

Data File : VX001004.D
Acq On : 20 Apr 2018 13:20
Operator : JC/MD
Sample : VX0420WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:38 PM

Quant Time: Apr 21 05:49:15 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190271	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	122815	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	5.51	113	100149	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
50) Toluene-d8	8.72	98	361354	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
62) 4-Bromofluorobenzene	11.14	95	149936	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	56087	21.56	ug/l	99
3) Chloromethane	1.32	50	48391	19.98	ug/l	98
4) Vinyl Chloride	1.41	62	49993	19.91	ug/l	100
5) Bromomethane	1.65	94	33656	21.04	ug/l	100
6) Chloroethane	1.73	64	29628	19.86	ug/l	100
7) Trichlorofluoromethane	1.93	101	75812	20.10	ug/l	99
8) Diethyl Ether	2.19	74	27682	19.87	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43107	19.51	ug/l	99
10) Methyl Iodide	2.52	142	26043	17.73	ug/l	99
11) Tert butyl alcohol	3.06	59	38820	96.82	ug/l	99
12) 1,1-Dichloroethene	2.38	96	40579	19.86	ug/l	98
13) Acrolein	2.29	56	11662	100.21	ug/l	99
14) Allyl chloride	2.73	41	72985	19.74	ug/l	99
15) Acrylonitrile	3.15	53	104394	96.20	ug/l	99
16) Acetone	2.45	43	97613	97.50	ug/l	100
17) Carbon Disulfide	2.57	76	109884	18.87	ug/l	100
18) Methyl Acetate	2.78	43	64296	21.22	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	135869	19.78	ug/l	100
20) Methylene Chloride	2.86	84	44237	20.05	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	43924	19.31	ug/l	99
22) Diisopropyl ether	3.87	45	140856	19.68	ug/l	93
23) Vinyl Acetate	3.83	43	579470	97.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	79114	19.70	ug/l	99
25) 2-Butanone	4.71	43	151680	97.06	ug/l	99
26) 2,2-Dichloropropane	4.59	77	67030	19.41	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	49575	19.56	ug/l	99
28) Bromochloromethane	5.03	49	28927	18.73	ug/l	98
29) Tetrahydrofuran	5.17	42	94337	95.53	ug/l	99
30) Chloroform	5.23	83	82025	19.72	ug/l	98
31) Cyclohexane	5.58	56	72368	19.31	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	73555	19.73	ug/l	99
36) 1,1-Dichloropropene	5.81	75	64172	18.87	ug/l	99
37) Ethyl Acetate	4.86	43	59151	18.97	ug/l	99
38) Carbon Tetrachloride	5.79	117	64336	18.69	ug/l	96

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Manual Integrations

APPROVED

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

Quant Title : SW846 8260

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	73781	18.64	ug/l	97
40) Benzene	6.15	78	180409	19.09	ug/l	100
41) Methacrylonitrile	5.07	41	36630	18.81	ug/l	98
42) 1,2-Dichloroethane	6.20	62	70203	19.35	ug/l	99
43) Isopropyl Acetate	6.47	43	99370	18.57	ug/l	99
44) Trichloroethene	7.22	130	55030	19.06	ug/l	100
45) 1,2-Dichloropropane	7.52	63	45408	19.10	ug/l	97
46) Dibromomethane	7.67	93	31441	18.93	ug/l	100
47) Bromodichloromethane	7.91	83	57007	18.53	ug/l	99
48) Methyl methacrylate	7.79	41	53059	18.42	ug/l	99
49) 1,4-Dioxane	7.76	88	15500	365.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	308706	95.02	ug/l	98
52) Toluene	8.79	92	118128	19.15	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	70048	19.04	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	64536	18.60	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	46538	18.98	ug/l	98
56) Ethyl methacrylate	9.19	69	67672	18.79	ug/l	98
57) 1,3-Dichloropropane	9.38	76	76176	18.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	129807	73.85	ug/l	99
59) 2-Hexanone	9.50	43	234588	94.34	ug/l	99
60) Dibromochloromethane	9.59	129	48790	18.94	ug/l	97
61) 1,2-Dibromoethane	9.68	107	49509	19.13	ug/l	99
64) Tetrachloroethene	9.34	164	56032	19.14	ug/l	96
65) Chlorobenzene	10.15	112	138623	18.88	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	47817	18.98	ug/l	99
67) Ethyl Benzene	10.26	91	231117	18.96	ug/l	99
68) m/p-Xylenes	10.37	106	181313	37.74	ug/l	99
69) o-Xylene	10.71	106	87571	18.91	ug/l	100
70) Styrene	10.72	104	144654	18.96	ug/l	99
71) Bromoform	10.87	173	37675	17.91	ug/l #	99
73) Isopropylbenzene	11.02	105	237716	19.11	ug/l	99
74) N-amyl acetate	6.47	43	99370	18.67	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66510	18.89	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	63273m	19.17	ug/l	
77) Bromobenzene	11.26	156	67414	18.67	ug/l	98
78) n-propylbenzene	11.37	91	272426	19.08	ug/l	100
79) 2-Chlorotoluene	11.43	91	158799	18.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	201349	19.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16166	17.30	ug/l	92
82) 4-Chlorotoluene	11.52	91	193337	18.96	ug/l	99
83) tert-Butylbenzene	11.77	119	203302	19.11	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	209144	19.27	ug/l	99
85) sec-Butylbenzene	11.95	105	244130	19.23	ug/l	100
86) p-Isopropyltoluene	12.07	119	223870	19.06	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	125280	18.53	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129854	18.72	ug/l	98
89) n-Butylbenzene	12.39	91	200156	19.15	ug/l	100
90) Hexachloroethane	12.60	117	31235	18.77	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	122959	18.79	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14117	19.14	ug/l	94

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

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Instrument :
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QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102238	18.61	ug/l	100
94) Hexachlorobutadiene	13.79	225	46803	18.83	ug/l	99
95) Naphthalene	13.84	128	258009	19.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99453	18.72	ug/l	100

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

Data File : VX001004.D

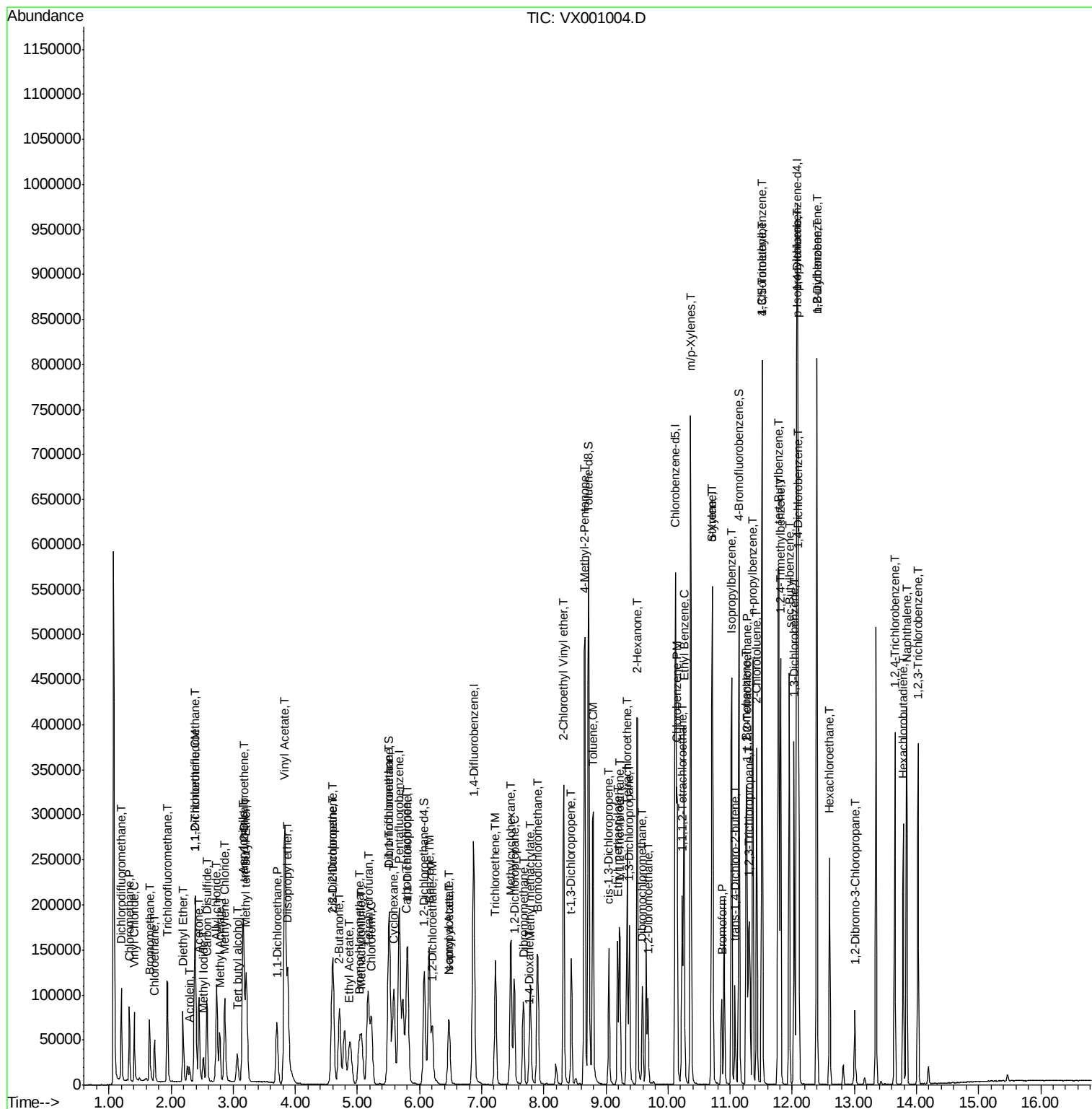
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Acq On       : 20 Apr 2018   13:20
Operator     : JC/MD
Sample       : VX0420WBS01
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 6      Sample Multiplier: 1
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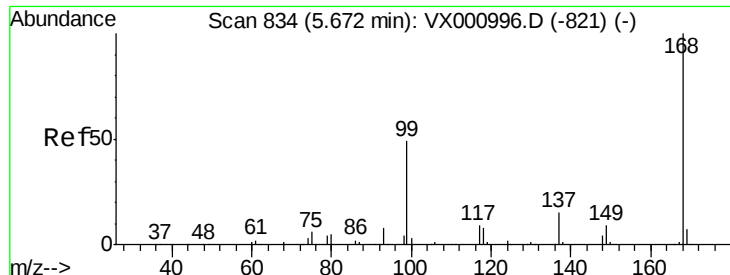
Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:38 PM

Quant Time: Apr 21 05:49:15 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion:168 Resp: 209731

Ion Ratio Lower Upper

168 100

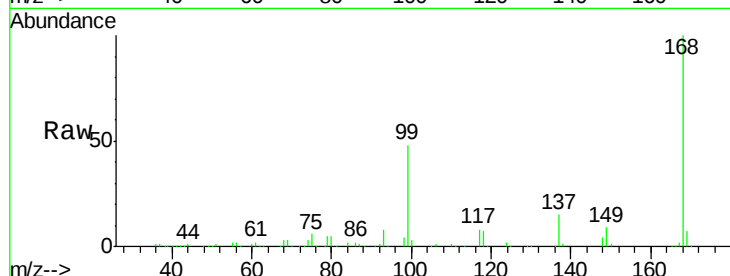
99 47.5 39.2 58.8

Manual Integrations

APPROVED

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4/23/2018 1:27:38 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

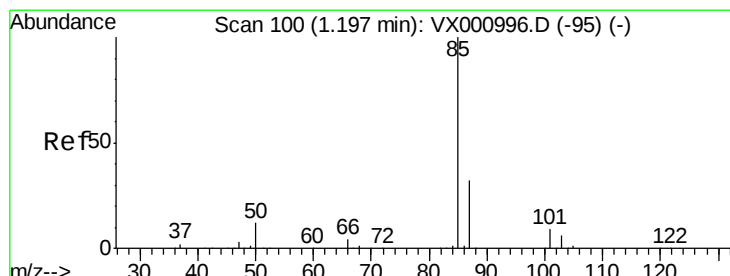
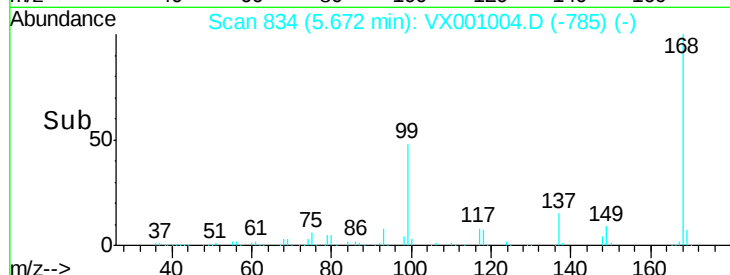
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.56 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001004.D

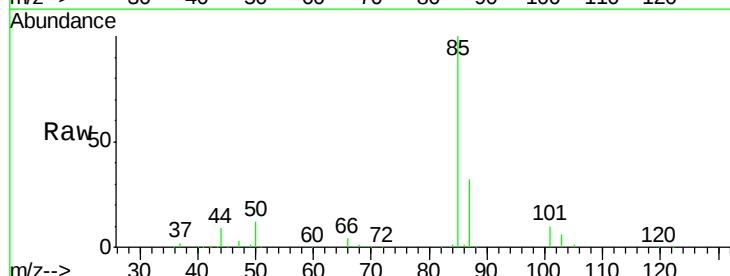
Acq: 20 Apr 2018 13:20

Tgt Ion: 85 Resp: 56087

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

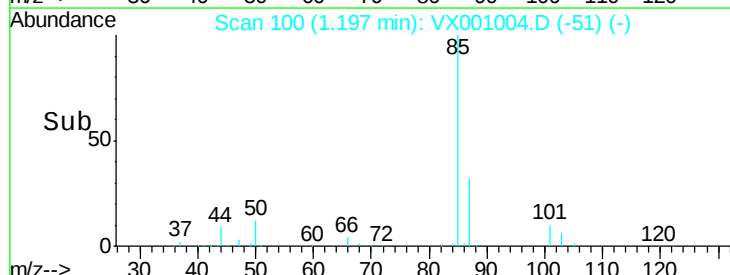
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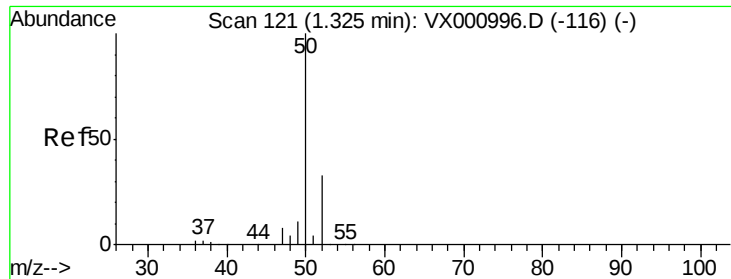
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.98 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion: 50 Resp: 48391

Ion Ratio Lower Upper

50 100

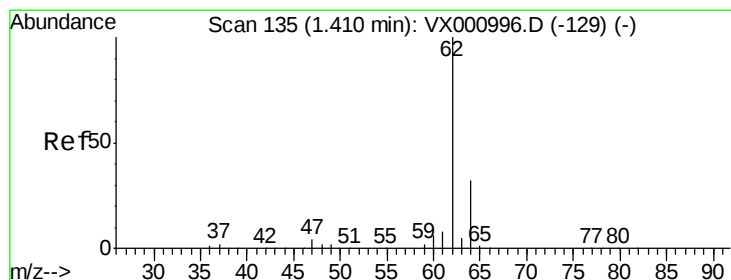
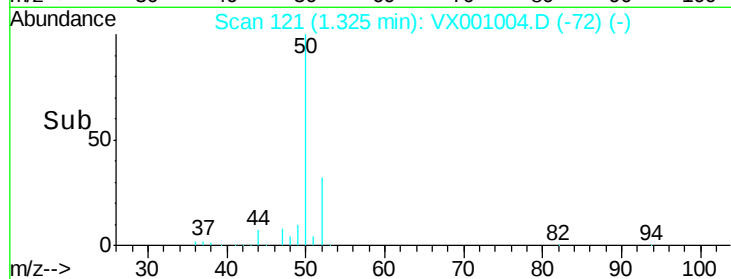
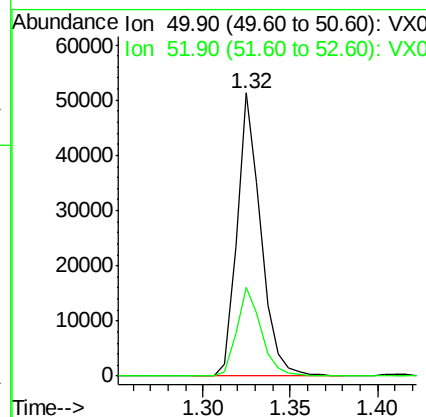
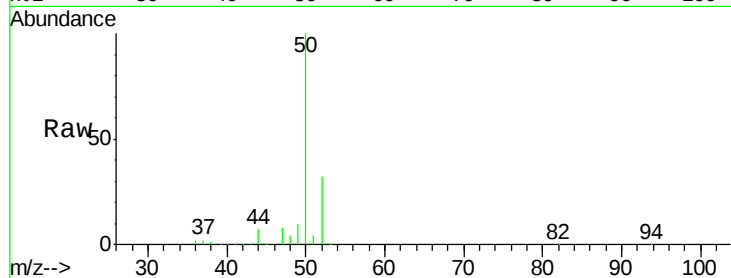
52 31.6 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.91 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX001004.D

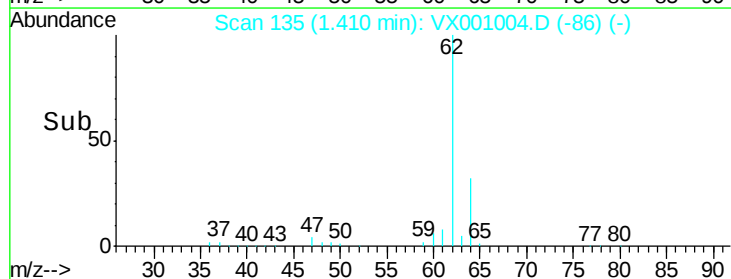
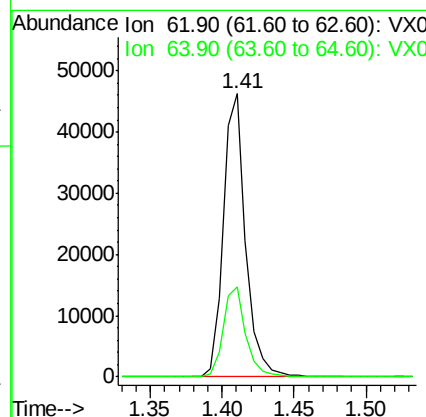
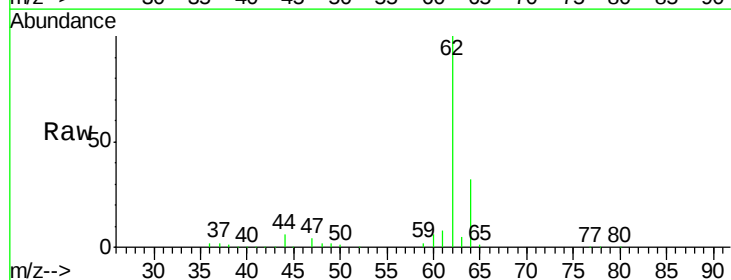
Acq: 20 Apr 2018 13:20

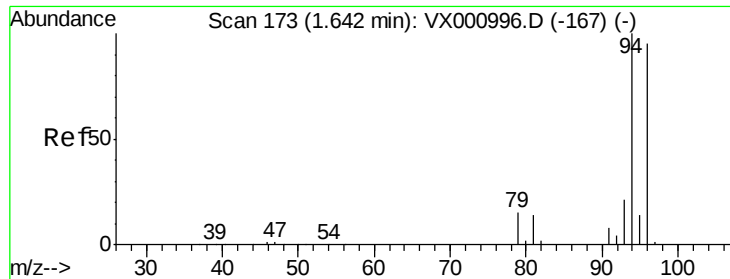
Tgt Ion: 62 Resp: 49993

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 21.04 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion: 94 Resp: 33656

Ion Ratio Lower Upper

94 100

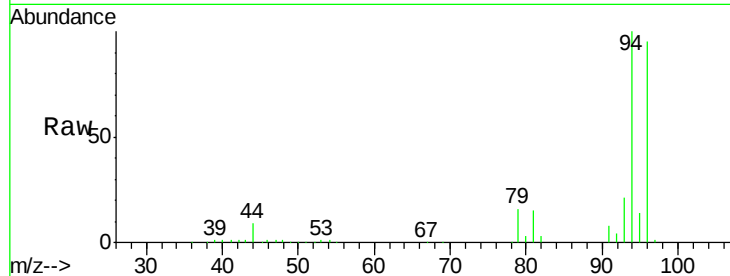
96 94.7 76.0 114.0

Manual Integrations

APPROVED

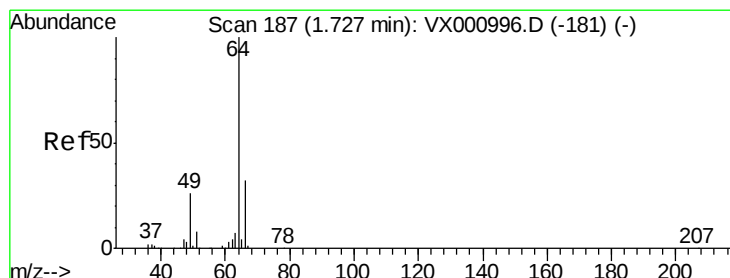
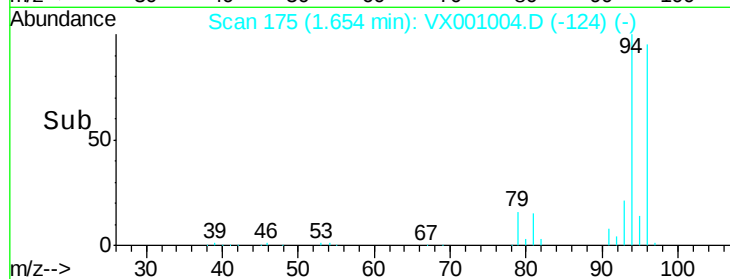
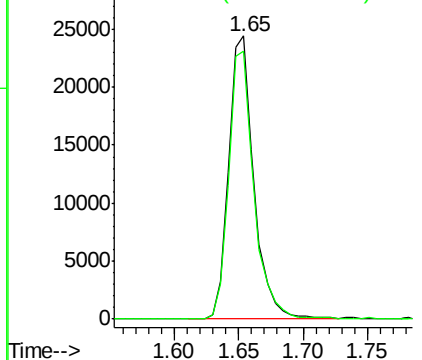
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.86 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001004.D

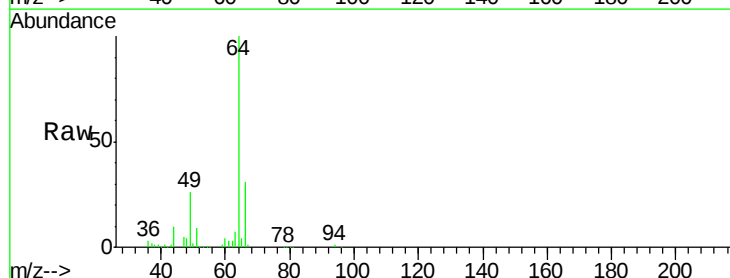
Acq: 20 Apr 2018 13:20

Tgt Ion: 64 Resp: 29628

Ion Ratio Lower Upper

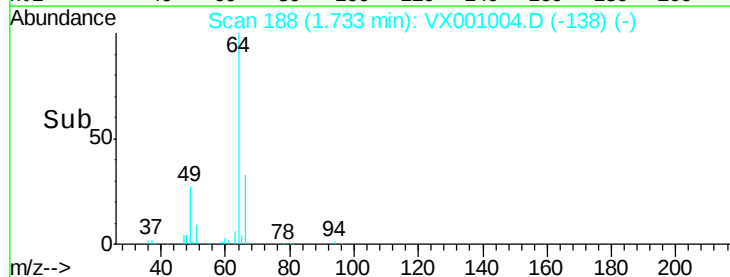
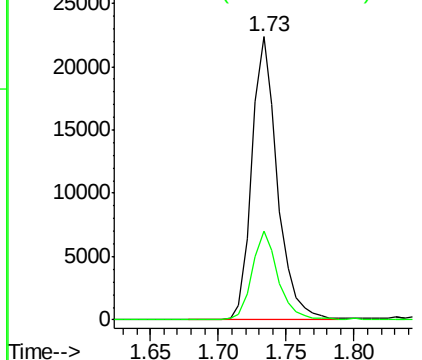
64 100

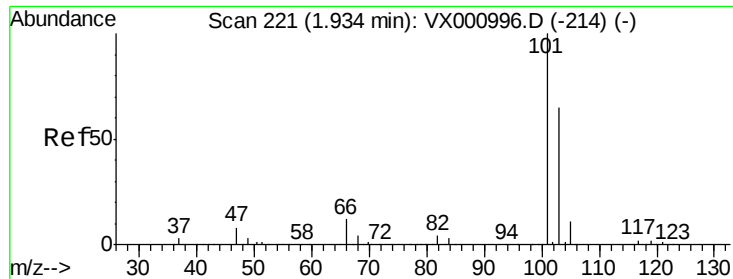
66 31.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

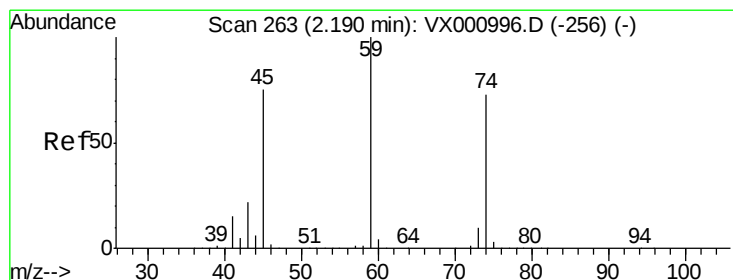
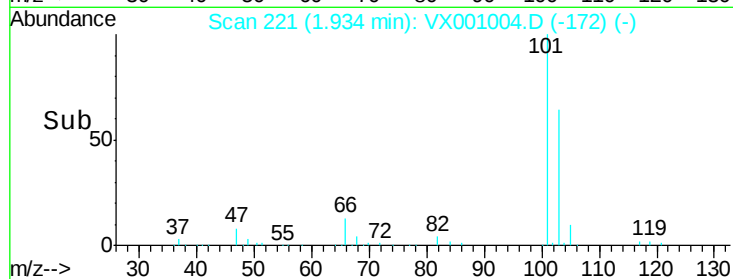
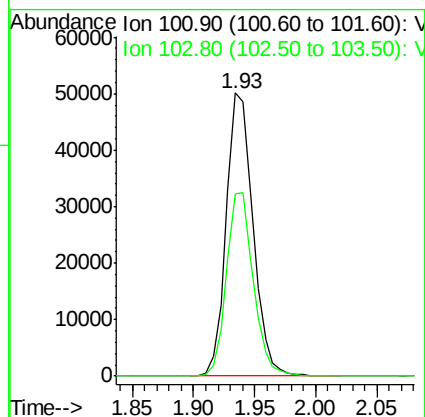
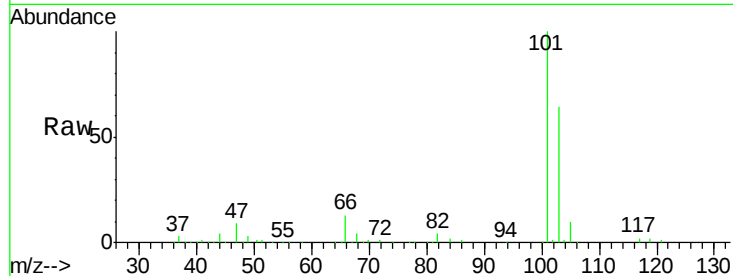
Trichlorofluoromethane
Concen: 20.10 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion: 101 Resp: 75812
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

