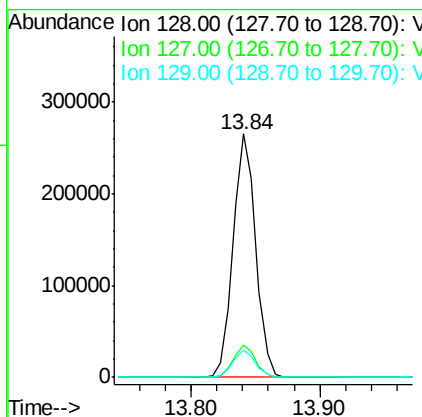
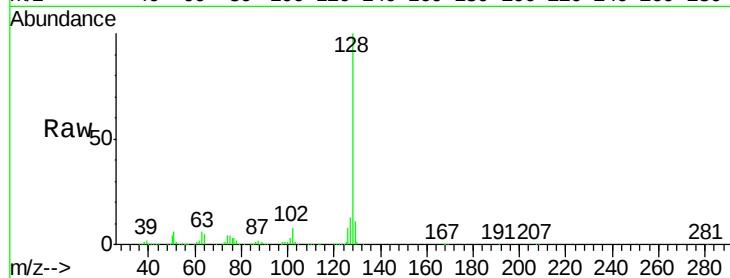
ClientSampleId :

VX0416WBS01

Tot Ion:	128	Resp:	324632
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/18/2018 2:45:06 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.64 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000921.D

Acq: 16 Apr 2018 16:15

Tgt Ion:	180	Resp:	122489
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.4	145.2
145	29.2	14.6	43.8