Manual Integrations
APPROVED

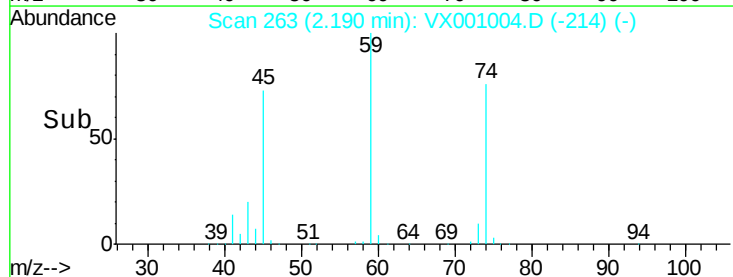
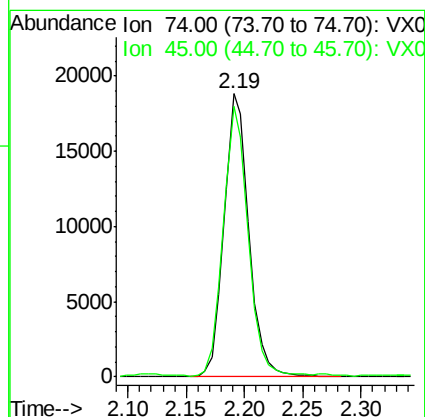
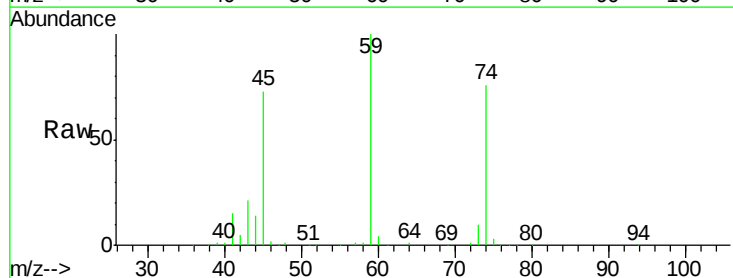
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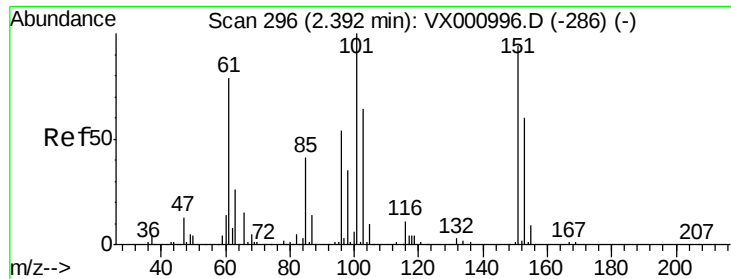


#8

Diethyl Ether
Concen: 19.87 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 74 Resp: 27682
Ion Ratio Lower Upper
74 100
45 95.5 49.0 147.0





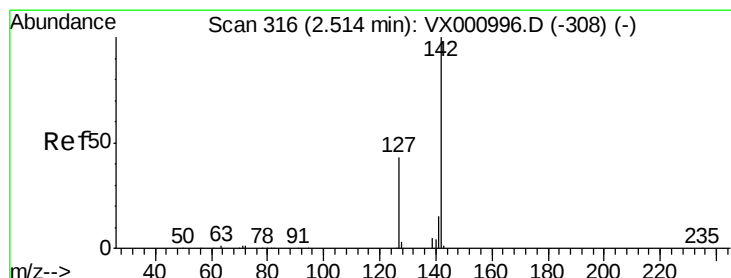
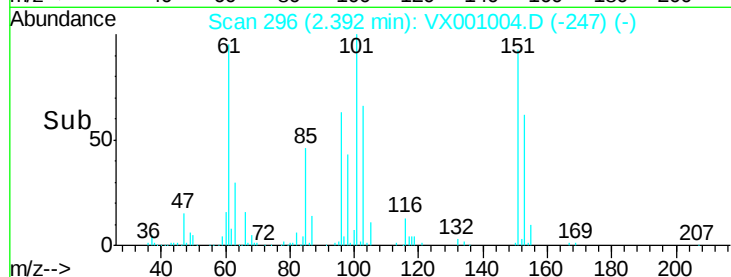
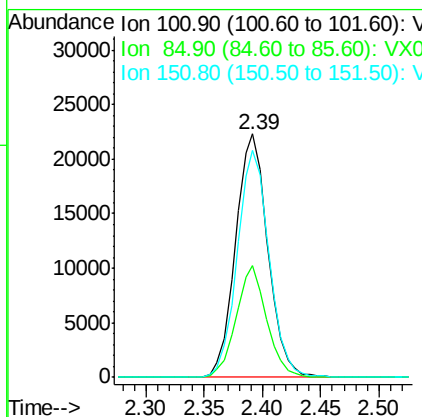
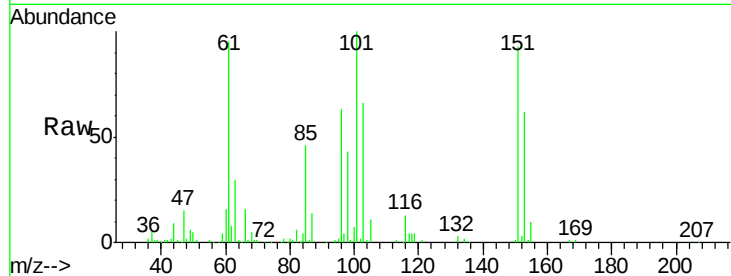
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.51 ug/l
 RT: 2.39 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	43107		
85	43.4	33.9	50.9	
151	92.0	73.5	110.3	

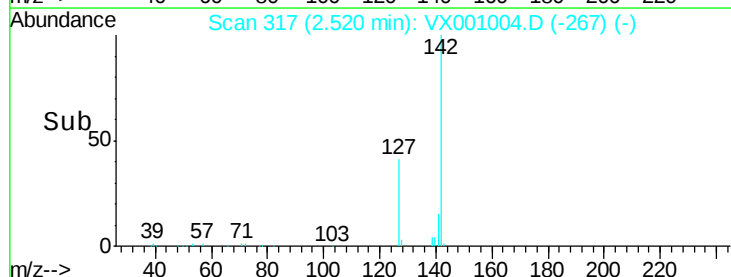
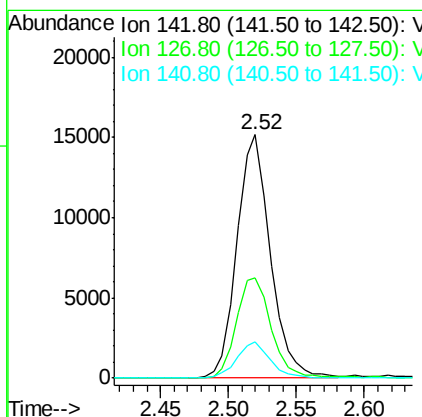
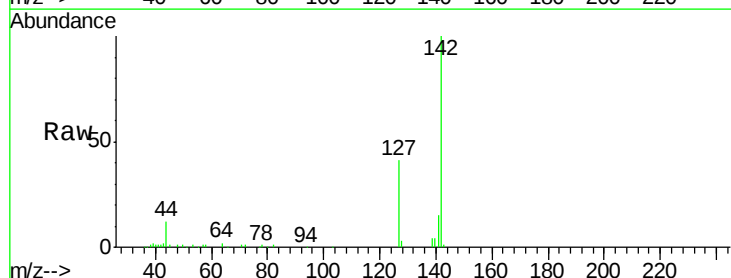
Manual Integrations
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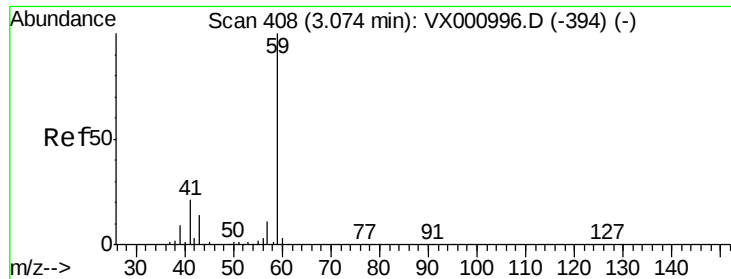
MMDadoda
 4/23/2018 1:27:38 PM



#10
 Methyl Iodide
 Concen: 17.73 ug/l
 RT: 2.52 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	26043		
127	43.2	34.0	51.0	
141	14.5	11.4	17.2	





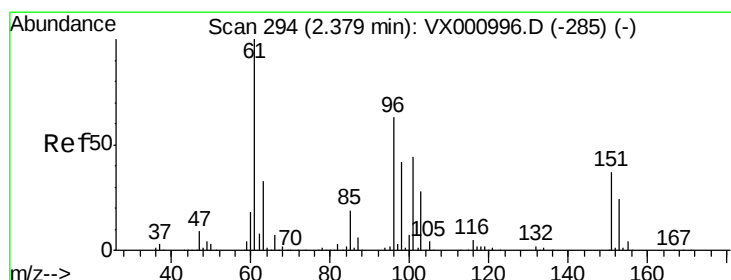
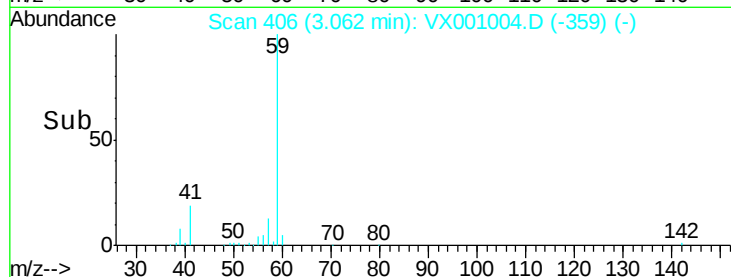
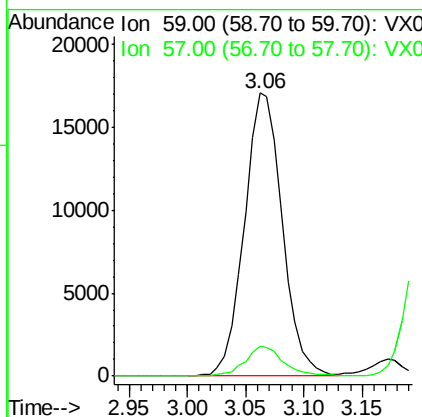
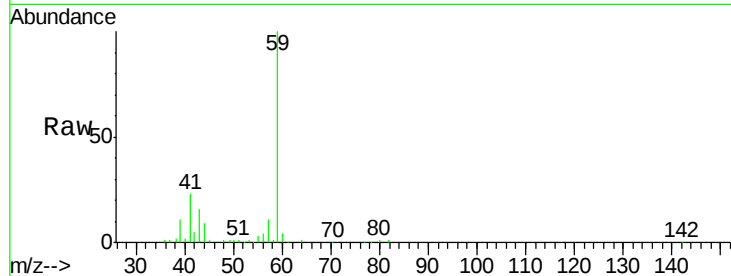
#11
Tert butyl alcohol
Concen: 96.82 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion: 59 Resp: 38820
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

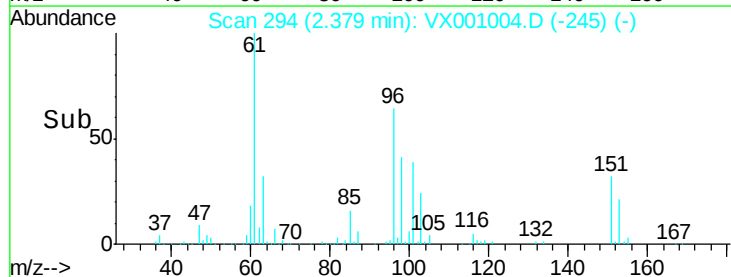
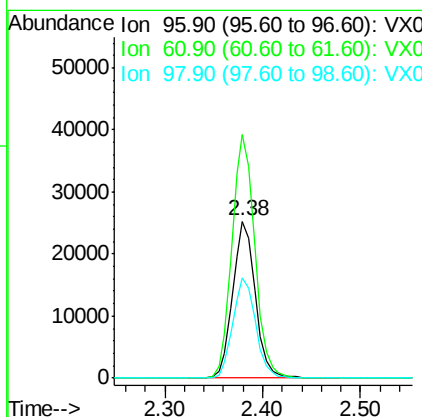
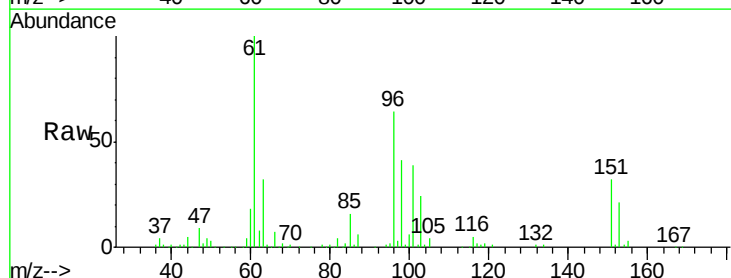
Manual Integrations
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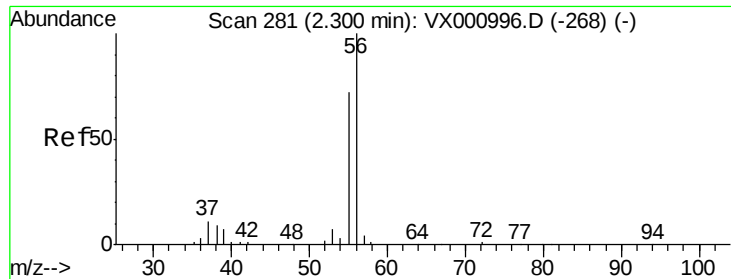
MMDadoda
4/23/2018 1:27:38 PM



#12
1,1-Dichloroethene
Concen: 19.86 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 96 Resp: 40579
Ion Ratio Lower Upper
96 100
61 155.4 126.4 189.6
98 63.8 52.6 78.8





#13

Acrolein

Concen: 100.21 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion: 56 Resp: 11662

Ion Ratio Lower Upper

56 100

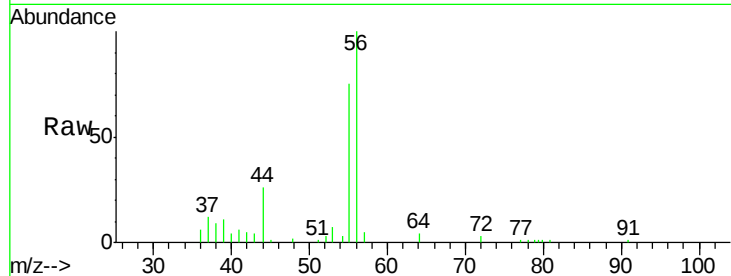
55 71.3 57.4 86.2

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

8000

6000

4000

2000

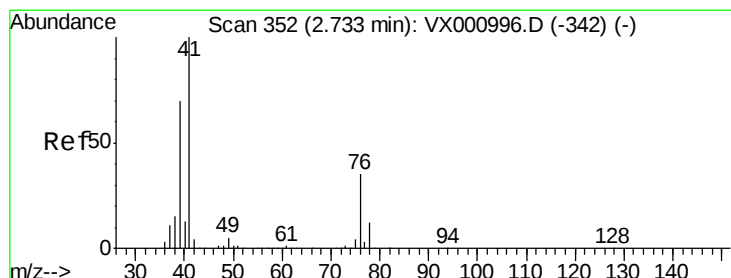
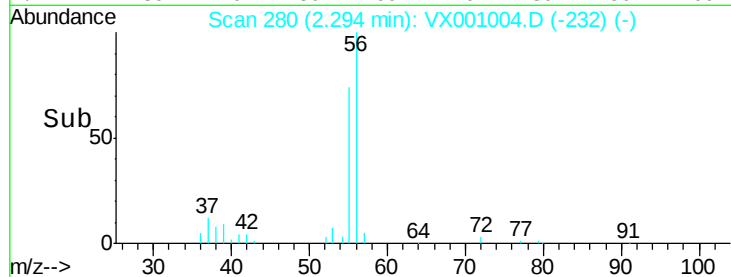
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 19.74 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

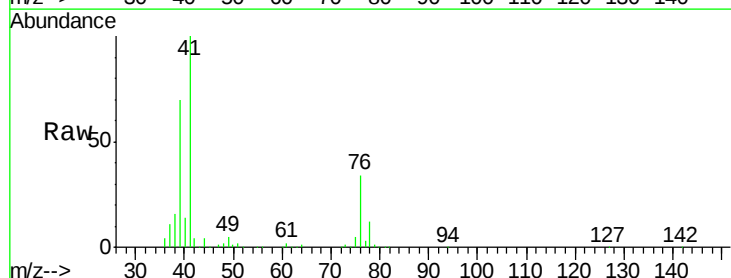
Tgt Ion: 41 Resp: 72985

Ion Ratio Lower Upper

41 100

39 67.1 53.0 79.6

76 32.6 25.9 38.9



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

50000

40000

30000

20000

10000

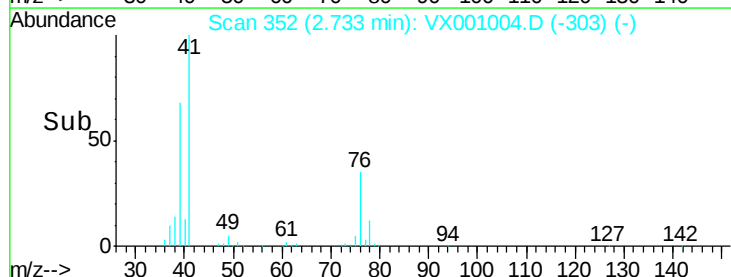
0

Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 96.20 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

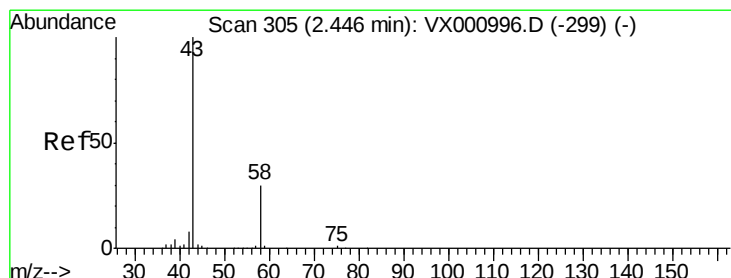
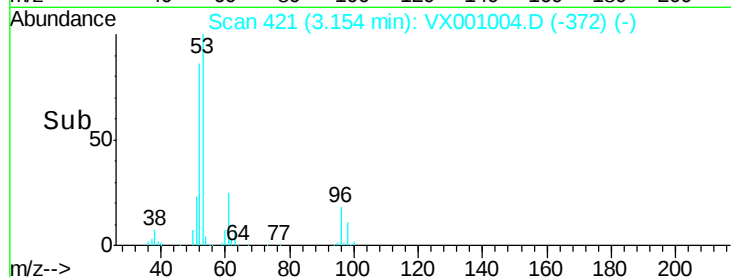
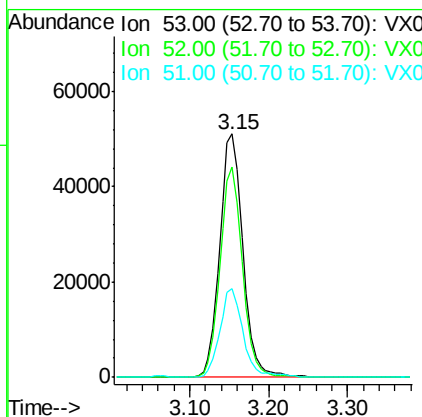
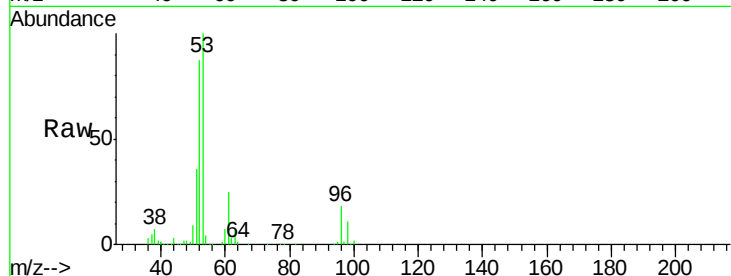
ClientSampleId :

VX0420WBS01

Tgt Ion:	53	Resp:	104394
Ion Ratio		Lower	Upper
53	100		
52	84.2	66.4	99.6
51	36.3	29.0	43.6

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#16

Acetone

Concen: 97.50 ug/l

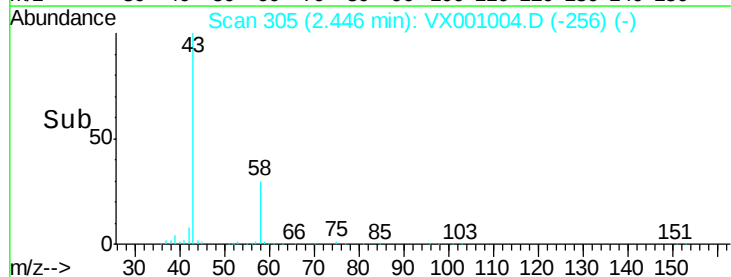
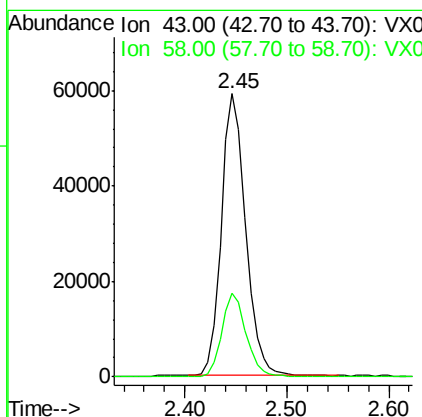
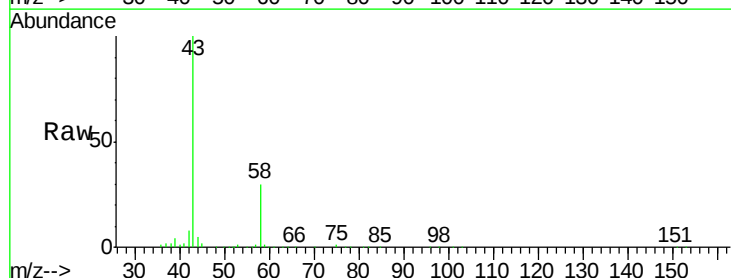
RT: 2.45 min Scan# 305

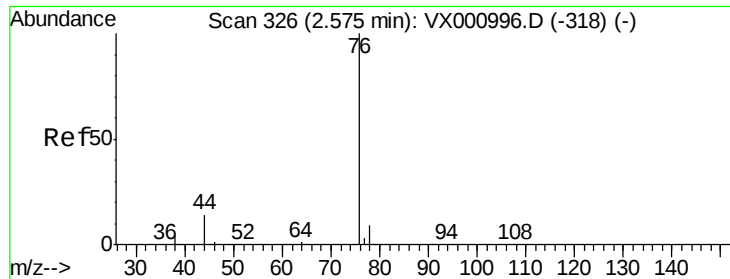
Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Tgt Ion:	43	Resp:	97613
Ion Ratio		Lower	Upper
43	100		
58	29.6	23.7	35.5





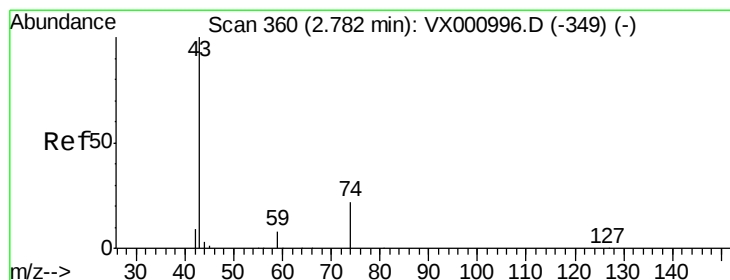
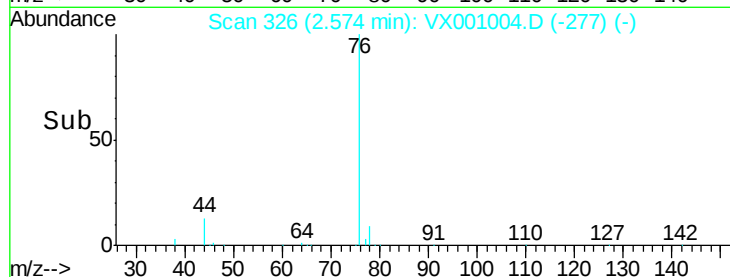
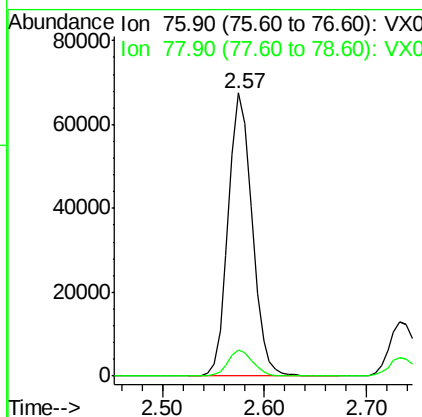
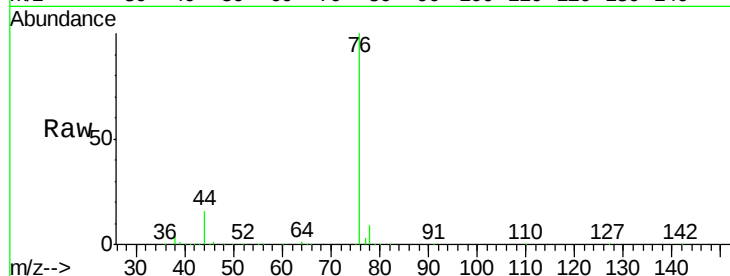
#17
Carbon Disulfide
Concen: 18.87 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion: 76 Resp: 109884
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

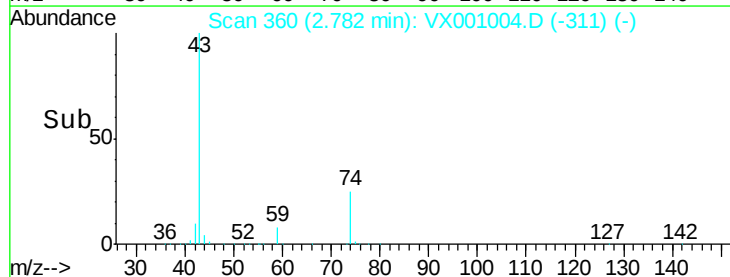
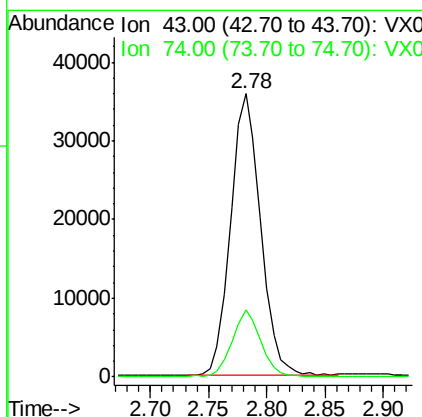
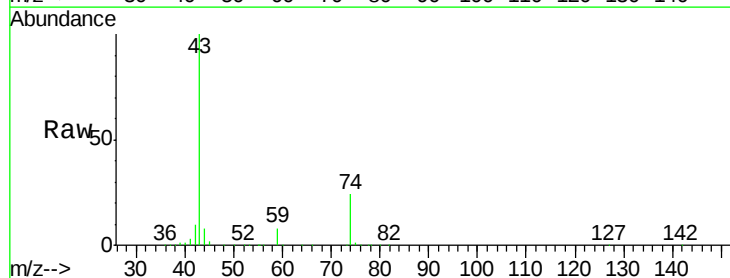
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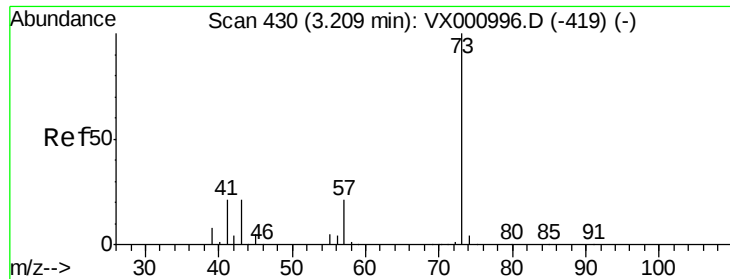
MMDadoda
4/23/2018 1:27:38 PM



#18
Methyl Acetate
Concen: 21.22 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 43 Resp: 64296
Ion Ratio Lower Upper
43 100
74 23.0 18.3 27.5





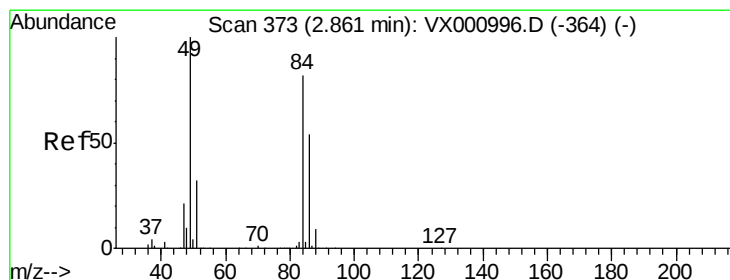
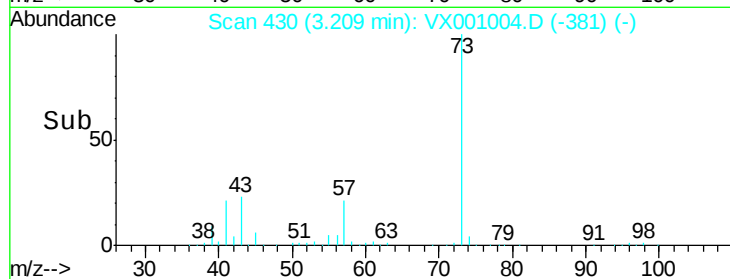
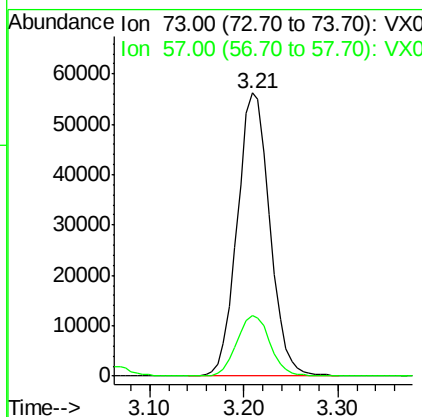
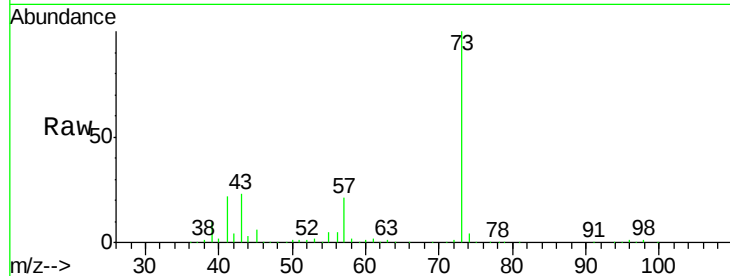
#19
Methyl tert-butyl Ether
Concen: 19.78 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion: 73 Resp: 135869
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7

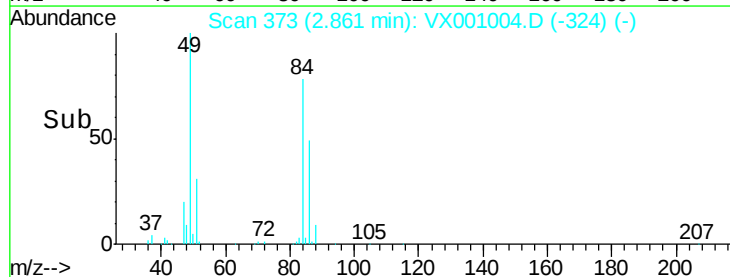
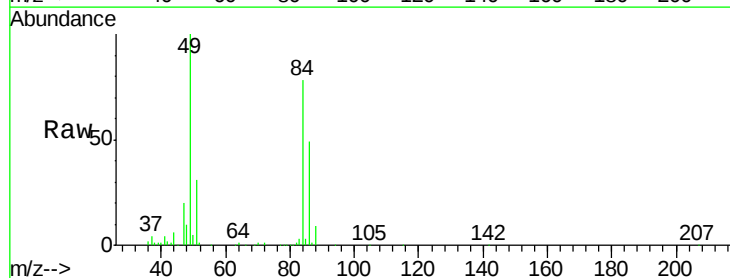
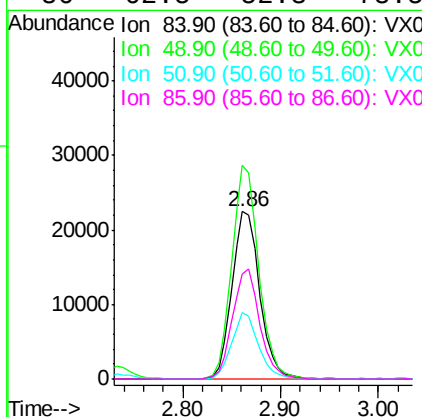
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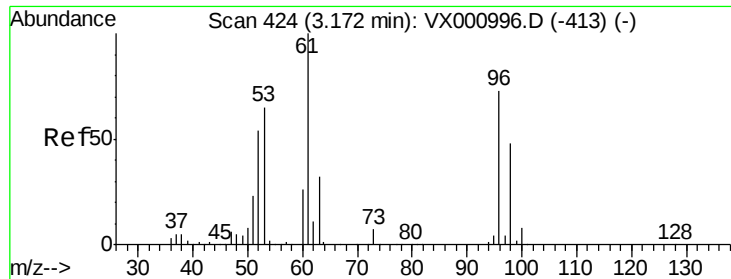
MMDadoda
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#20
Methylene Chloride
Concen: 20.05 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 84 Resp: 44237
Ion Ratio Lower Upper
84 100
49 127.7 97.1 145.7
51 39.8 30.8 46.2
86 62.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.31 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

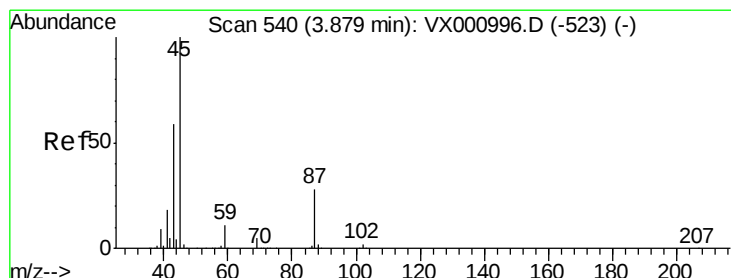
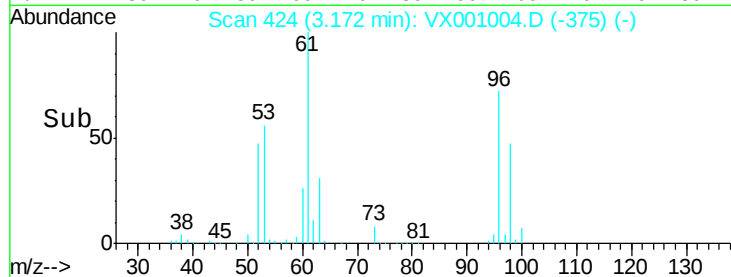
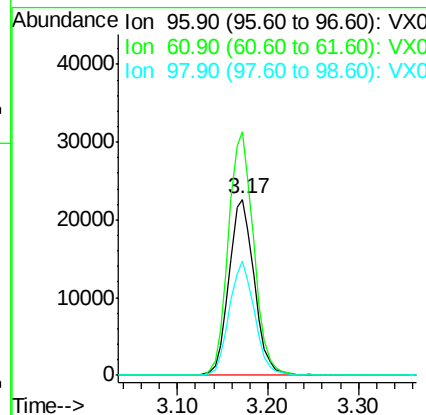
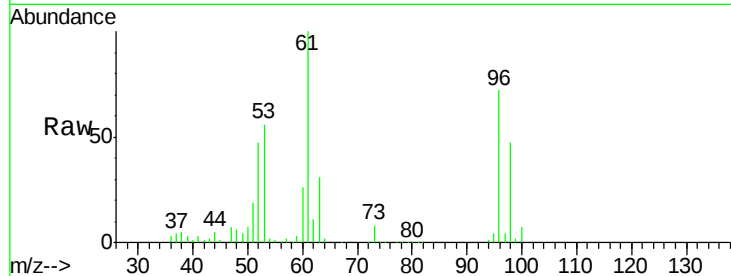
ClientSampleId :

VX0420WBS01

Tgt Ion:	96	Resp:	43924
Ion	Ratio	Lower	Upper
96	100		
61	138.1	109.4	164.2
98	65.1	52.6	78.8

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#22

Diisopropyl ether

Concen: 19.68 ug/l

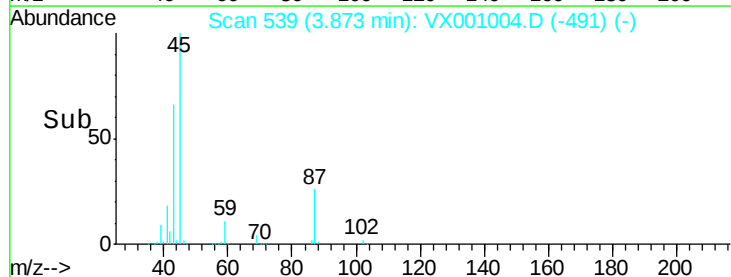
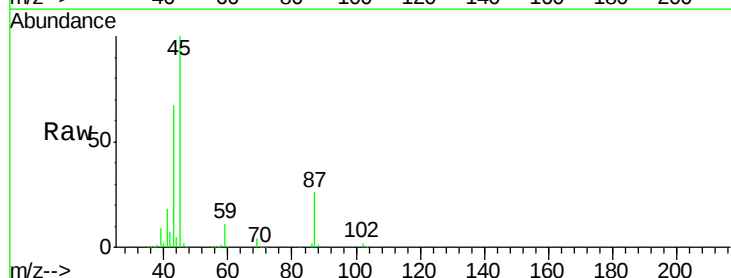
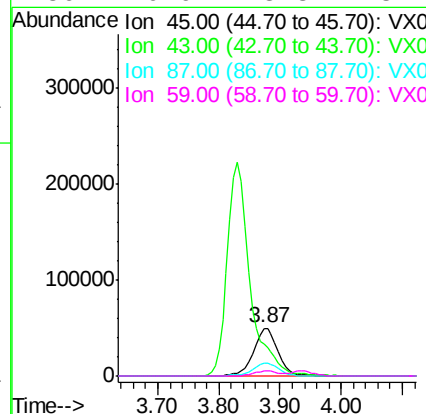
RT: 3.87 min Scan# 539

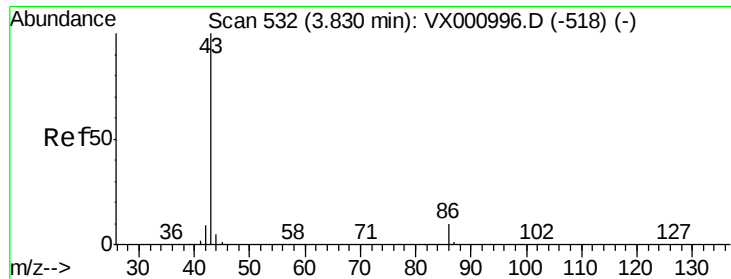
Delta R.T. -0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Tgt Ion:	45	Resp:	140856
Ion	Ratio	Lower	Upper
45	100		
43	66.5	47.0	70.4
87	26.4	22.5	33.7
59	10.9	8.8	13.2





#23

Vinyl Acetate

Concen: 97.77 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion: 43 Resp: 579470

Ion Ratio Lower Upper

43 100

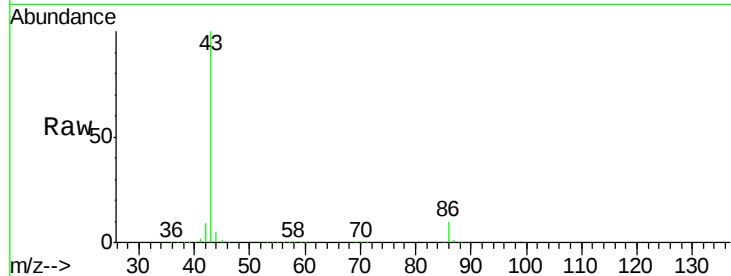
86 9.9 8.1 12.1

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

100000

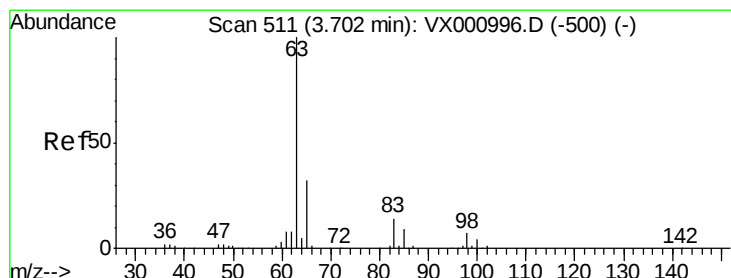
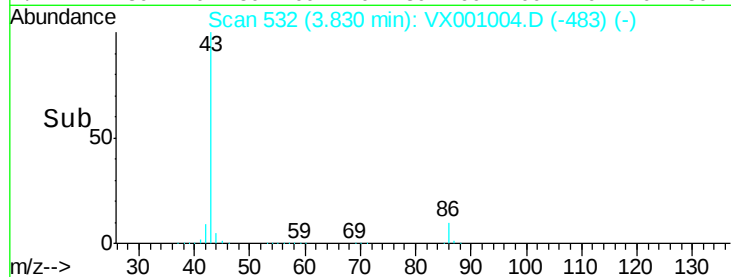
50000

0

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.70 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

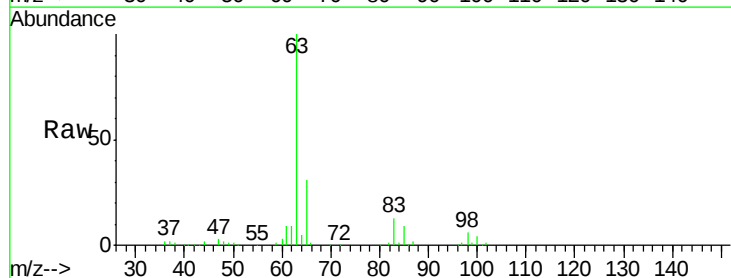
Tgt Ion: 63 Resp: 79114

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

100 4.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

20000

10000

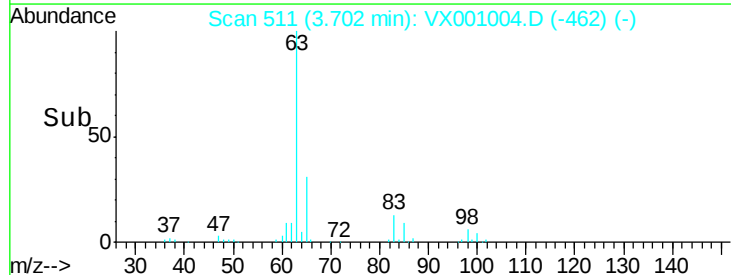
0

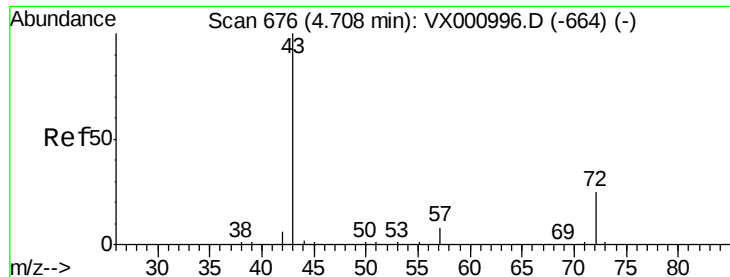
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 97.06 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion: 43 Resp: 151680

Ion Ratio Lower Upper

43 100

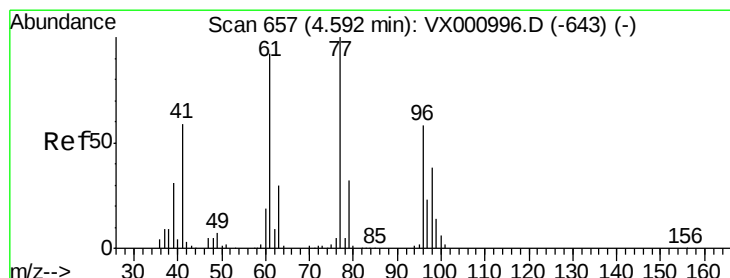
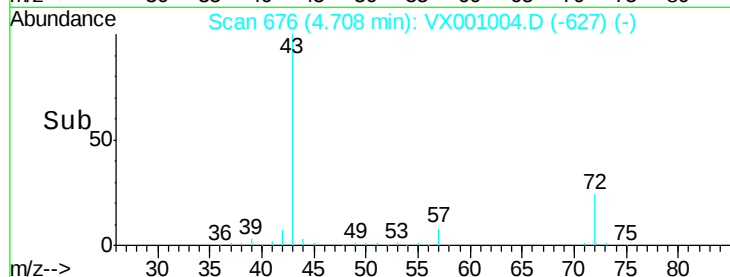
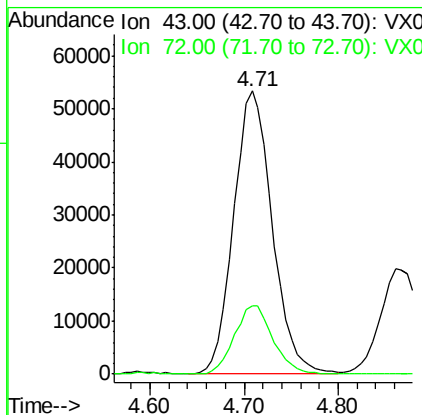
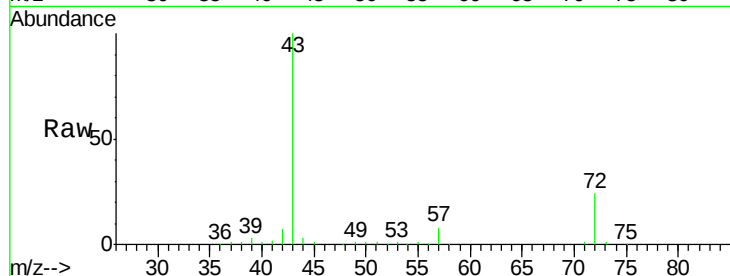
72 24.2 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.41 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001004.D

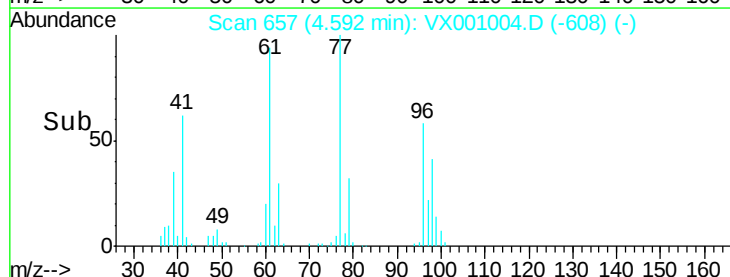
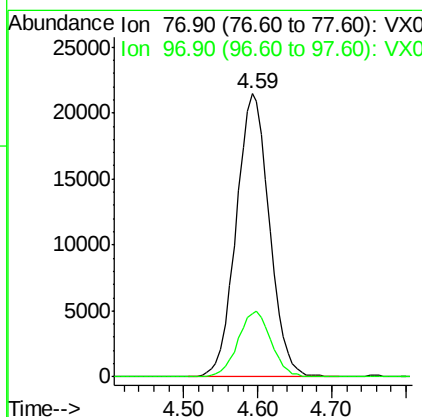
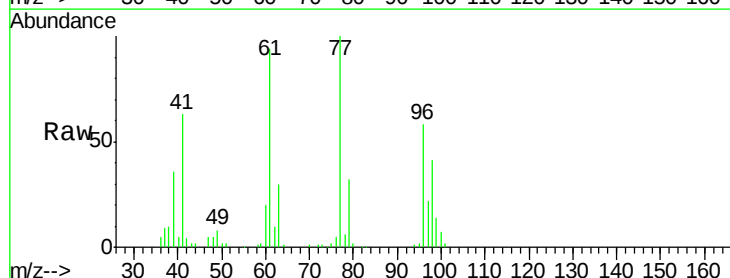
Acq: 20 Apr 2018 13:20

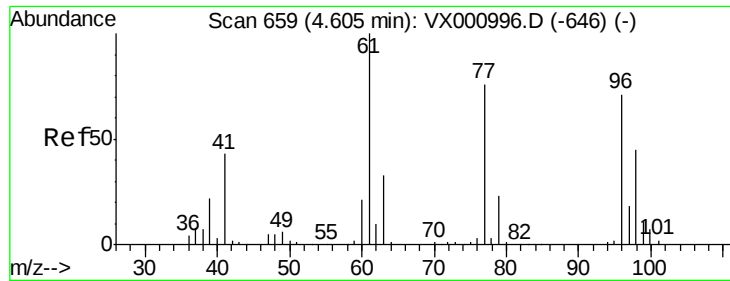
Tgt Ion: 77 Resp: 67030

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.56 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

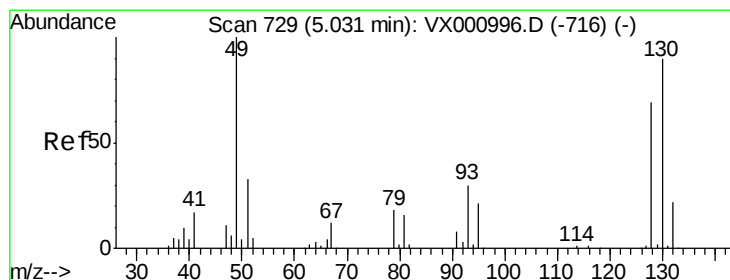
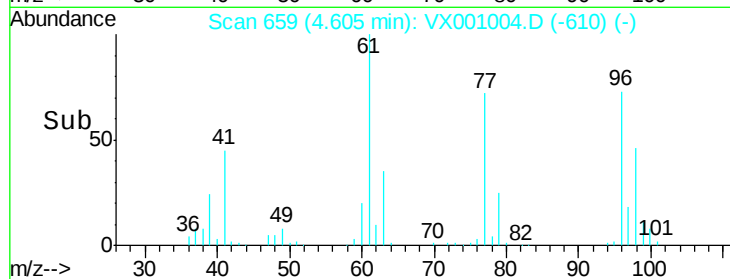
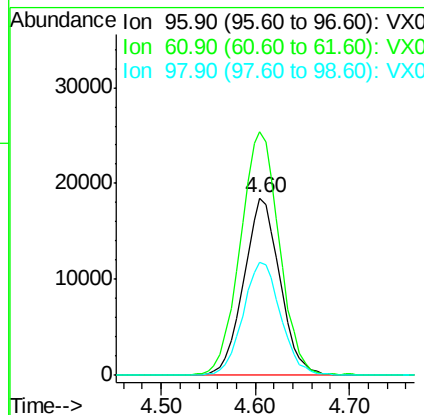
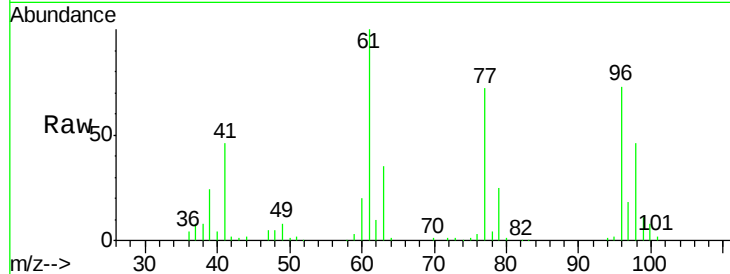
ClientSampleId :

VX0420WBS01

Tgt Ion:	96	Resp:	49575
Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	297.0
98	66.3	0.0	130.0

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#28

Bromochloromethane

Concen: 18.73 ug/l

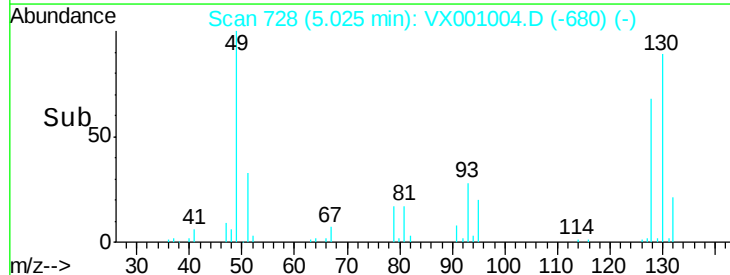
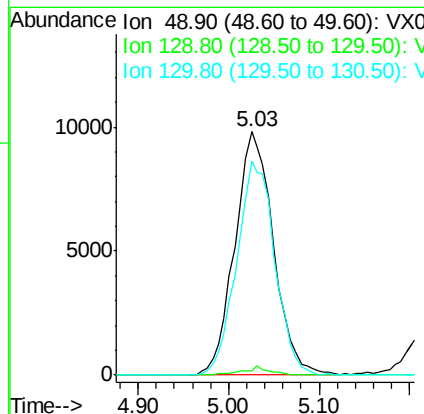
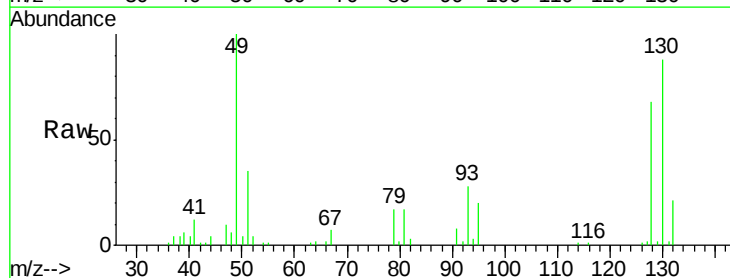
RT: 5.03 min Scan# 728

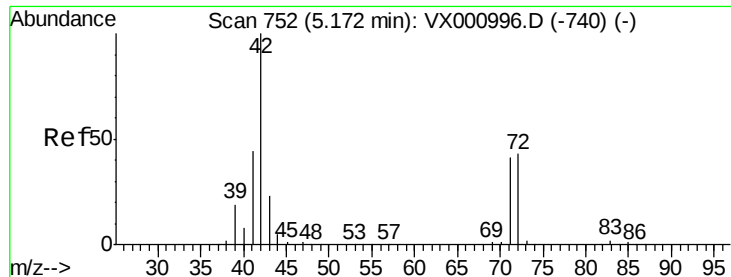
Delta R.T. -0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Tgt Ion:	49	Resp:	28927
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	86.4	70.6	105.8





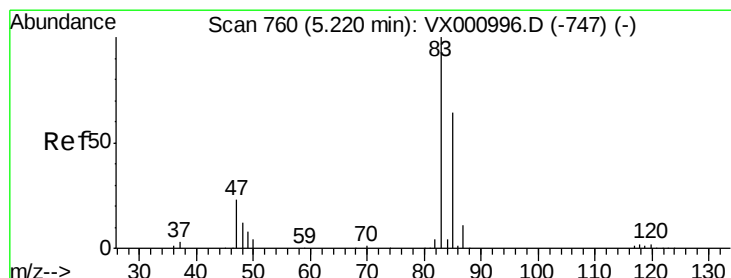
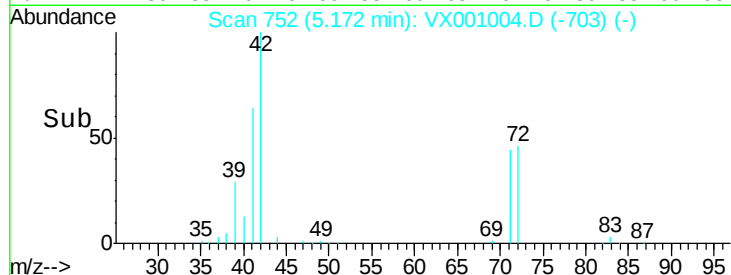
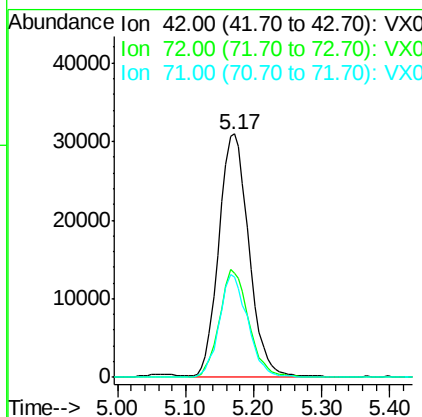
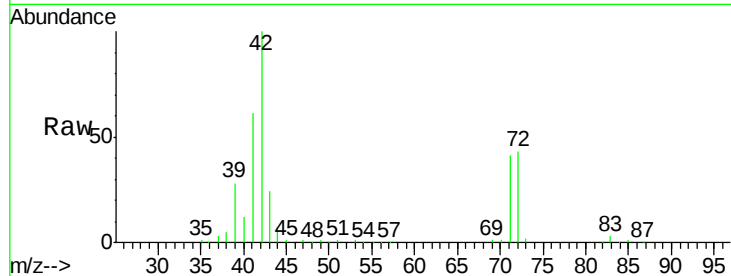
#29
Tetrahydrofuran
Concen: 95.53 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.6	52.0
71	40.2	32.6	49.0

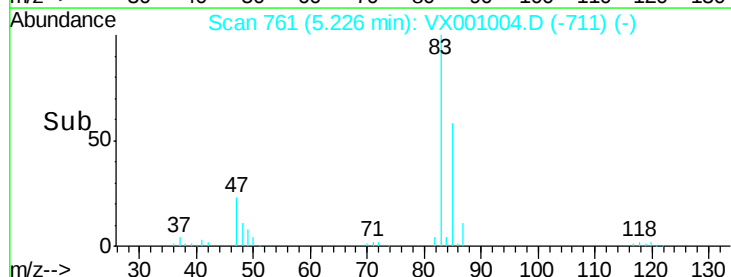
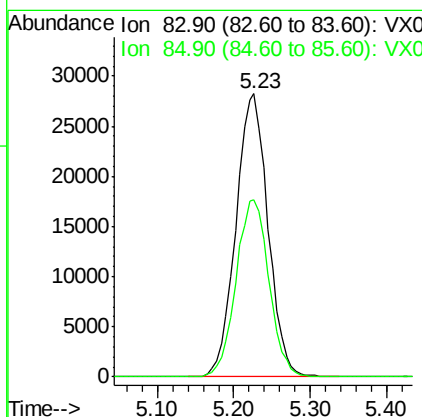
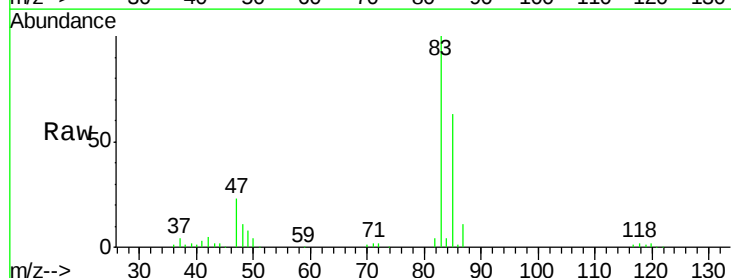
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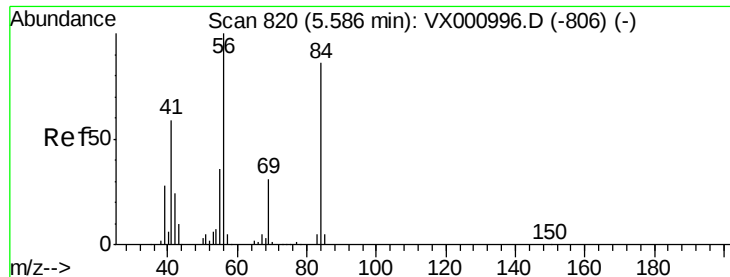
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#30
Chloroform
Concen: 19.72 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.3	76.9





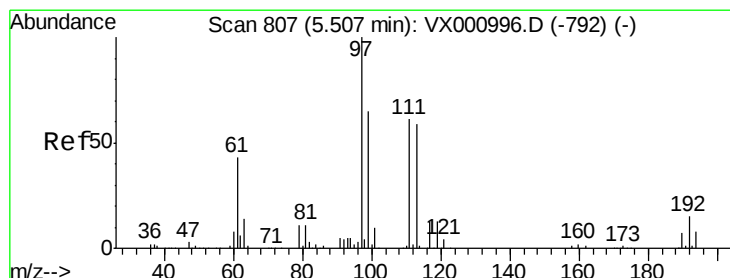
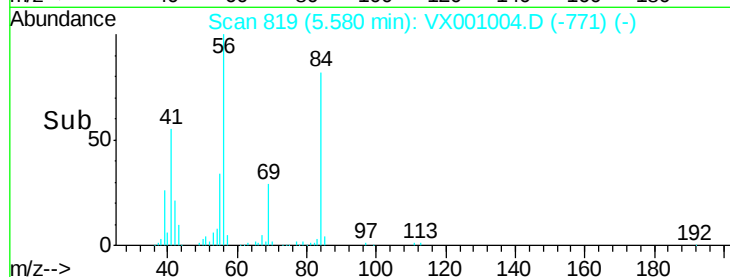
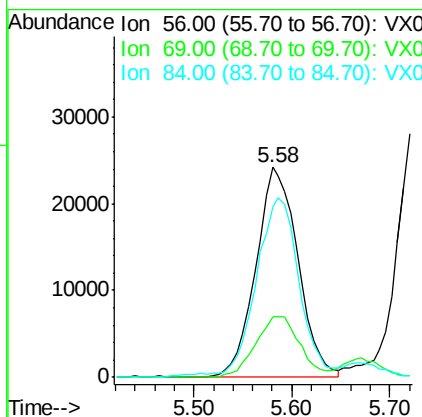
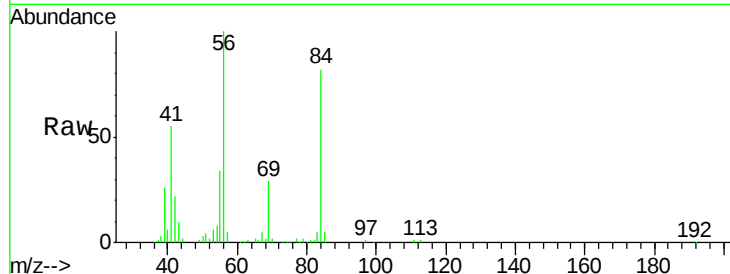
#31
Cyclohexane
Concen: 19.31 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.5	24.6	36.8
84	80.0	69.0	103.6

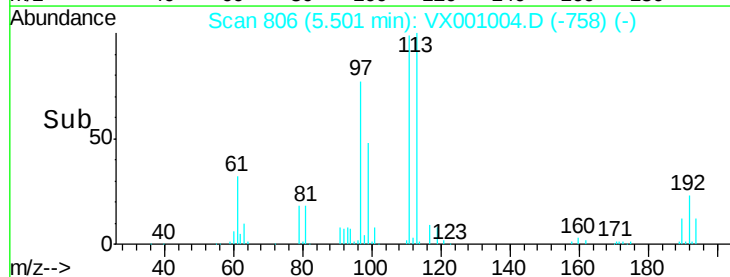
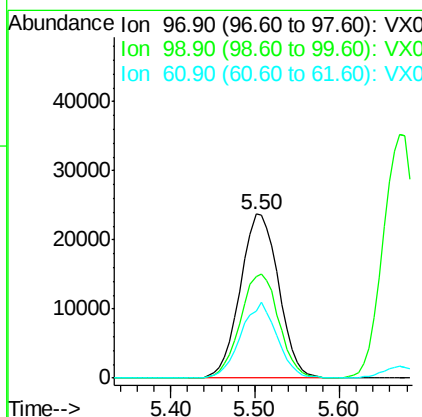
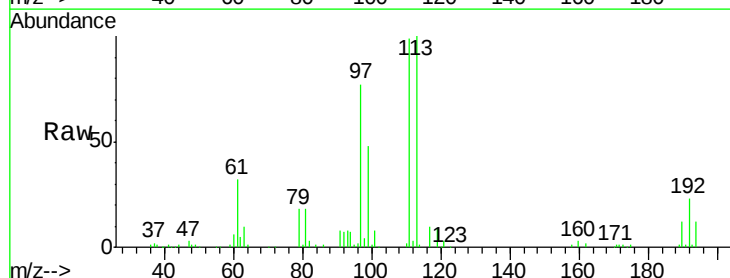
Manual Integrations
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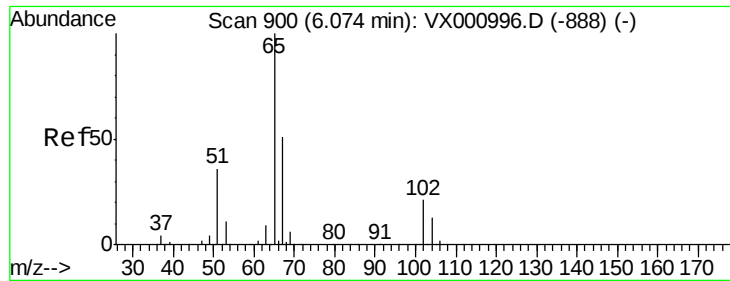
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#32
1,1,1-Trichloroethane
Concen: 19.73 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	43.6	34.4	51.6





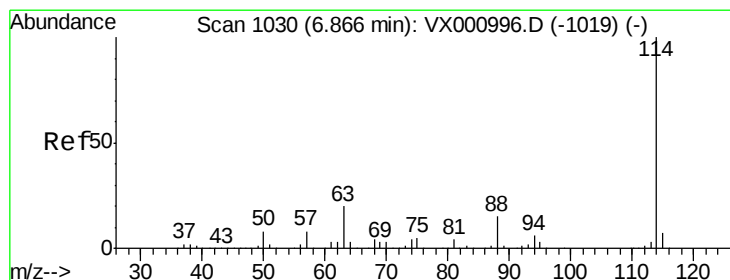
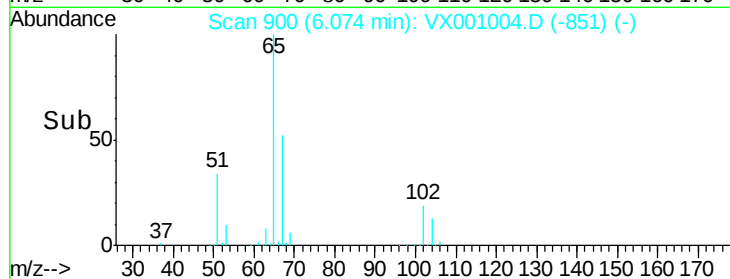
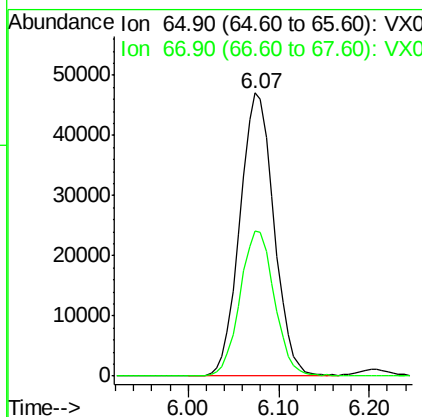
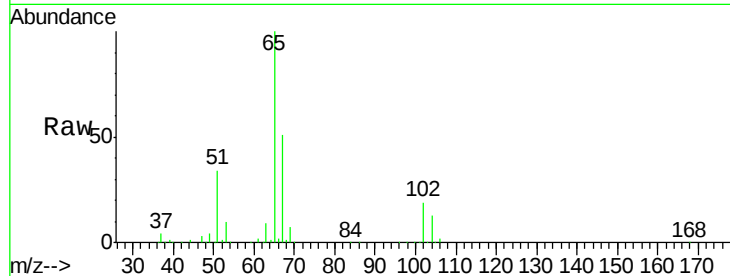
#33
 1,2-Dichloroethane-d4
 Concen: 46.19 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	122815		
67	51.5	0.0	102.6	

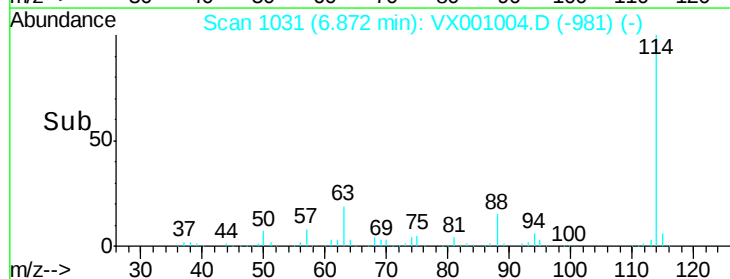
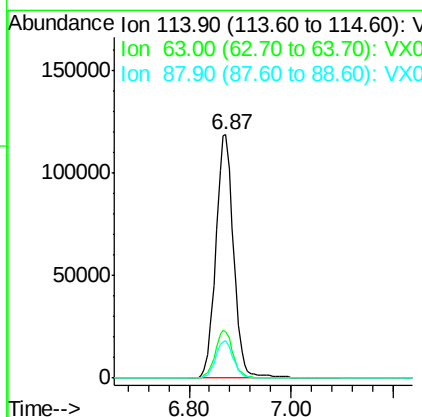
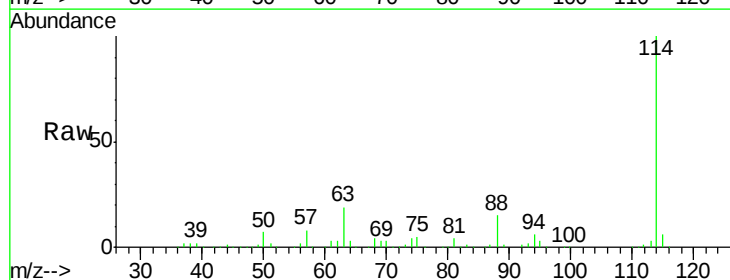
Manual Integrations
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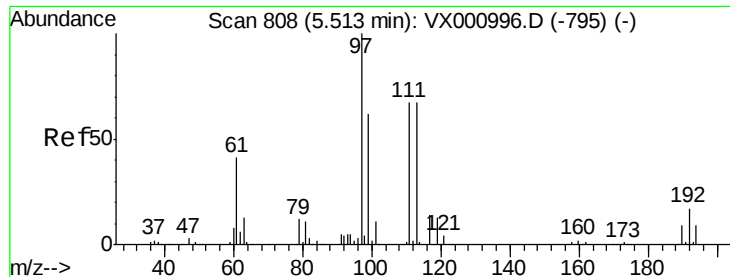
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	289327		
63	19.2	0.0	39.4	
88	15.3	0.0	29.8	





#35

Dibromofluoromethane

Concen: 45.39 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

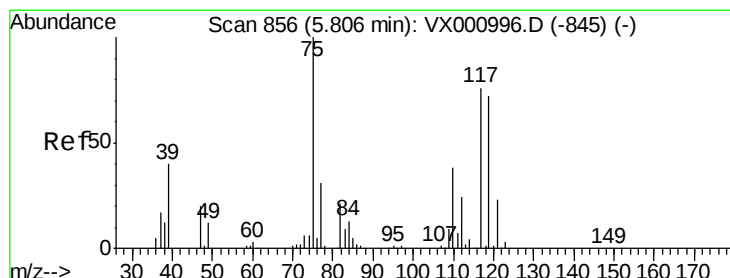
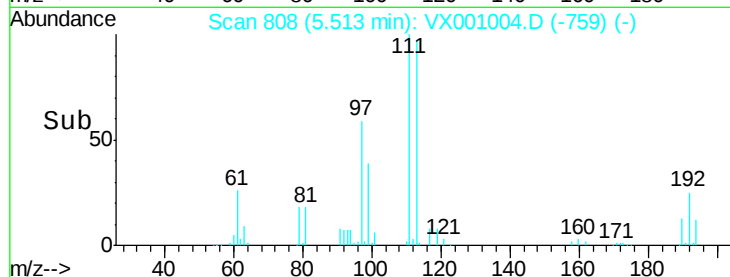
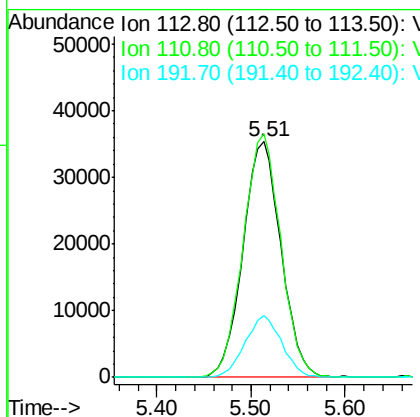
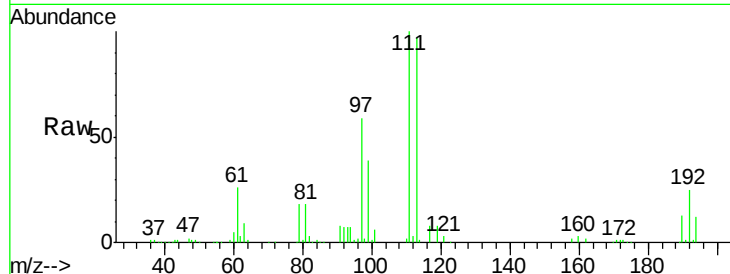
ClientSampleId :

VX0420WBS01

Tgt Ion:	113	Resp:	100149
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.4	122.2
192	25.6	20.4	30.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.87 ug/l

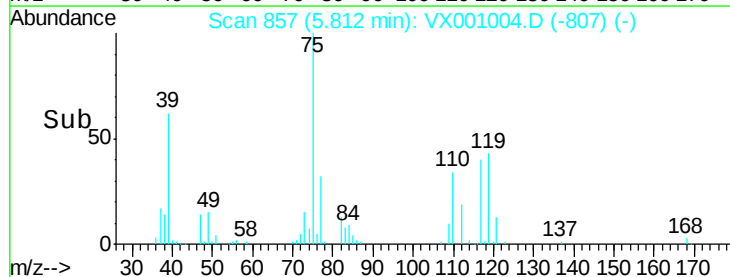
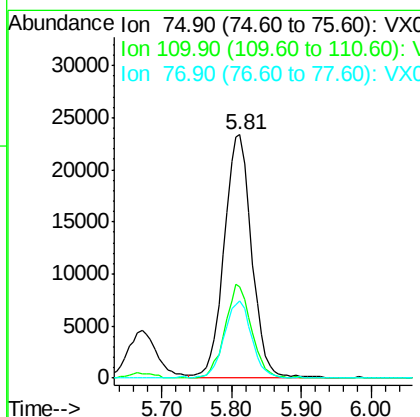
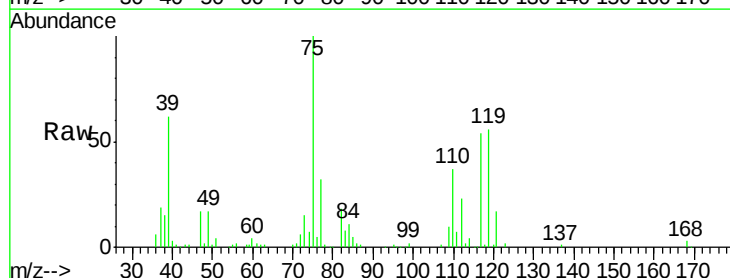
RT: 5.81 min Scan# 857

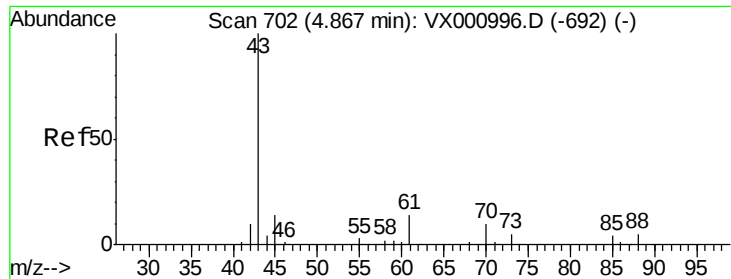
Delta R.T. 0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Tgt Ion:	75	Resp:	64172
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.7	56.1
77	30.7	25.0	37.4





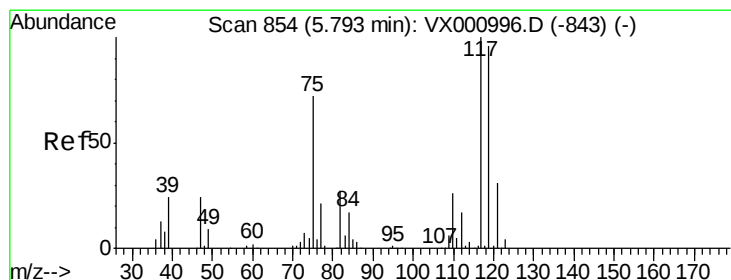
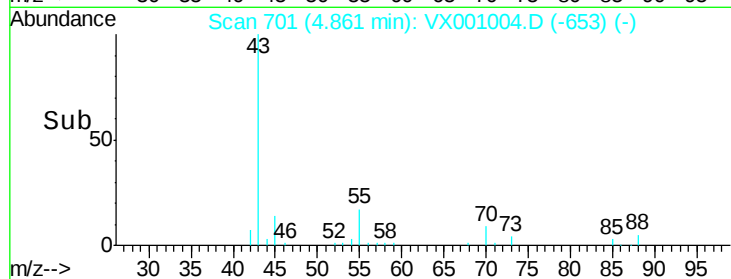
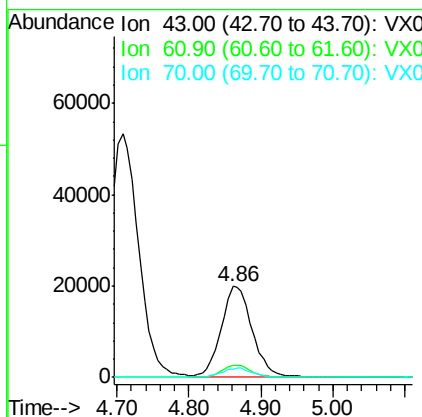
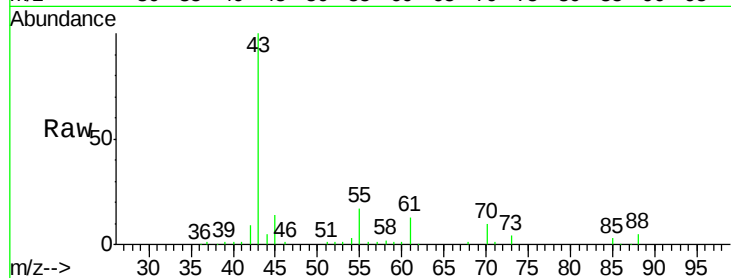
#37
Ethyl Acetate
Concen: 18.97 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.7	16.1
70	10.1	8.3	12.5

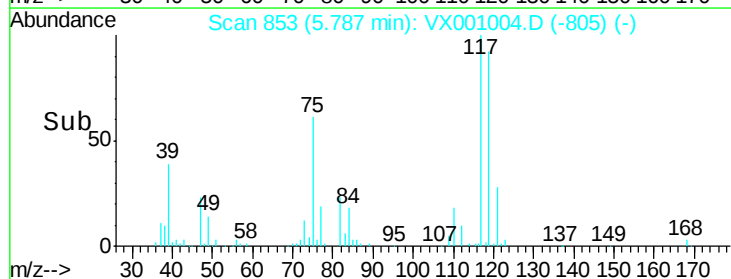
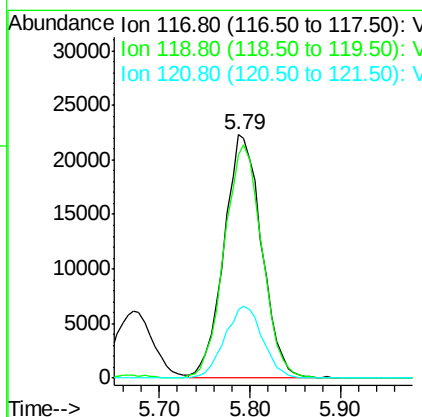
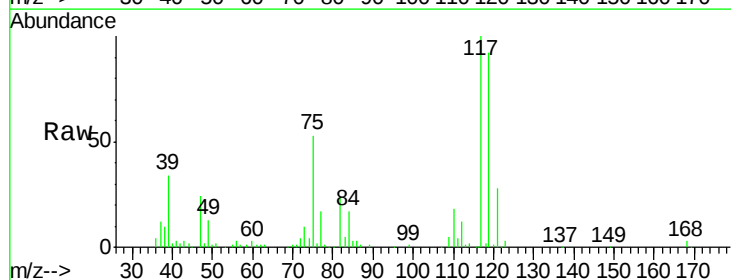
Manual Integrations
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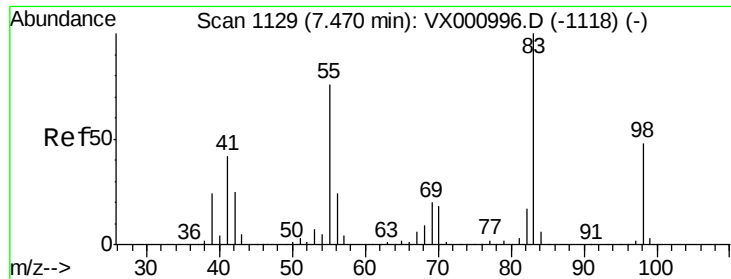
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#38
Carbon Tetrachloride
Concen: 18.69 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.5	114.7
121	28.2	24.5	36.7





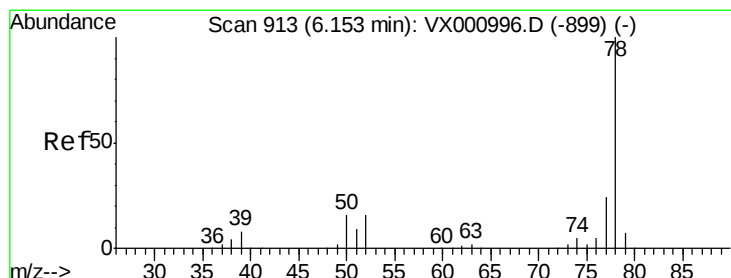
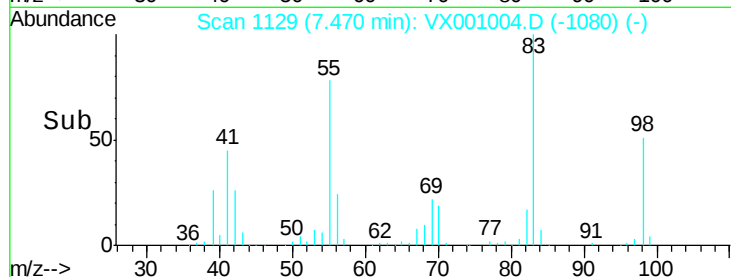
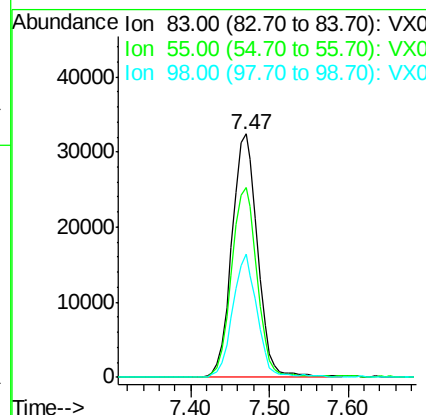
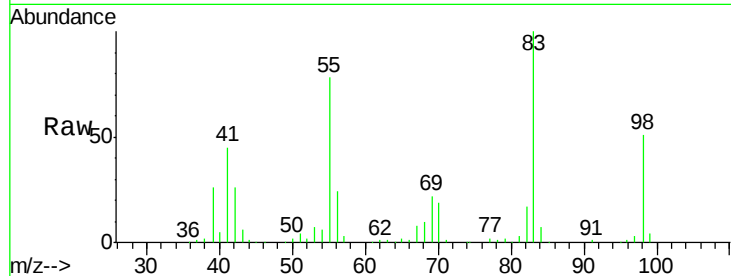
#39
Methylcyclohexane
Concen: 18.64 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.9	60.6	91.0
98	50.7	38.2	57.4

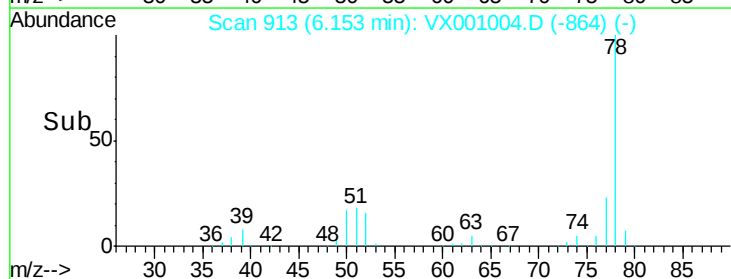
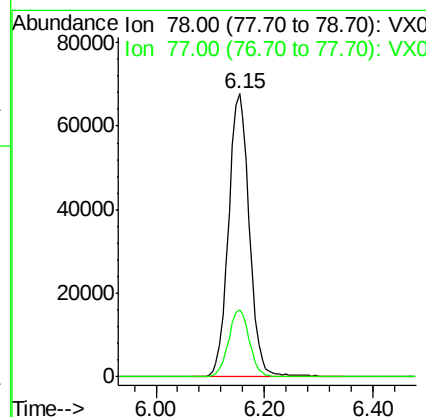
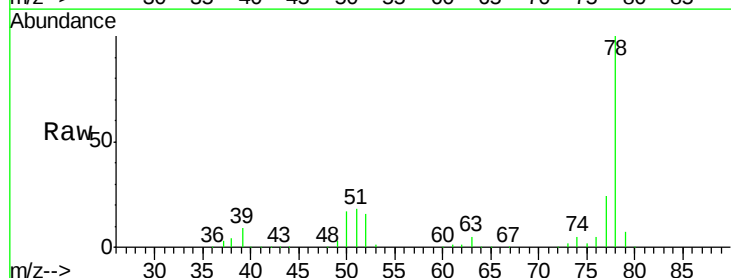
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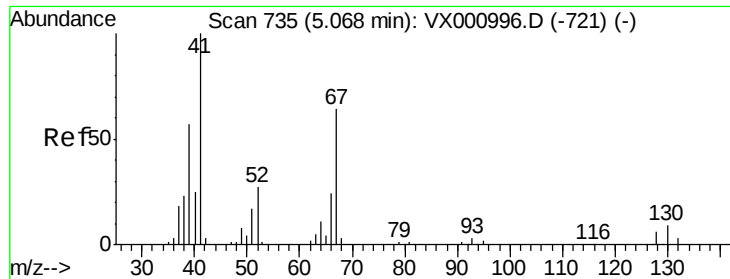
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#40
Benzene
Concen: 19.09 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





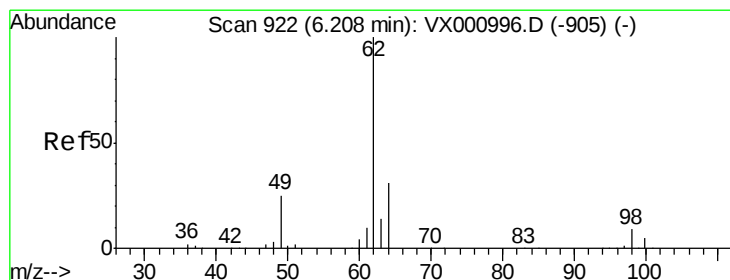
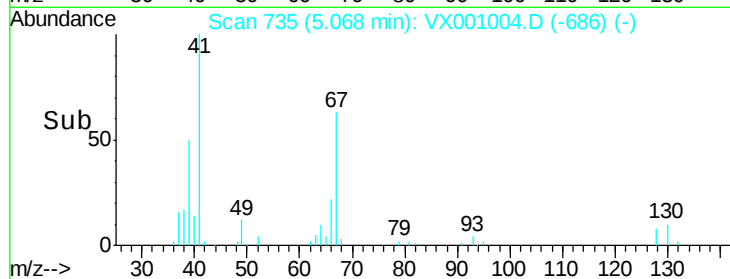
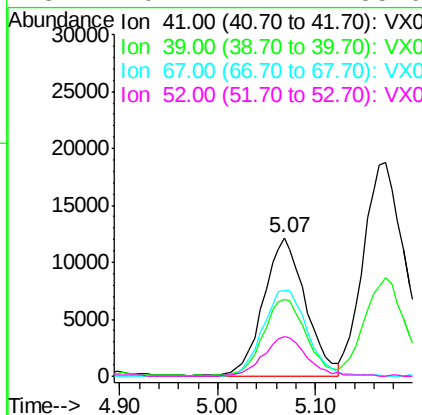
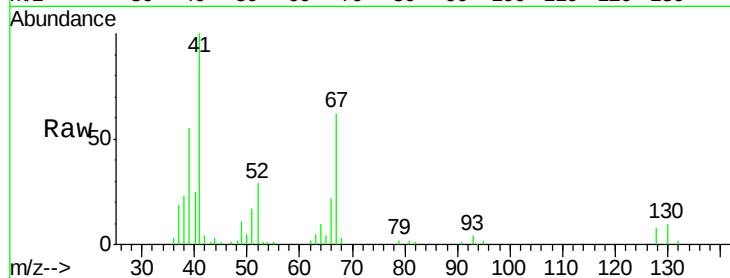
#41
Methacrylonitrile
Concen: 18.81 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.2	67.8
67	65.5	53.8	80.8
52	29.4	22.4	33.6

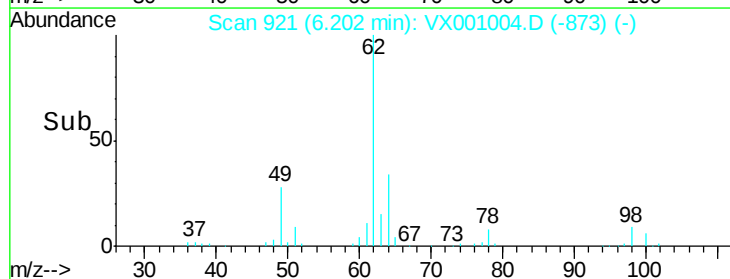
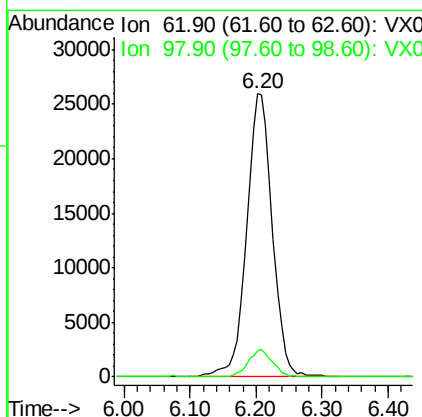
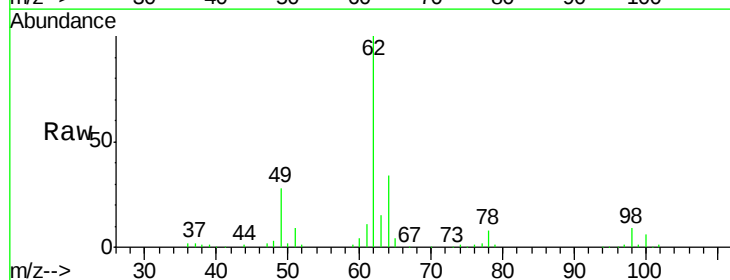
Manual Integrations
APPROVED

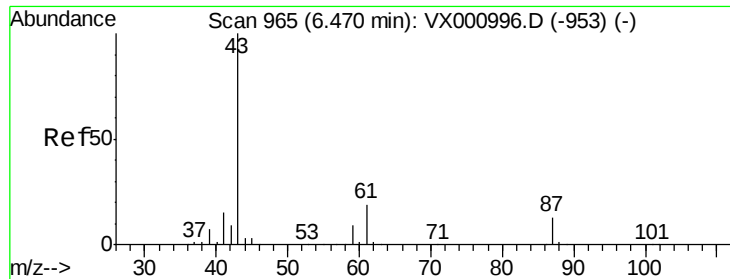
MMDadoda
4/23/2018 1:27:38 PM



#42
1,2-Dichloroethane
Concen: 19.35 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6





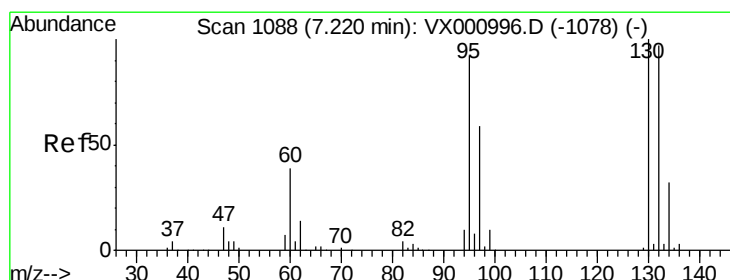
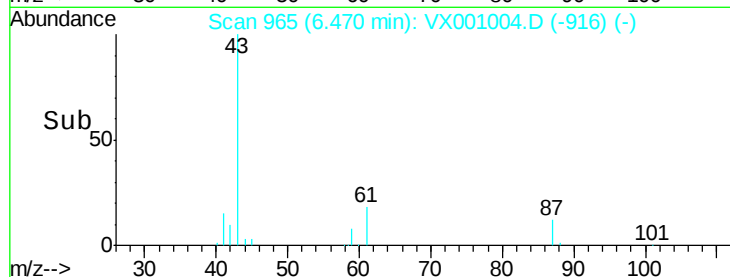
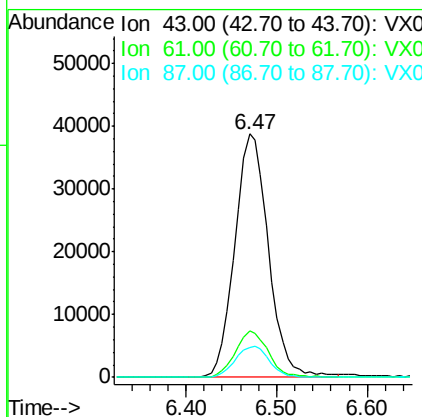
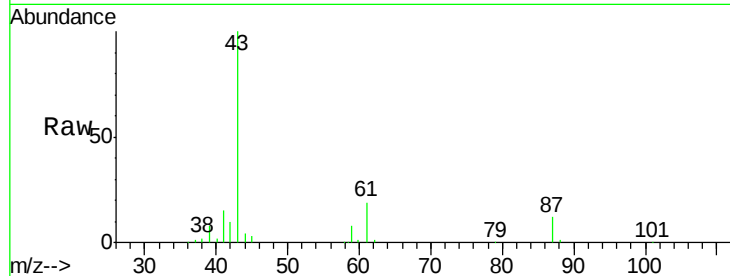
#43
Isopropyl Acetate
Concen: 18.57 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.2
87	13.0	10.6	15.8

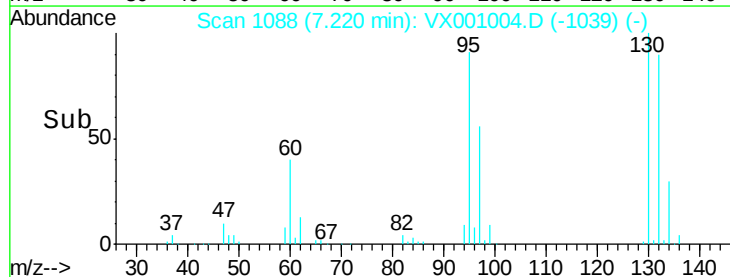
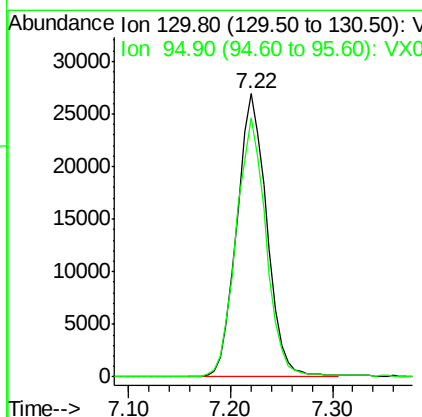
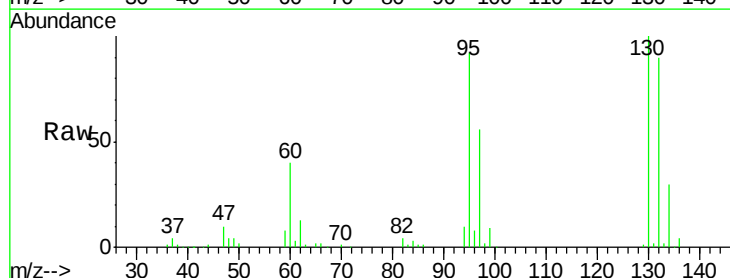
Manual Integrations
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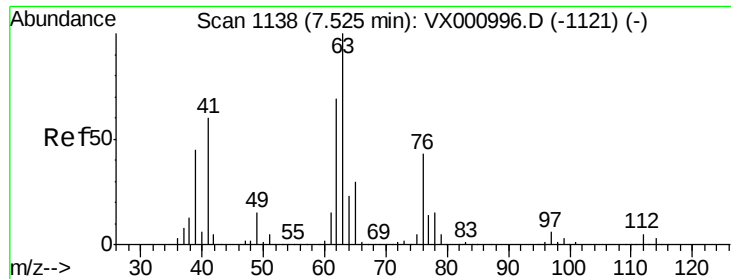
MMDadoda
4/23/2018 1:27:38 PM



#44
Trichloroethene
Concen: 19.06 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	184.2





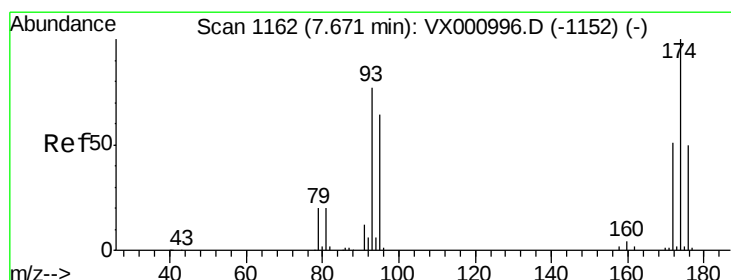
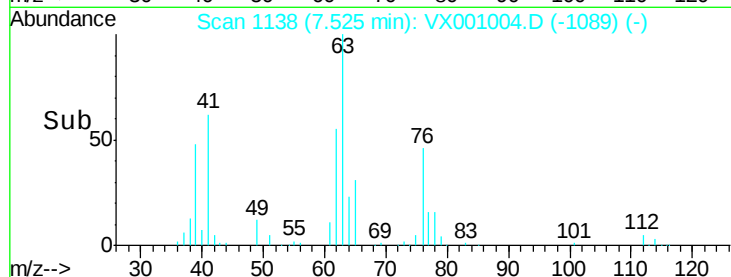
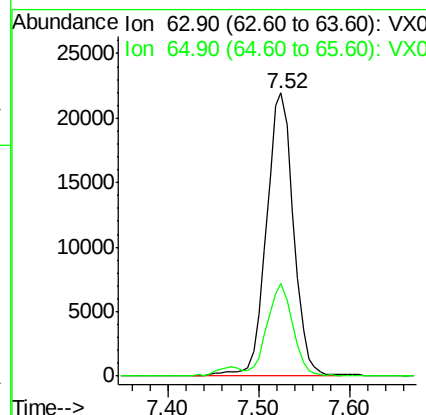
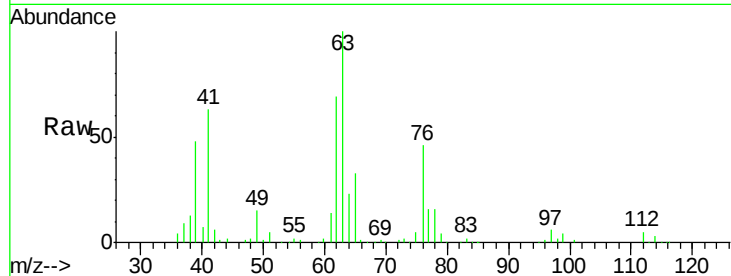
#45
 1,2-Dichloropropane
 Concen: 19.10 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tgt Ion: 63 Resp: 45408
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.4 36.6

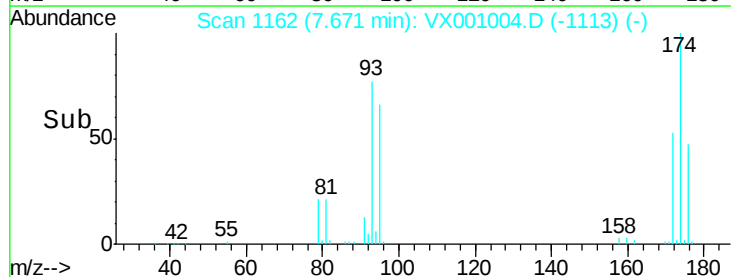
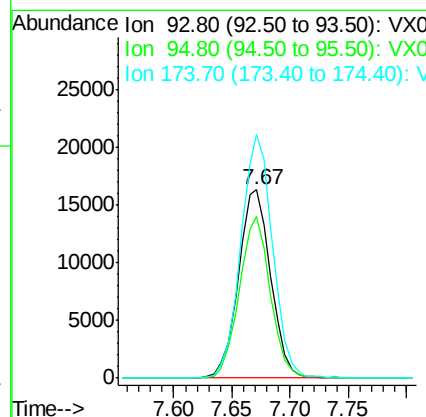
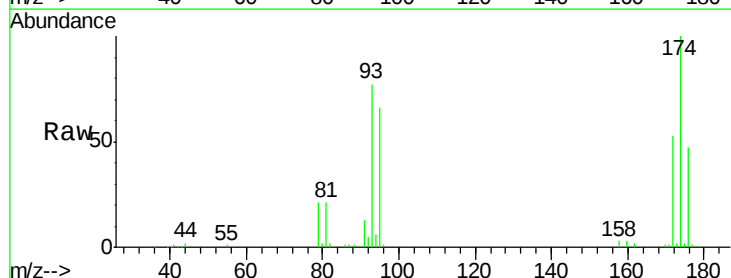
Manual Integrations
 APPROVED

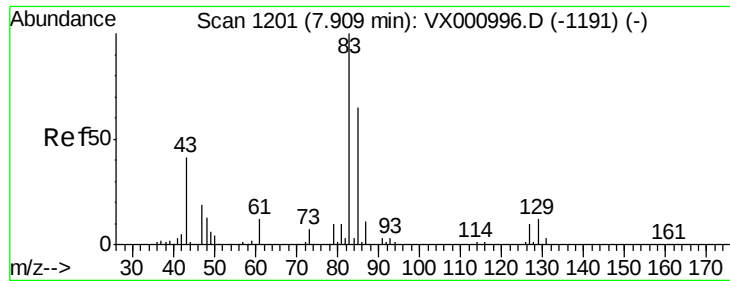
MMDadoda
 4/23/2018 1:27:38 PM



#46
 Dibromomethane
 Concen: 18.93 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion: 93 Resp: 31441
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.7 100.1
 174 127.5 101.8 152.6





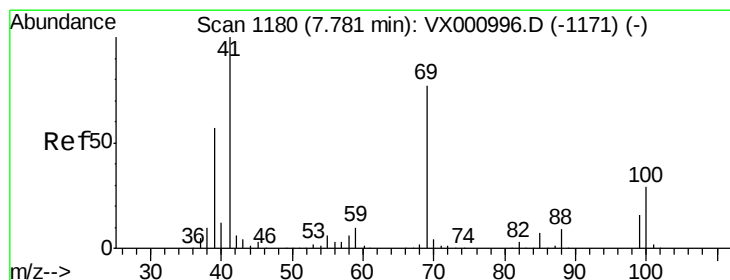
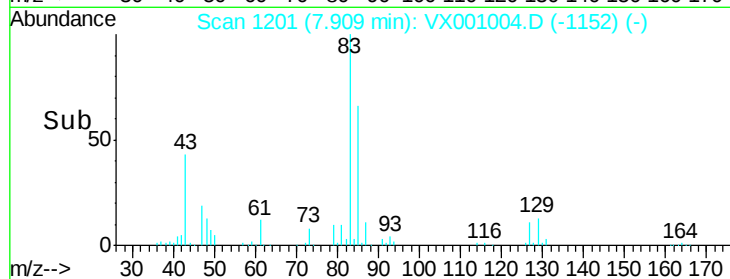
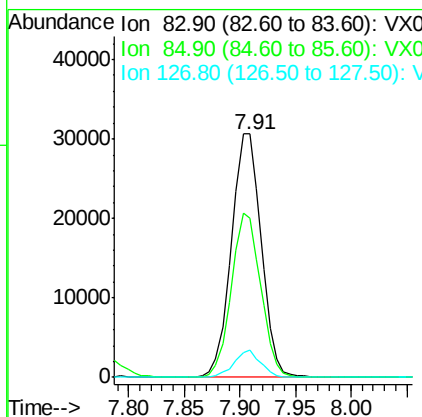
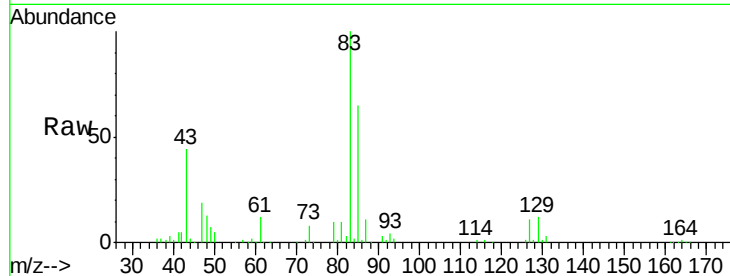
#47
 Bromodichloromethane
 Concen: 18.53 ug/l
 RT: 7.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.3	78.5
127	11.2	7.8	11.6

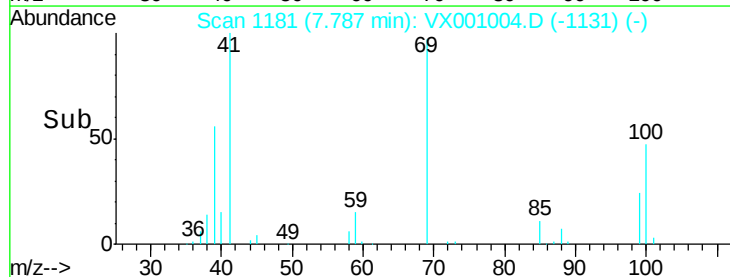
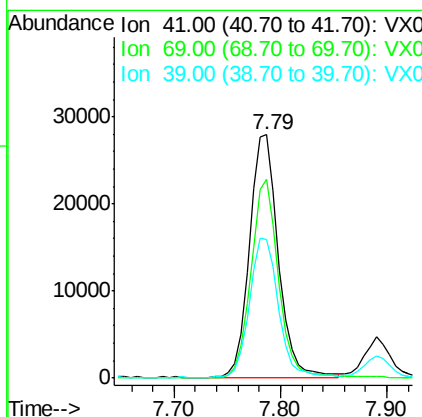
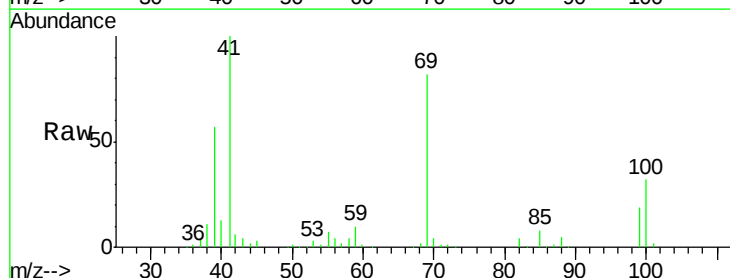
Manual Integrations
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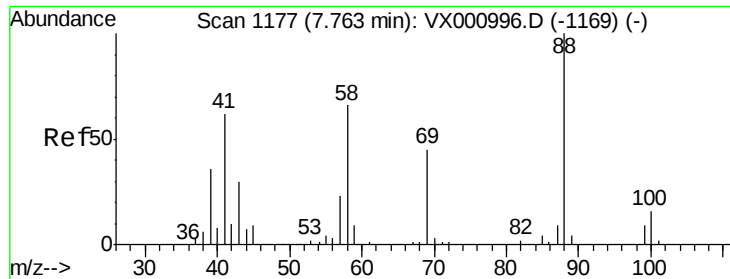
MMDadoda
 4/23/2018 1:27:38 PM



#48
 Methyl methacrylate
 Concen: 18.42 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.6	62.6	94.0
39	57.9	45.3	67.9





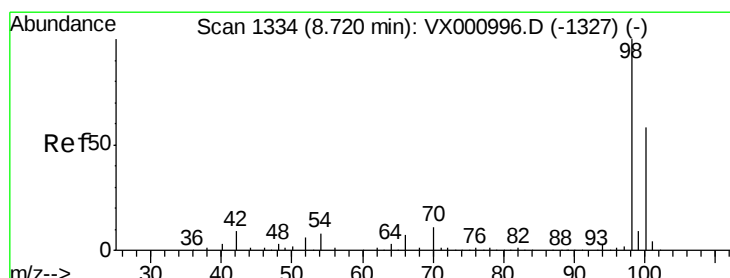
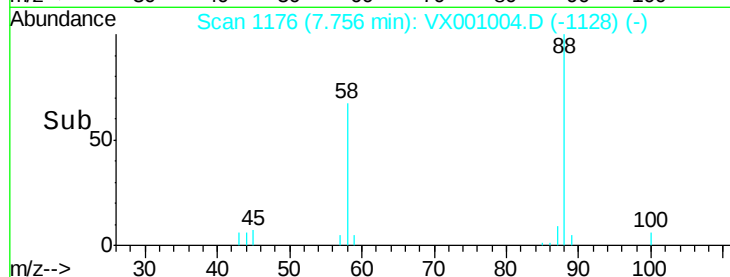
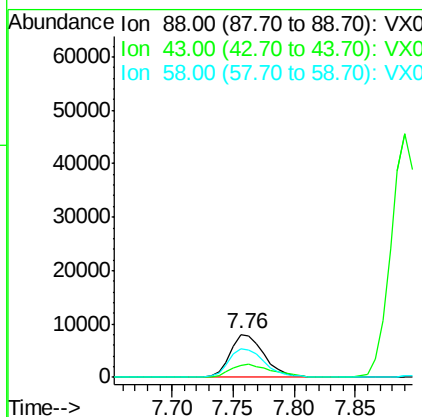
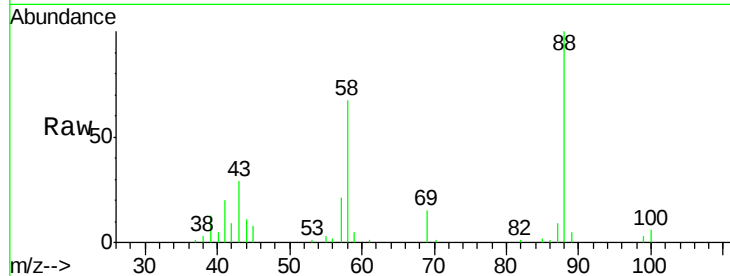
#49
1,4-Dioxane
Concen: 365.85 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.2	29.2	43.8
58	71.0	55.0	82.6

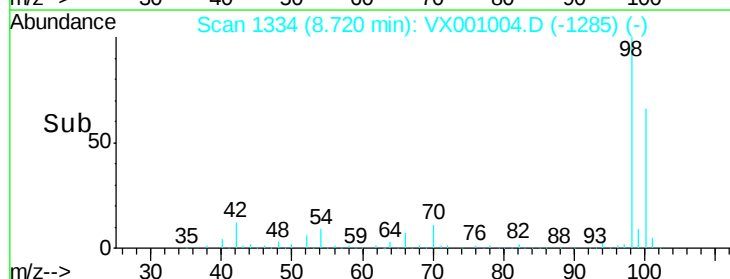
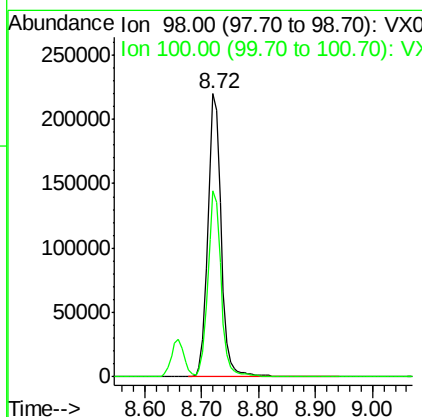
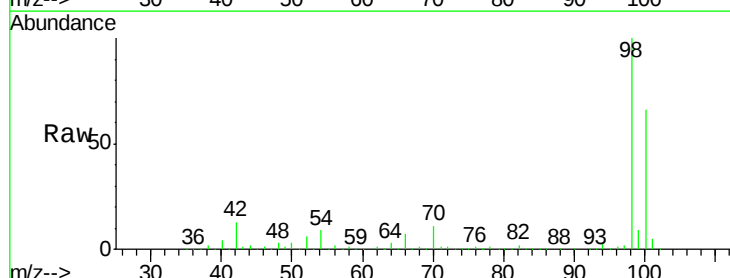
Manual Integrations
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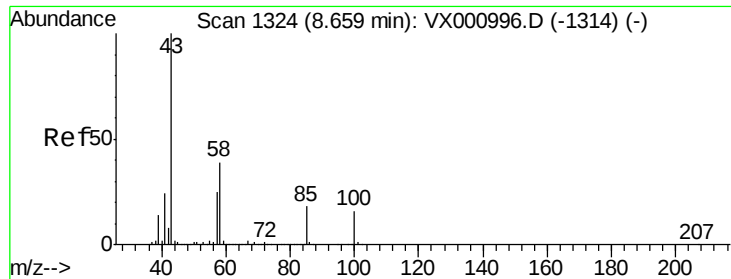
MMDadoda
4/23/2018 1:27:38 PM



#50
Toluene-d8
Concen: 44.30 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9





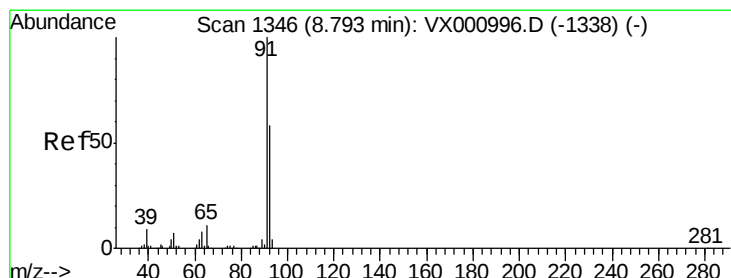
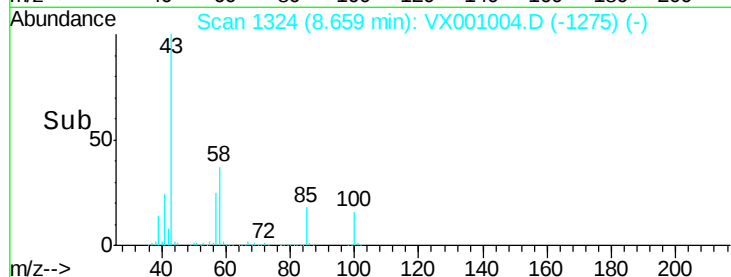
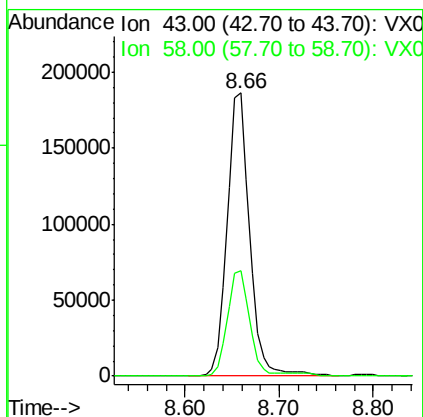
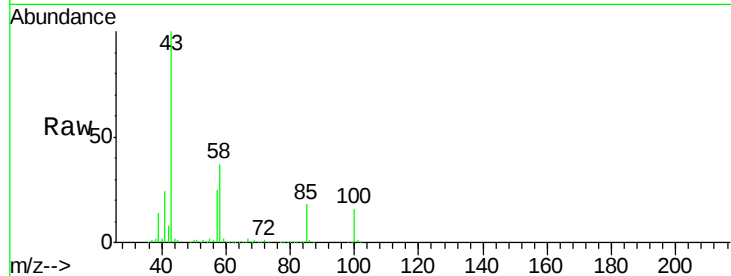
#51
 4-Methyl-2-Pentanone
 Concen: 95.02 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tgt Ion: 43 Resp: 308706
 Ion Ratio Lower Upper
 43 100
 58 36.8 30.2 45.4

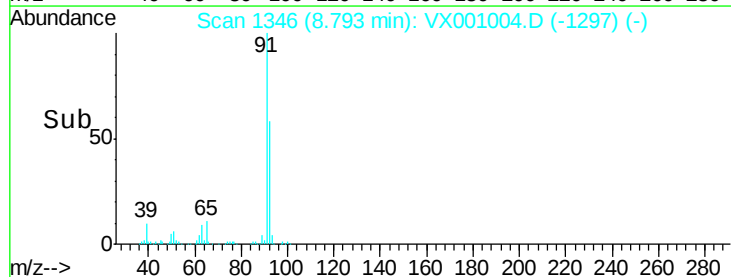
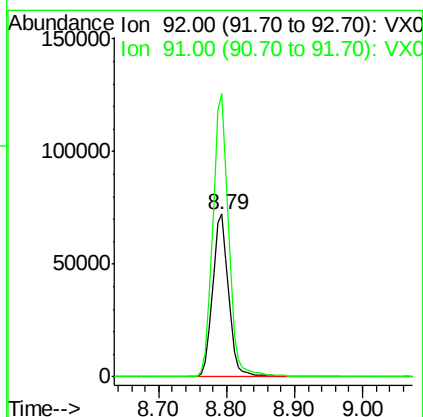
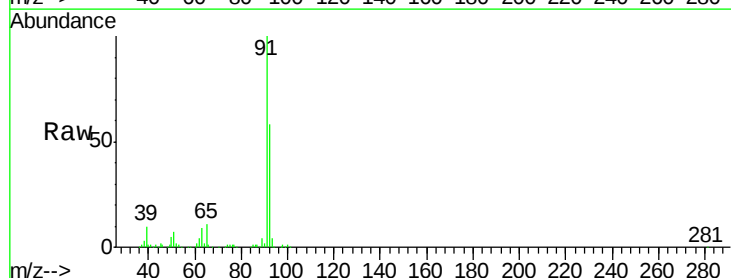
Manual Integrations
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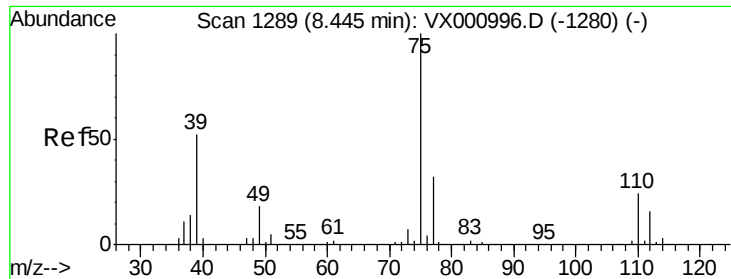
MMDadoda
 4/23/2018 1:27:38 PM



#52
 Toluene
 Concen: 19.15 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion: 92 Resp: 118128
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.2 207.4





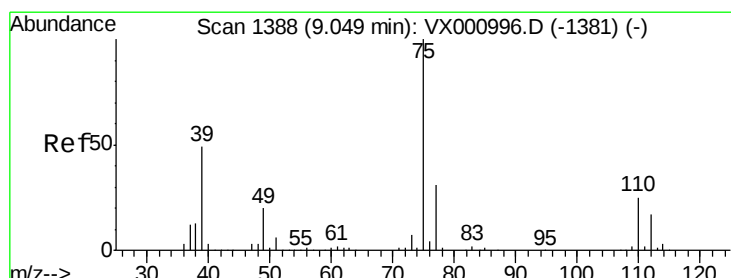
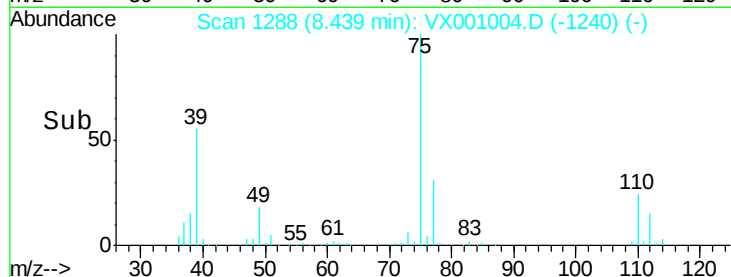
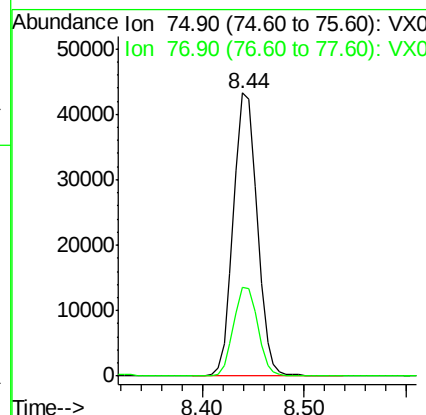
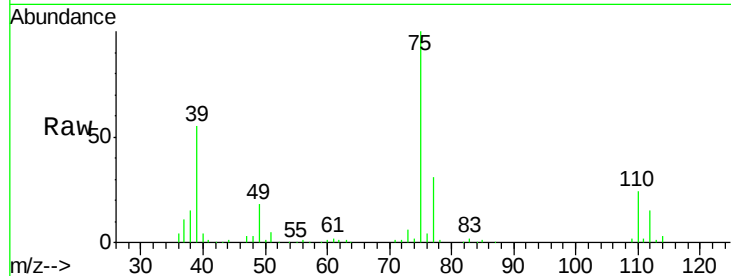
#53
t-1,3-Dichloropropene
Concen: 19.04 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion: 75 Resp: 70048
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6

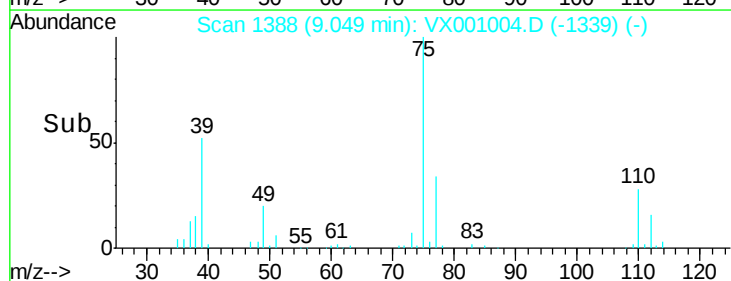
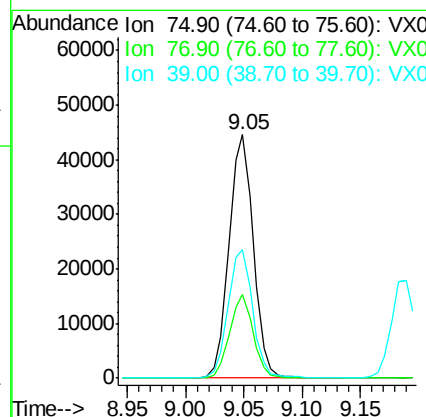
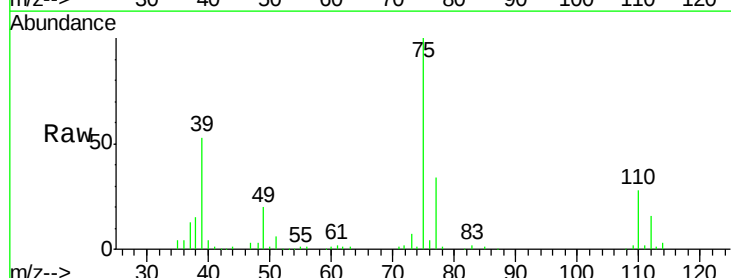
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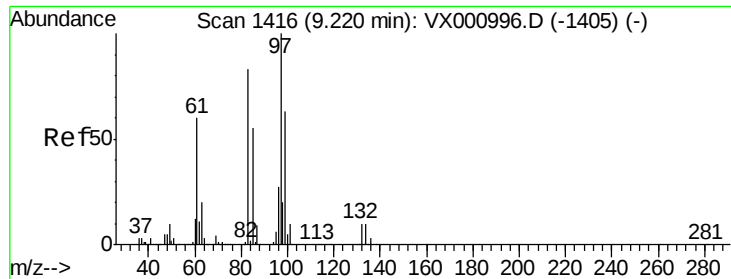
MMDadoda
4/23/2018 1:27:38 PM



#54
cis-1,3-Dichloropropene
Concen: 18.60 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 75 Resp: 64536
Ion Ratio Lower Upper
75 100
77 34.2 25.0 37.6
39 52.3 39.2 58.8





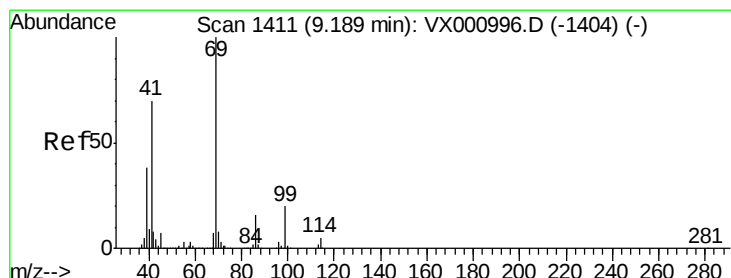
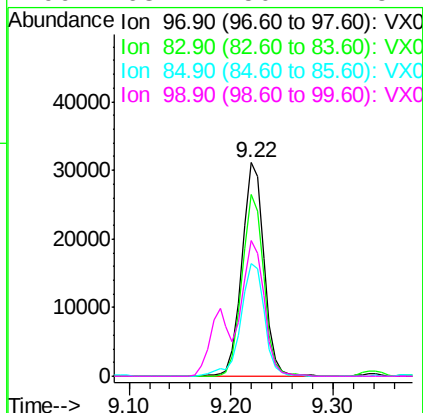
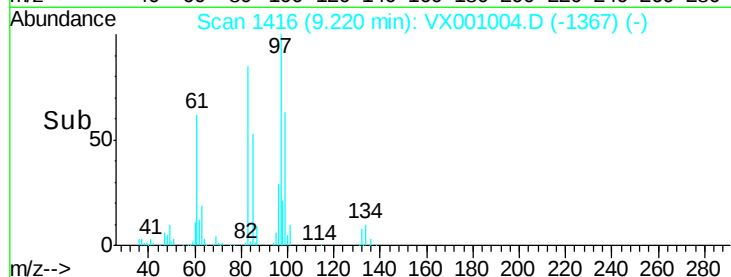
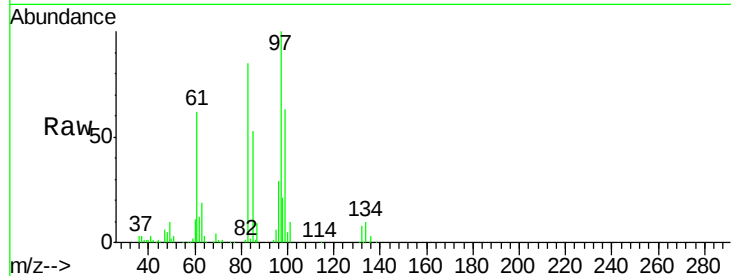
#55
 1,1,2-Trichloroethane
 Concen: 18.98 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tgt Ion:	97	Resp:	46538
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.2	99.4
85	52.6	44.2	66.4
99	63.2	50.2	75.4

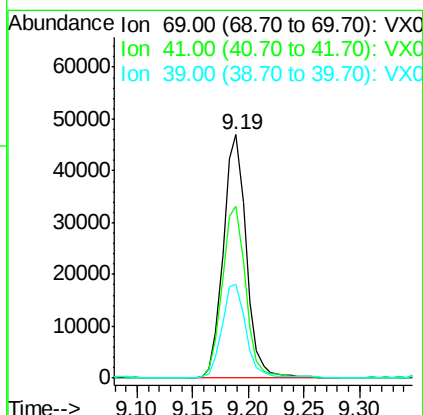
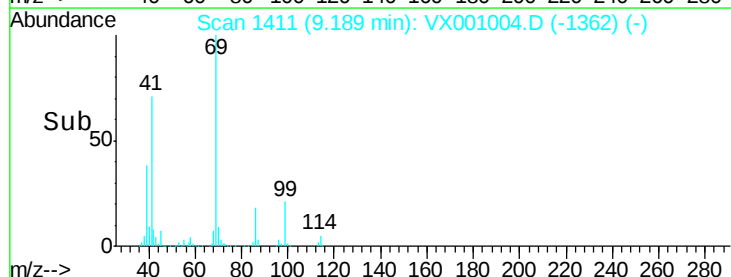
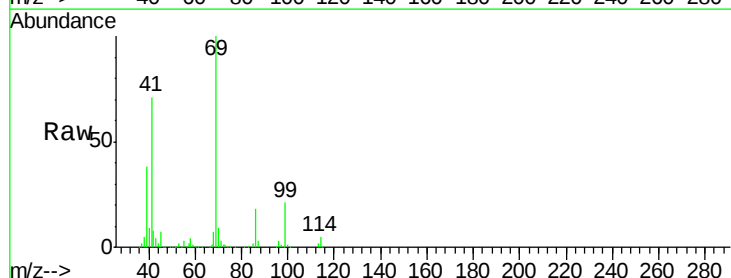
Manual Integrations
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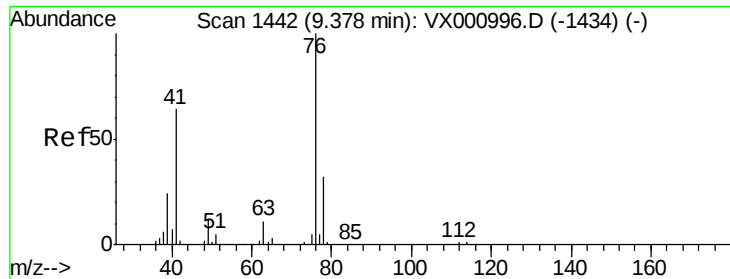
MMDadoda
 4/23/2018 1:27:38 PM



#56
 Ethyl methacrylate
 Concen: 18.79 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion:	69	Resp:	67672
Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.3	84.5
39	39.8	30.4	45.6





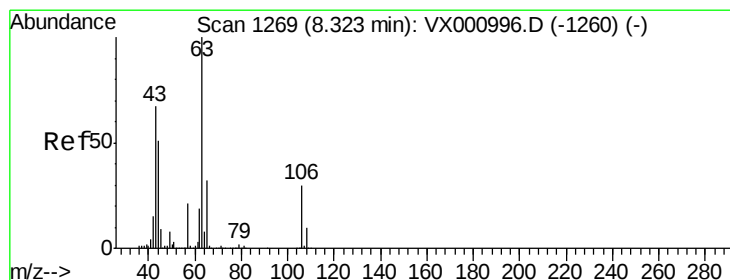
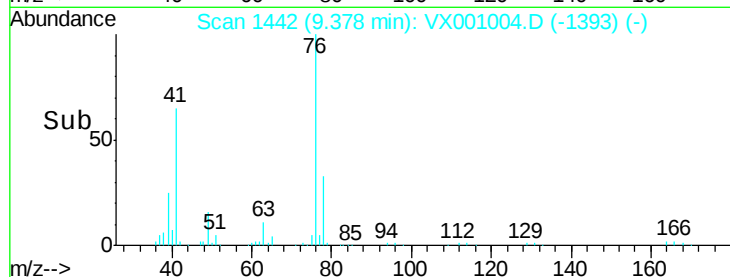
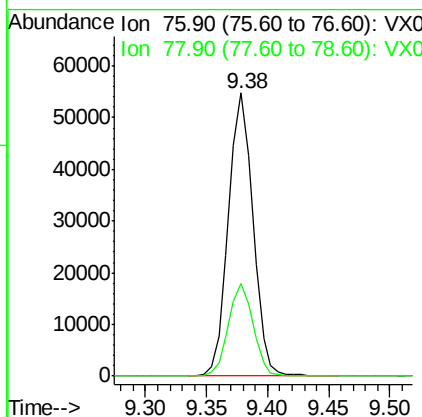
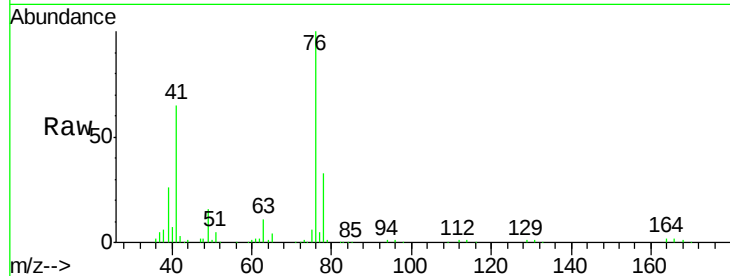
#57
 1,3-Dichloropropane
 Concen: 18.75 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tgt Ion: 76 Resp: 76176
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.6

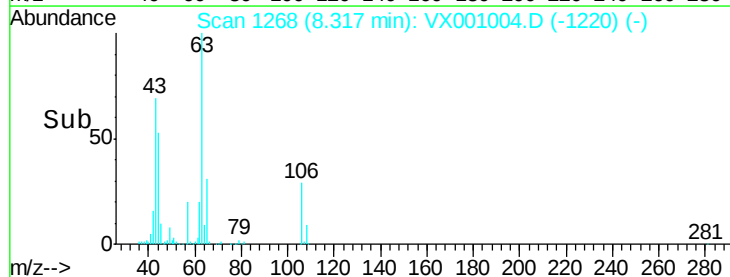
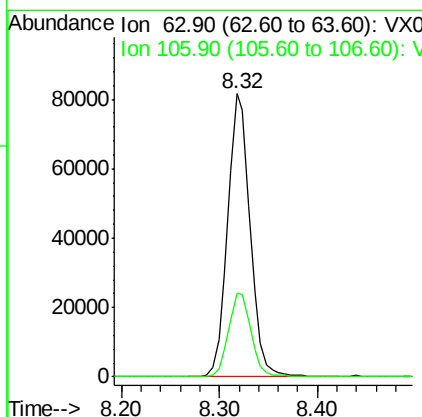
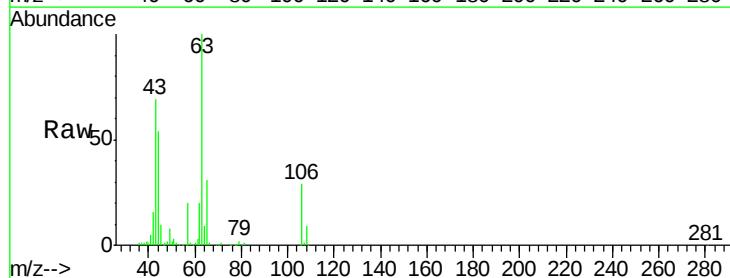
Manual Integrations
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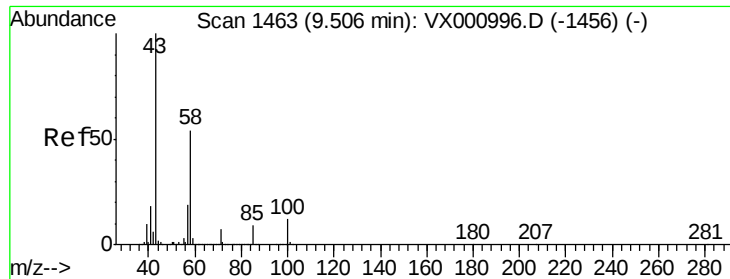
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 73.85 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion: 63 Resp: 129807
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.8 35.6





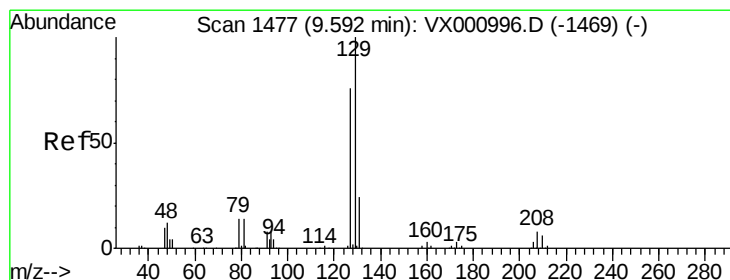
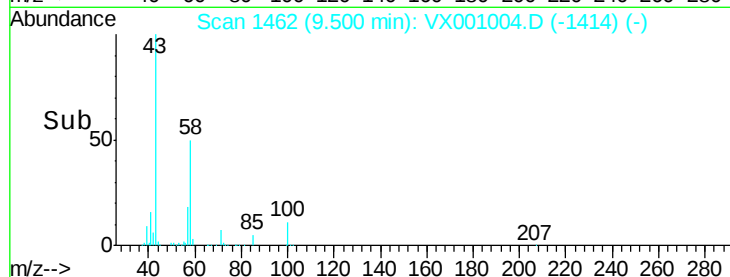
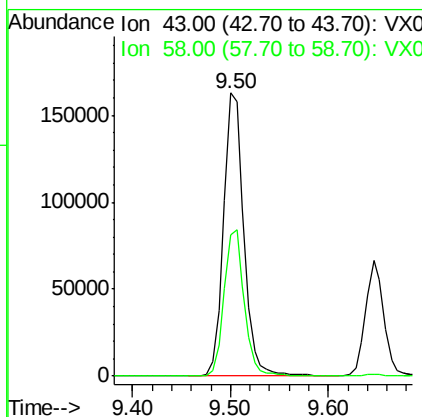
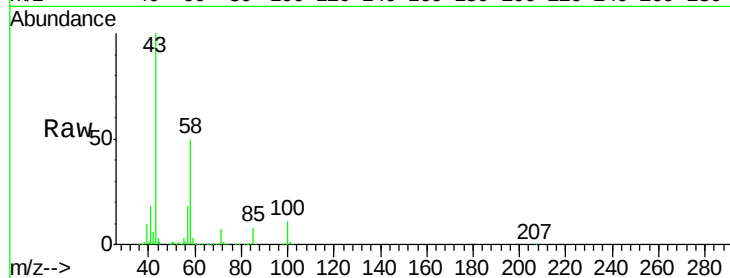
#59
2-Hexanone
Concen: 94.34 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion: 43 Resp: 234588
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.9

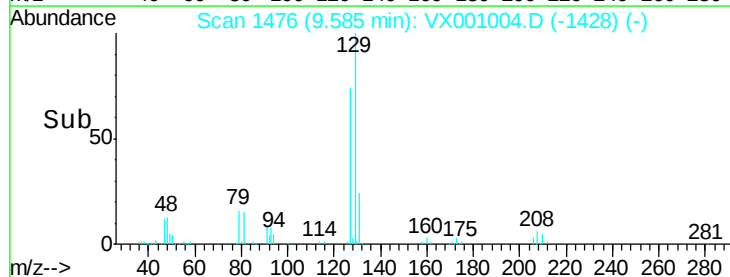
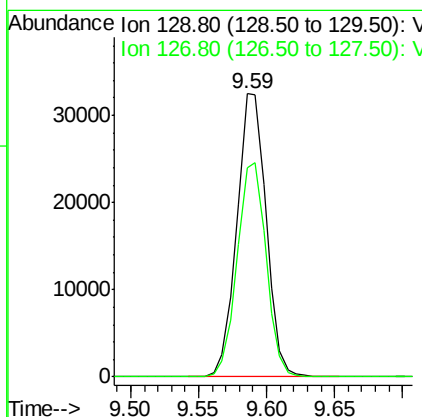
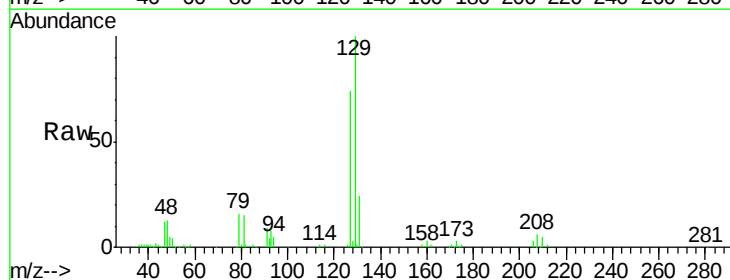
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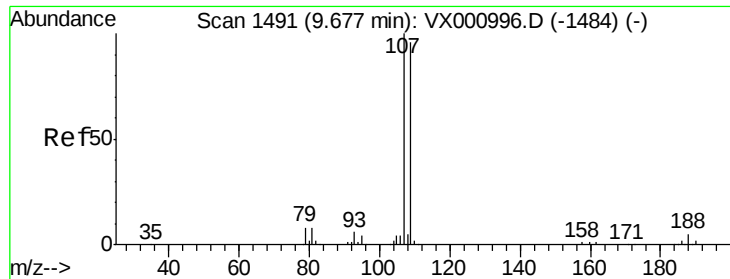
MMDadoda
4/23/2018 1:27:38 PM



#60
Dibromochloromethane
Concen: 18.94 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 129 Resp: 48790
Ion Ratio Lower Upper
129 100
127 74.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.13 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion: 107 Resp: 49509

Ion Ratio Lower Upper

107 100

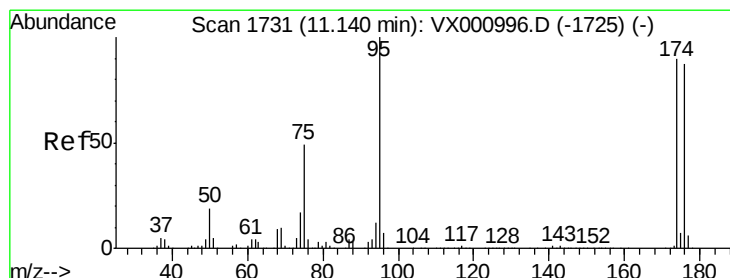
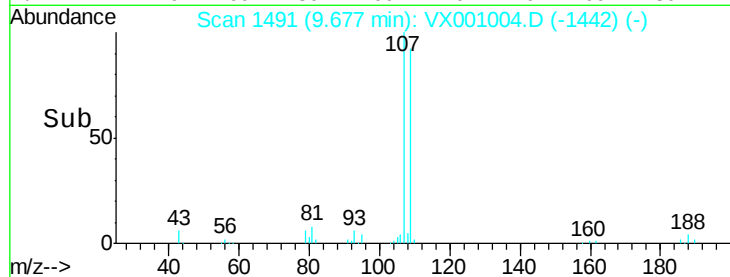
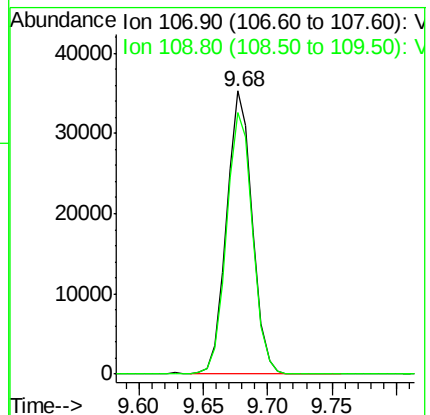
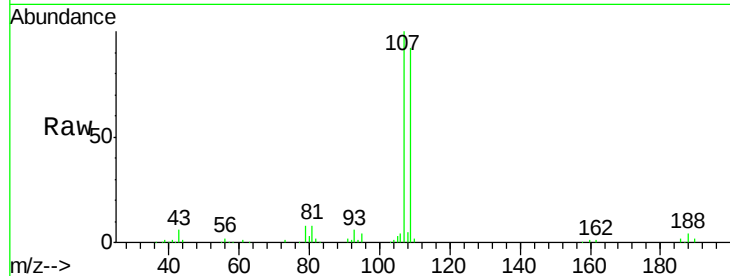
109 94.3 76.0 114.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 43.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

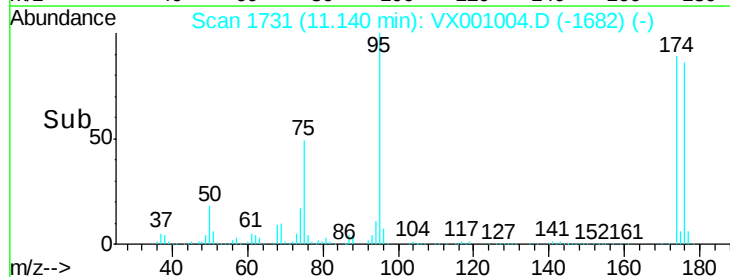
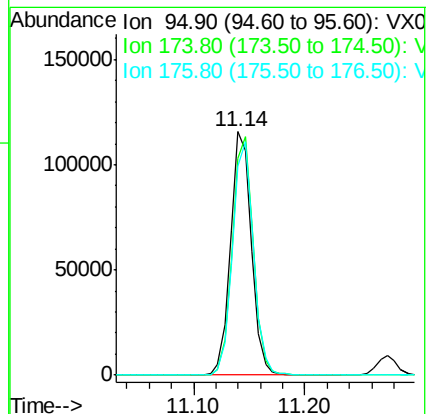
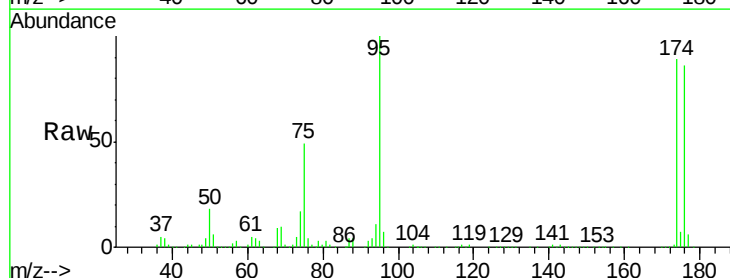
Tgt Ion: 95 Resp: 149936

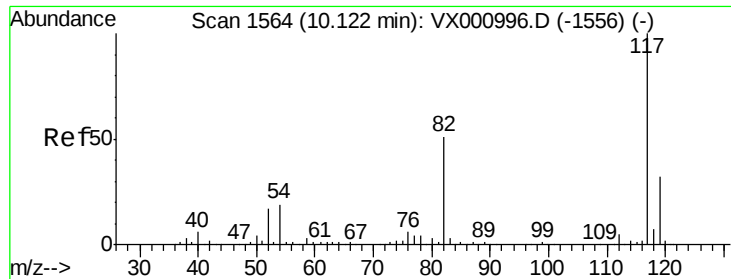
Ion Ratio Lower Upper

95 100

174 97.9 0.0 198.4

176 95.8 0.0 192.0





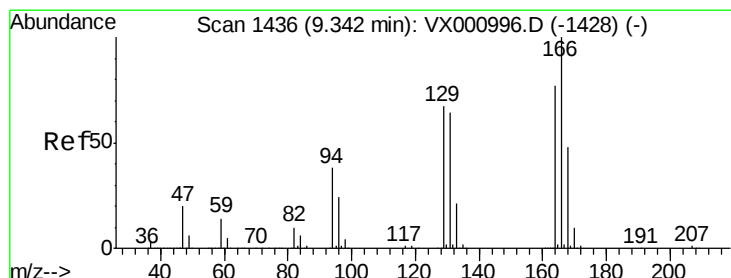
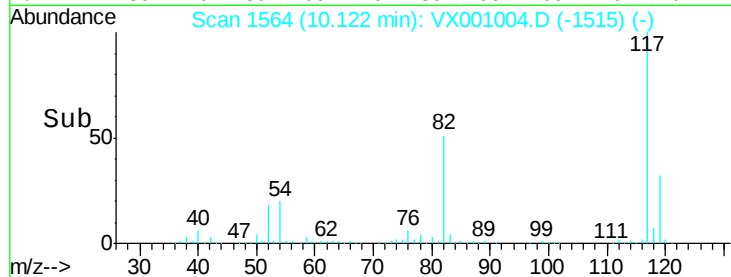
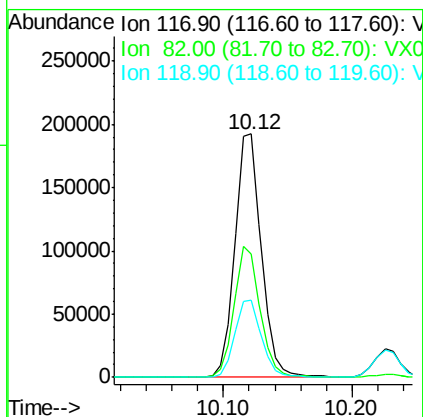
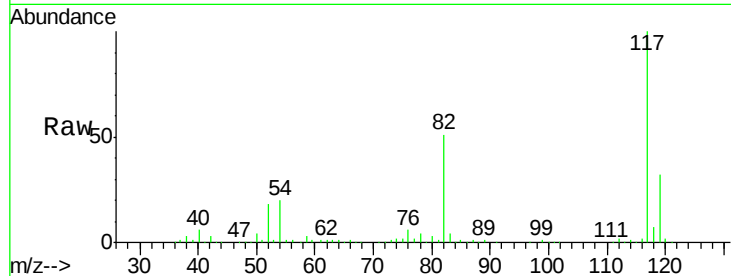
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.6	60.8
119	31.9	26.0	39.0

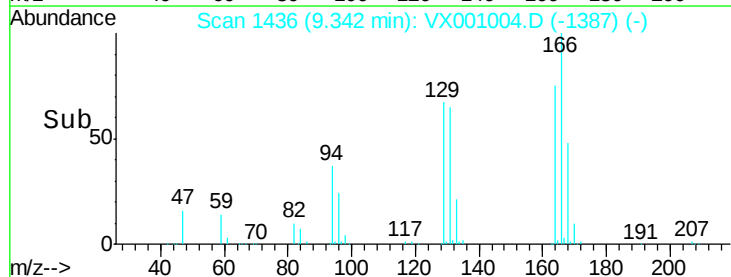
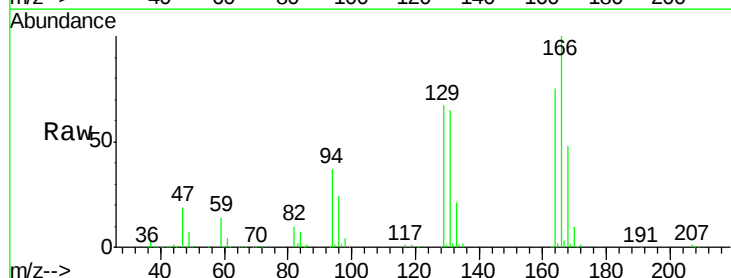
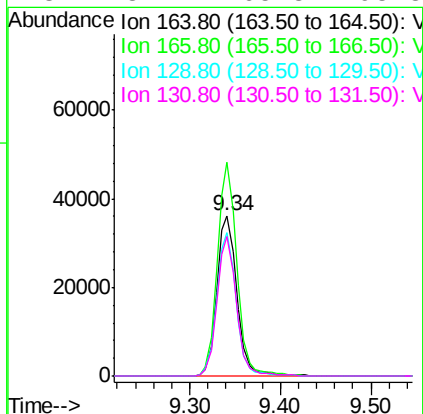
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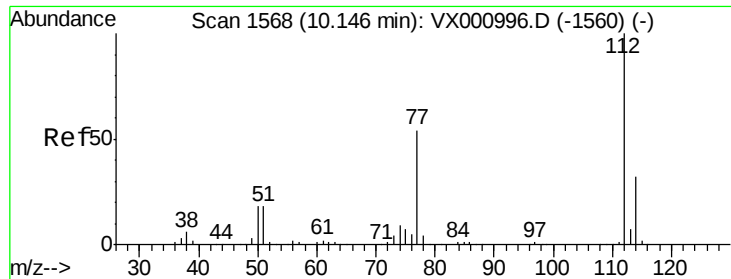
MMDadoda
4/23/2018 1:27:38 PM



#64
Tetrachloroethene
Concen: 19.14 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.3	103.5	155.3
129	89.2	69.6	104.4
131	87.1	65.8	98.8





#65

Chlorobenzene

Concen: 18.88 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion:112 Resp: 138623

Ion Ratio Lower Upper

112 100

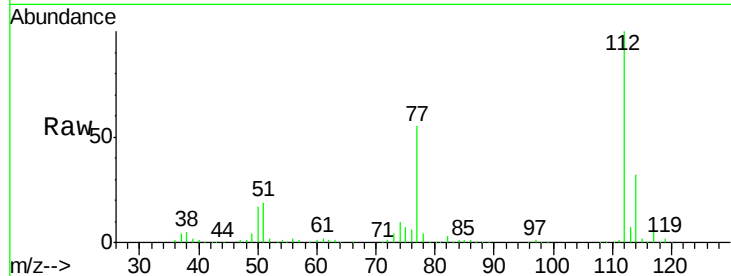
114 31.9 25.5 38.3

Manual Integrations

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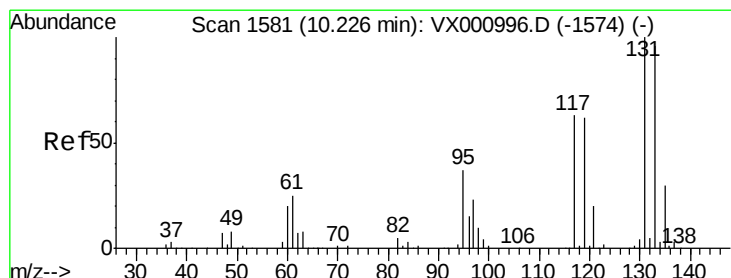
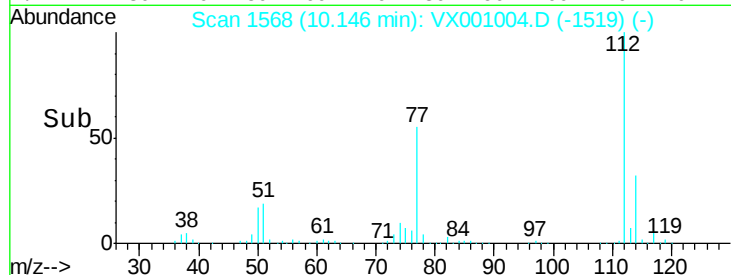
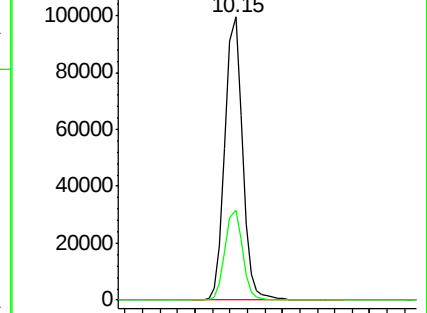
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.98 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

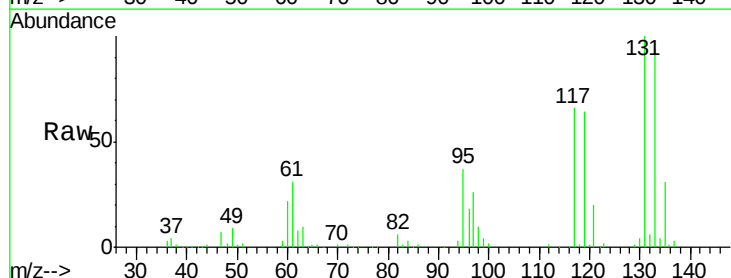
Tgt Ion:131 Resp: 47817

Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.8

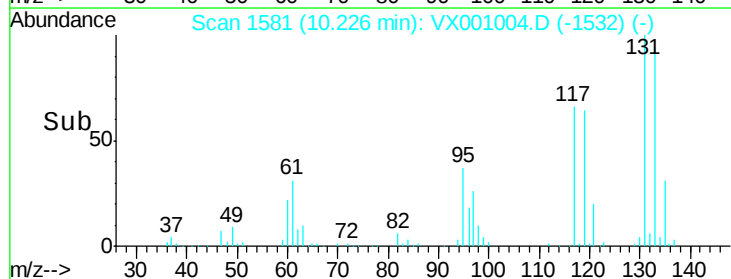
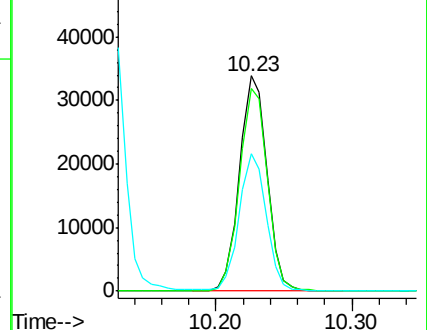
119 63.3 31.1 93.2

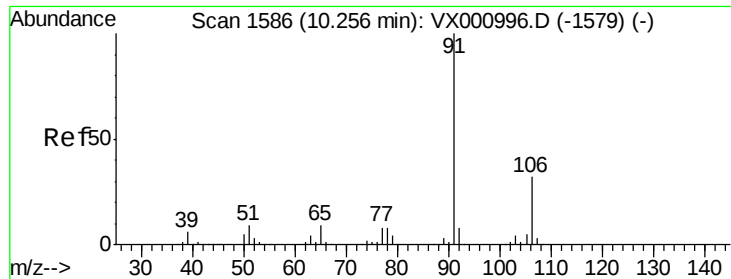


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.96 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion: 91 Resp: 231117

Ion Ratio Lower Upper

91 100

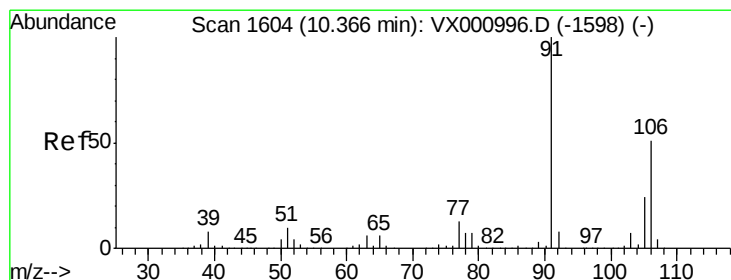
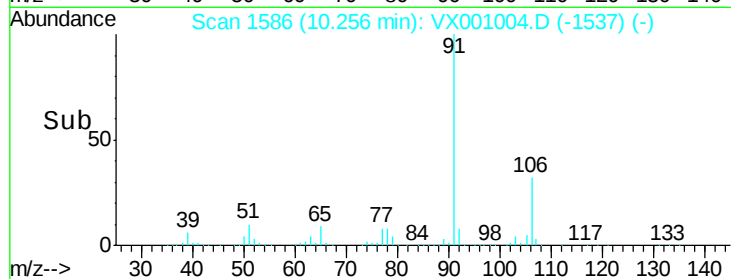
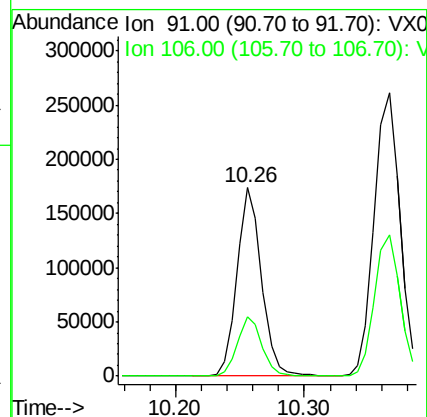
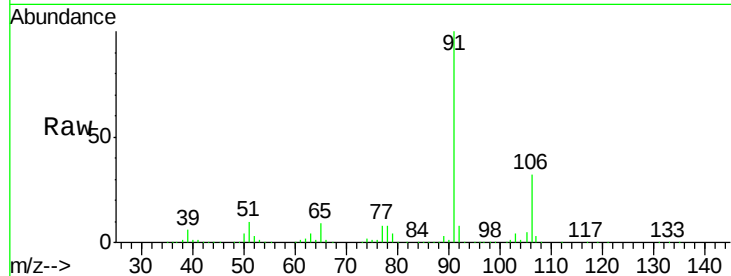
106 31.6 25.7 38.5

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#68

m/p-Xylenes

Concen: 37.74 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001004.D

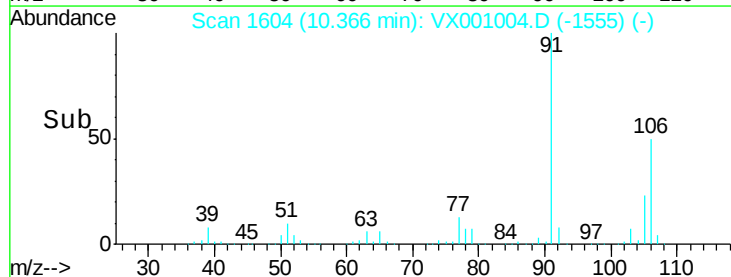
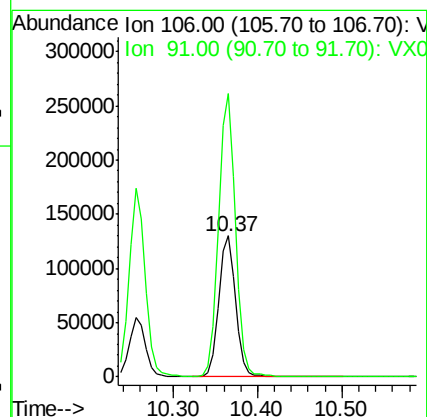
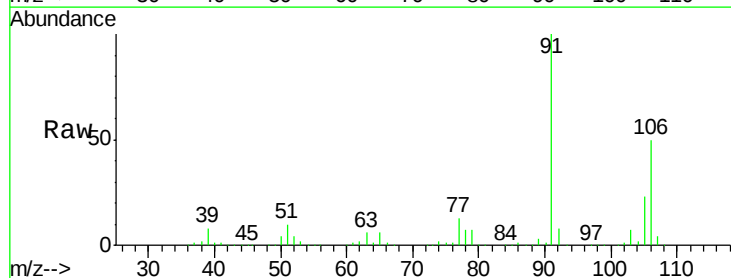
Acq: 20 Apr 2018 13:20

Tgt Ion: 106 Resp: 181313

Ion Ratio Lower Upper

106 100

91 200.2 159.3 238.9





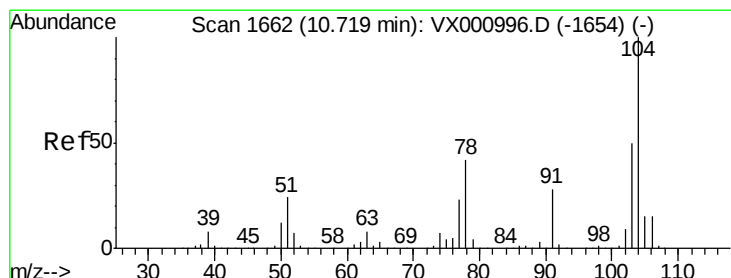
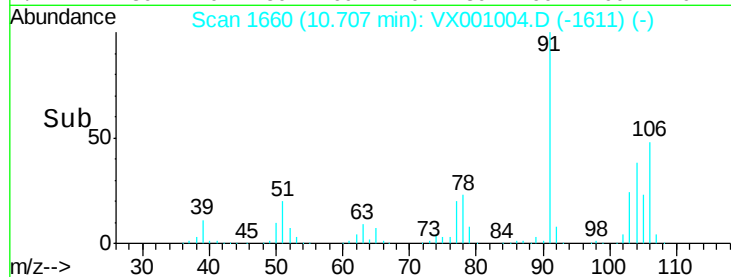
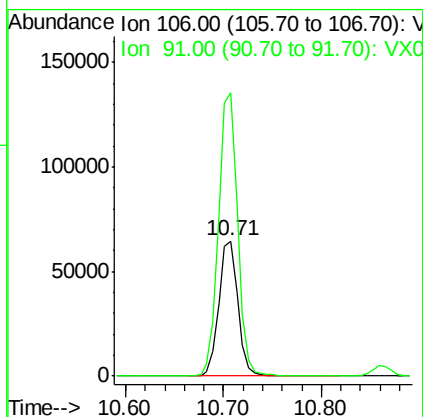
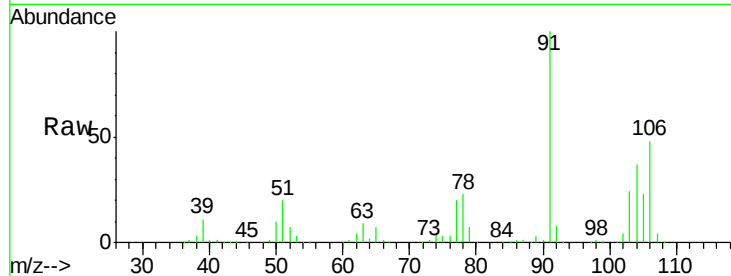
#69
o-Xylene
Concen: 18.91 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion:106 Resp: 87571
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.1

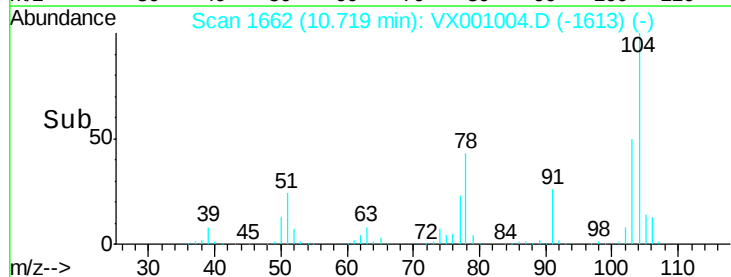
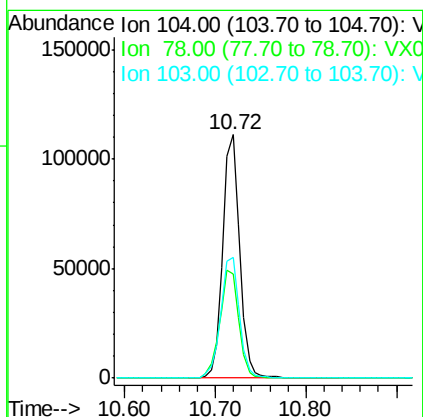
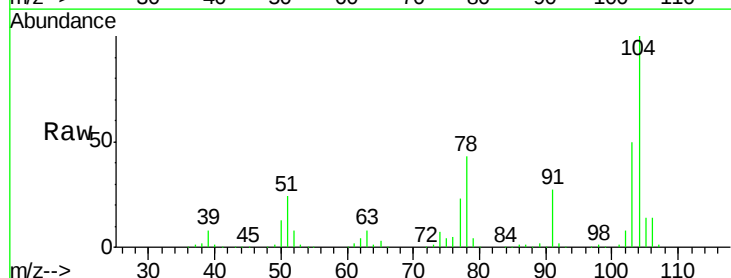
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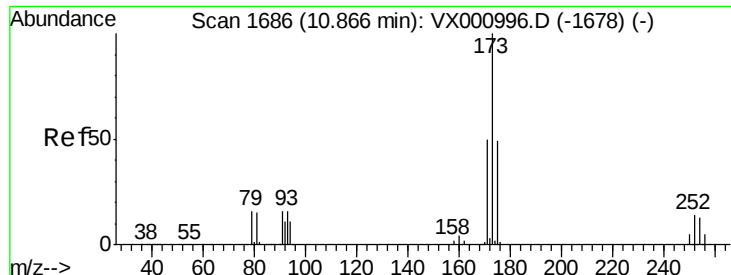
MMDadoda
4/23/2018 1:27:38 PM



#70
Styrene
Concen: 18.96 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion:104 Resp: 144654
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 55.3 44.2 66.2





#71

Bromoform

Concen: 17.91 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion:173 Resp: 37675

Ion Ratio Lower Upper

173 100

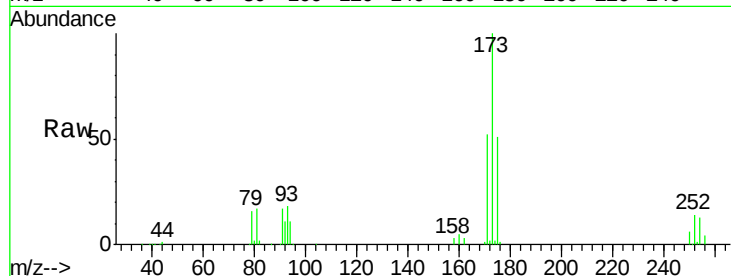
175 48.9 24.8 74.3

254 0.0 0.2 0.2#

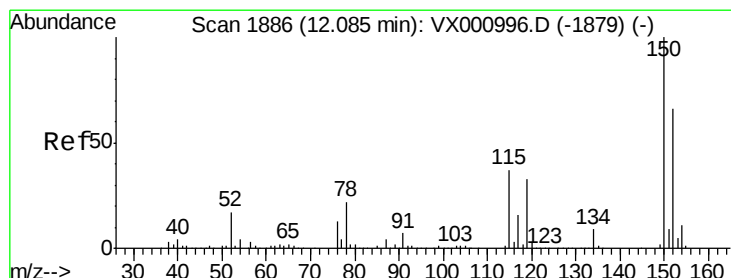
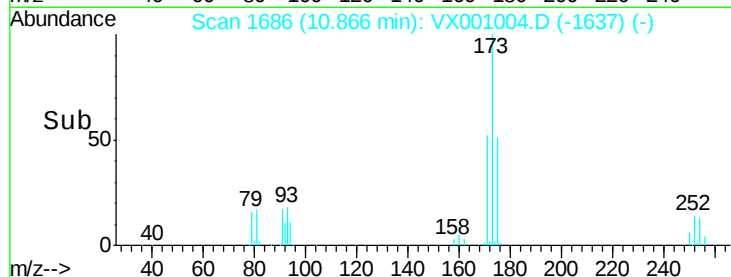
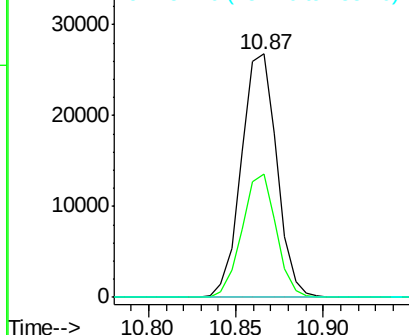
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

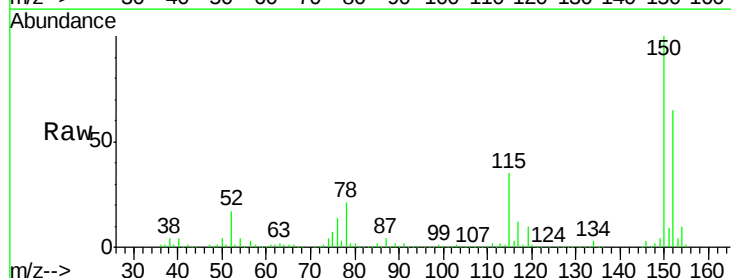
Tgt Ion:152 Resp: 190271

Ion Ratio Lower Upper

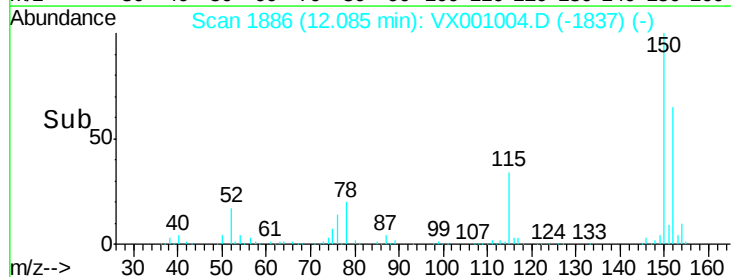
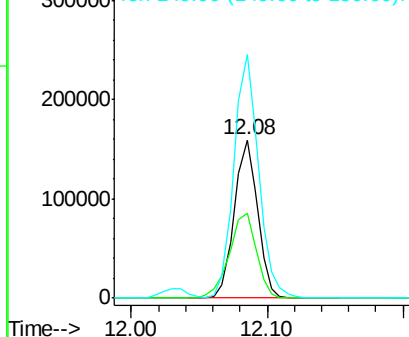
152 100

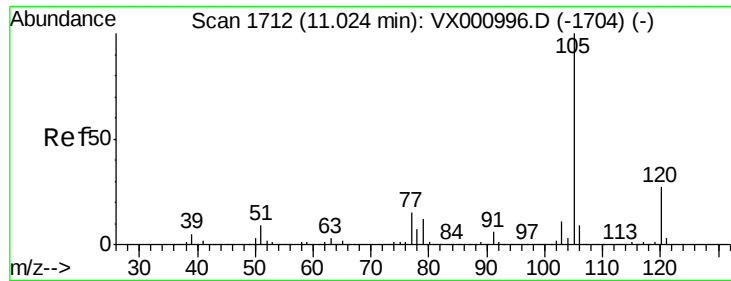
115 62.5 38.2 114.6

150 162.5 0.0 350.4



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





#73

Isopropylbenzene

Concen: 19.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion: 105 Resp: 237716

Ion Ratio Lower Upper

105 100

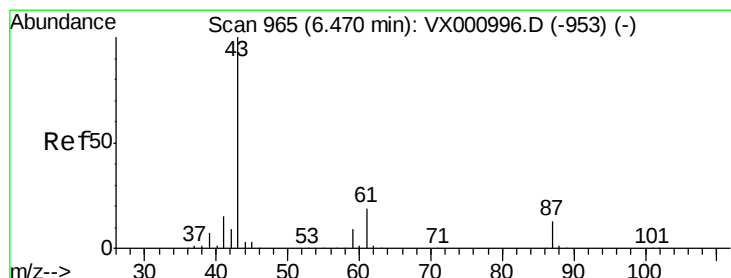
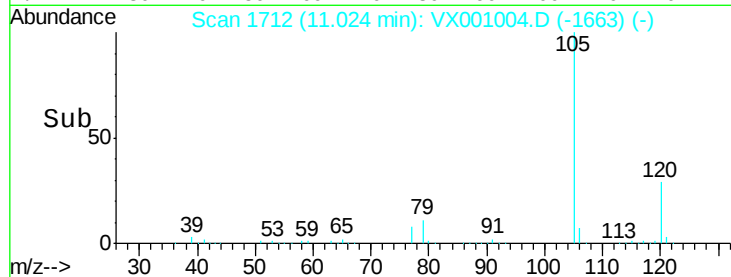
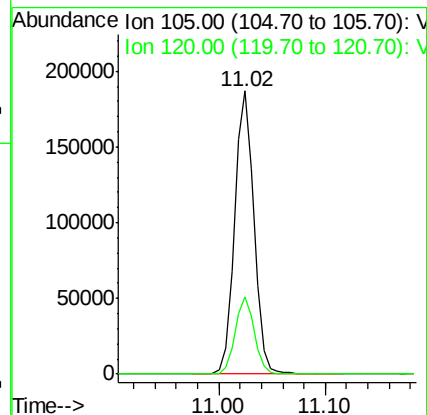
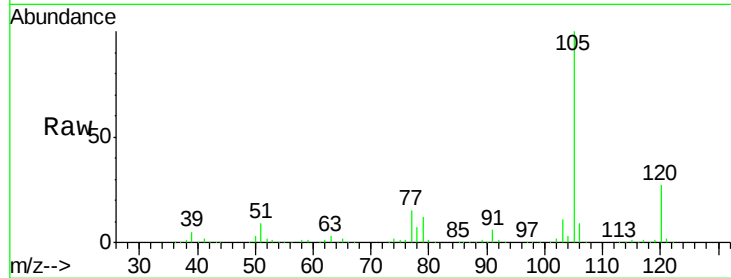
120 27.2 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.67 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Tgt Ion: 43 Resp: 99370

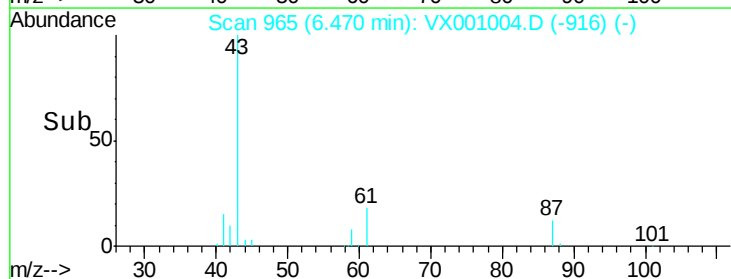
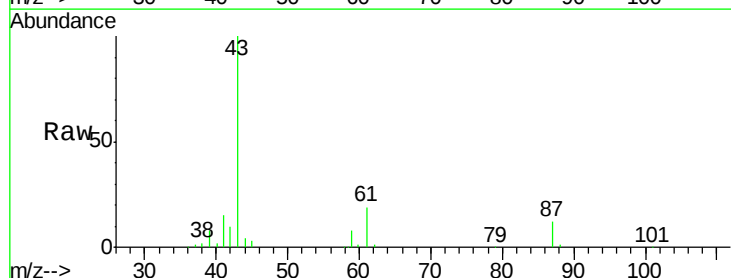
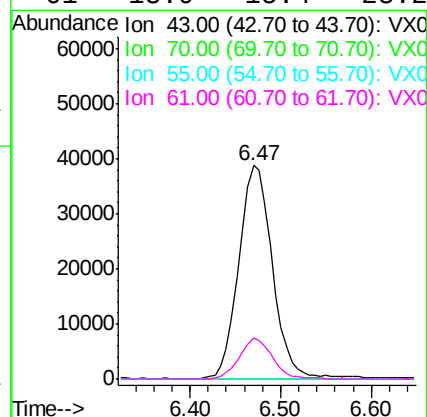
Ion Ratio Lower Upper

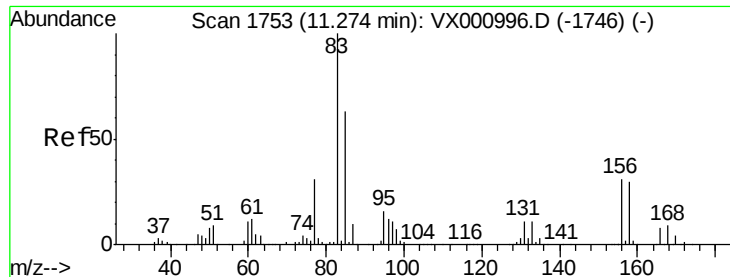
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.9 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.89 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion: 83 Resp: 66510

Ion Ratio Lower Upper

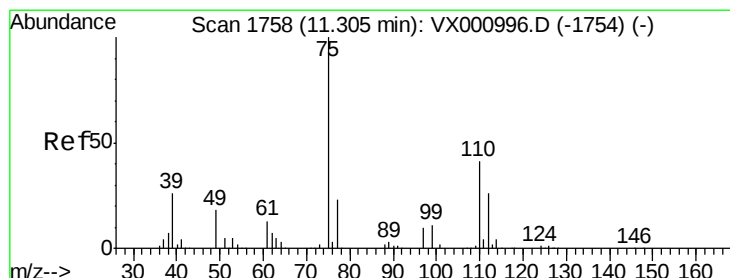
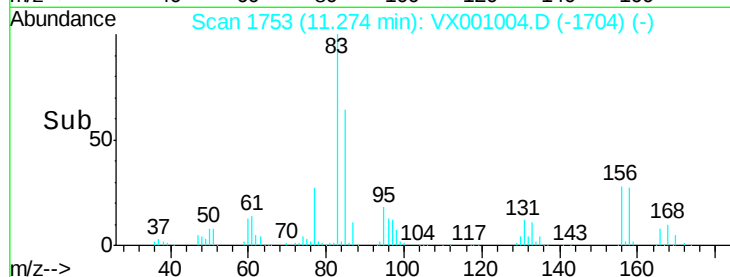
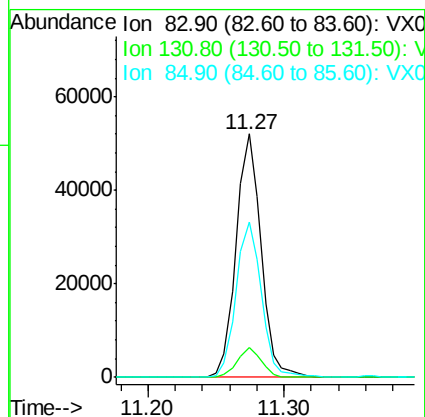
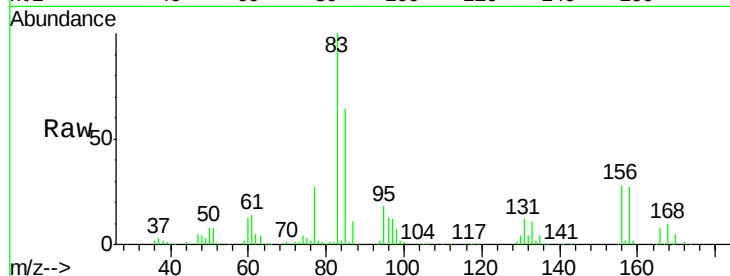
83 100

131 12.0 5.8 17.4

85 65.3 32.0 96.2

Manual Integrations
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4/23/2018 1:27:38 PM



#76

1,2,3-Trichloropropane

Concen: 19.17 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001004.D

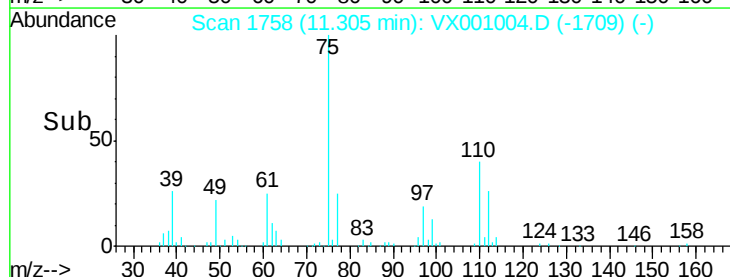
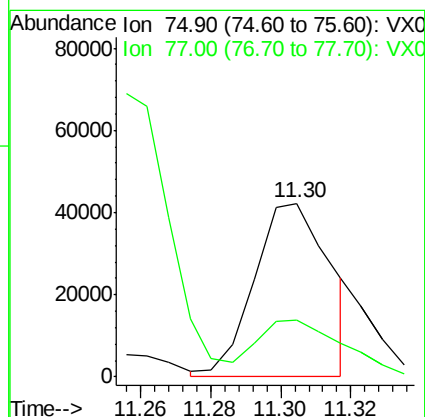
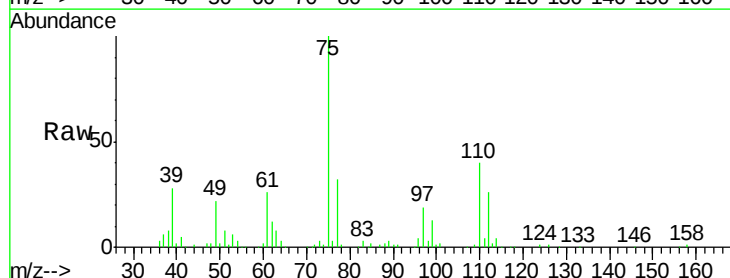
Acq: 20 Apr 2018 13:20

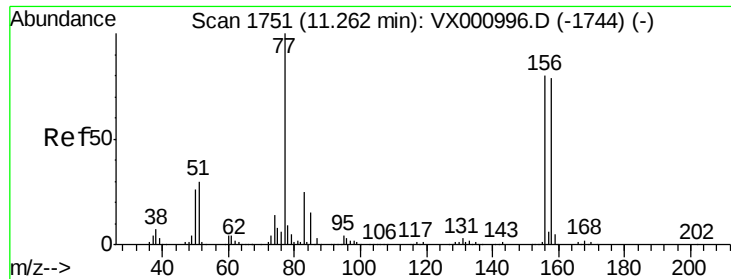
Tgt Ion: 75 Resp: 63273

Ion Ratio Lower Upper

75 100

77 37.4 19.6 58.7





#77

Bromobenzene

Concen: 18.67 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

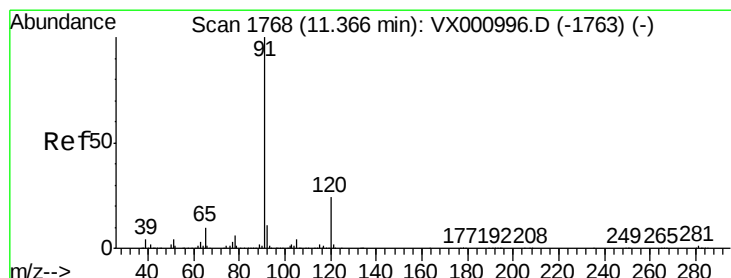
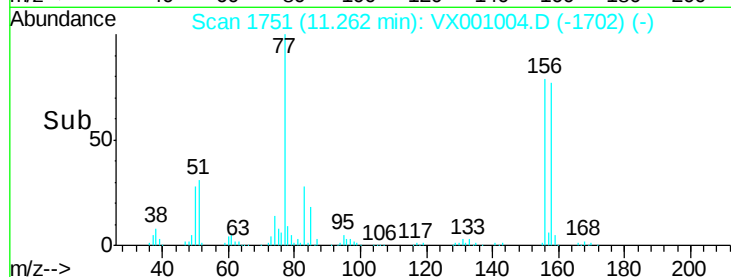
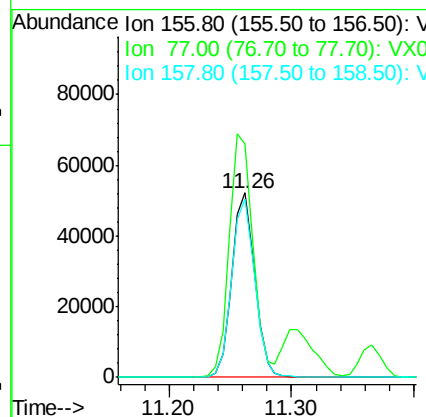
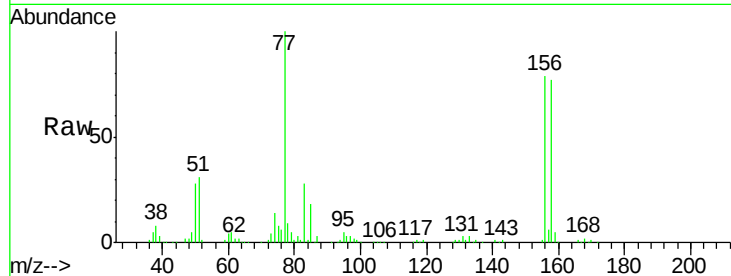
VX0420WBS01

Tgt Ion: 156 Resp: 67414

Ion	Ratio	Lower	Upper
156	100		
77	137.4	66.3	199.0
158	97.6	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.08 ug/l

RT: 11.37 min Scan# 1768

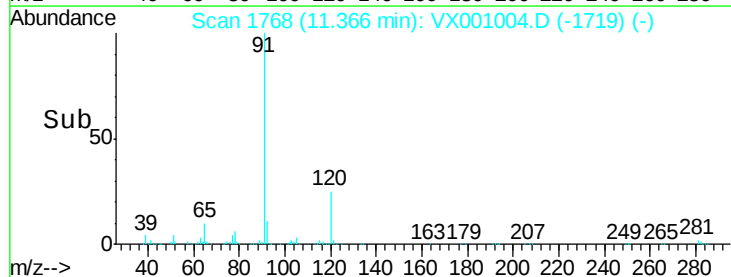
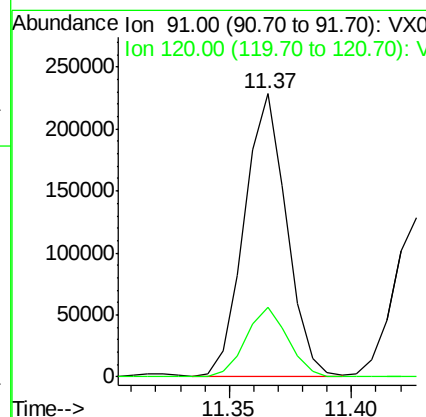
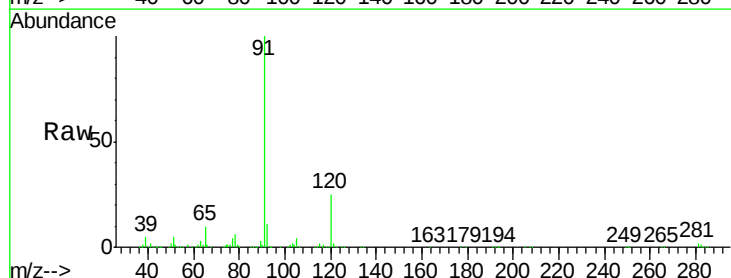
Delta R.T. 0.00 min

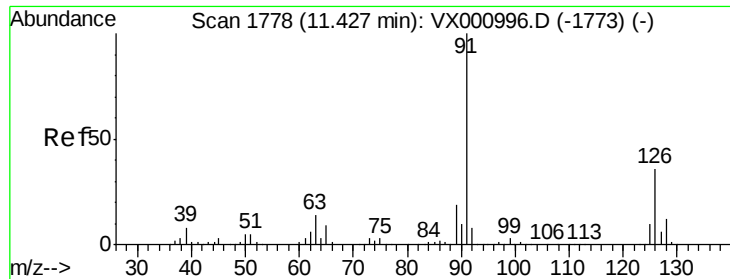
Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Tgt Ion: 91 Resp: 272426

Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.0





#79

2-Chlorotoluene

Concen: 18.82 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tgt Ion: 91 Resp: 158799

Ion Ratio Lower Upper

91 100

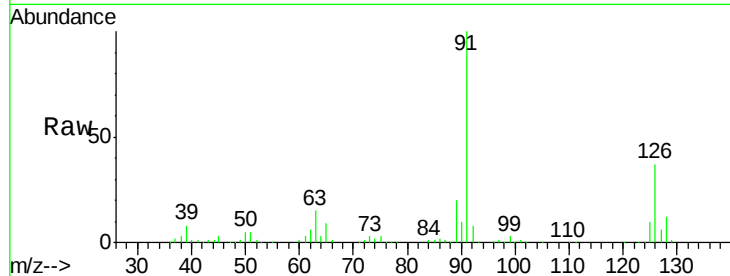
126 36.7 18.3 54.9

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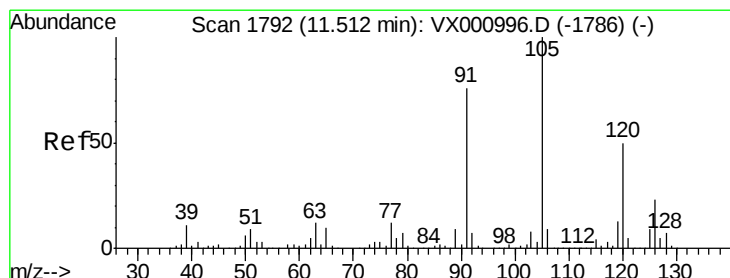
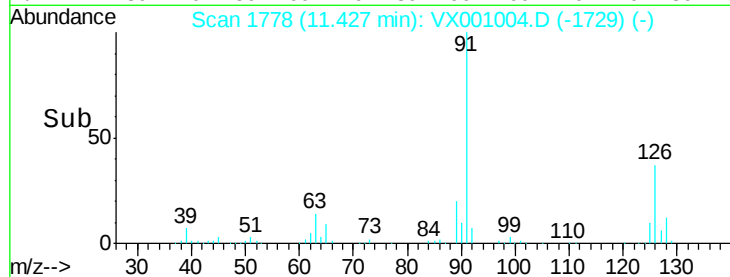
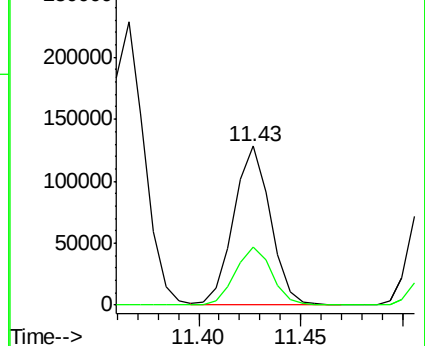
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.10 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001004.D

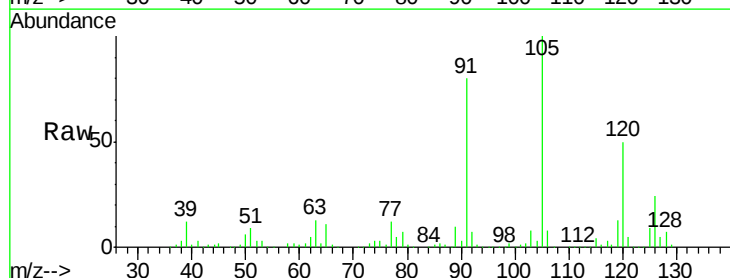
Acq: 20 Apr 2018 13:20

Tgt Ion: 105 Resp: 201349

Ion Ratio Lower Upper

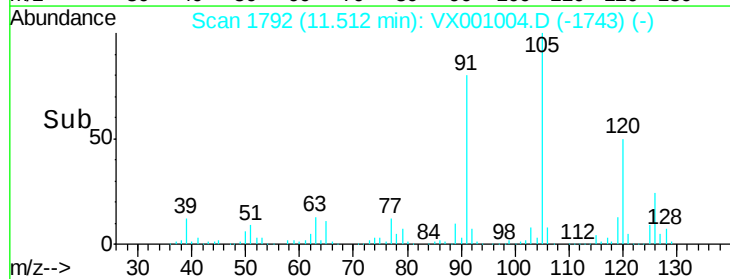
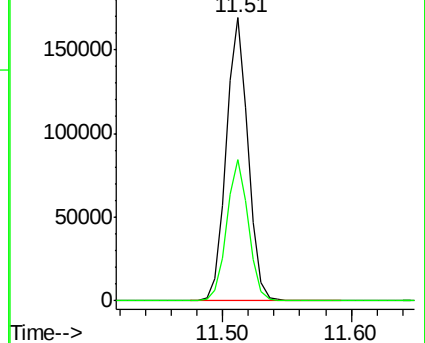
105 100

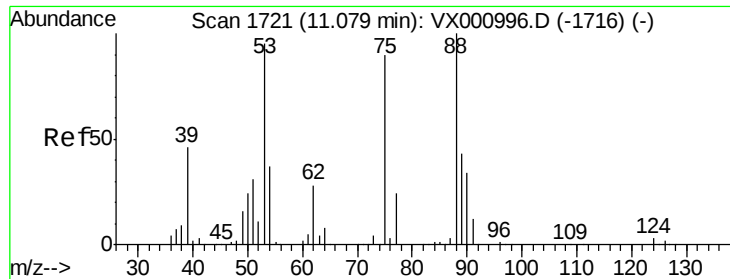
120 49.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





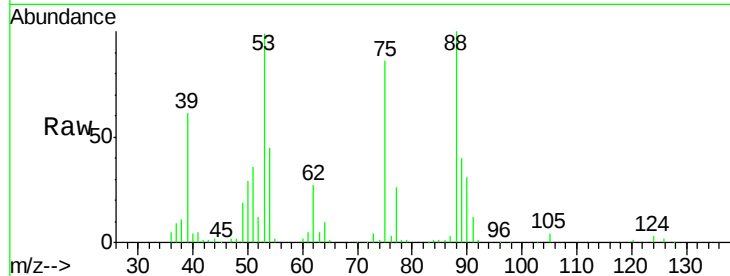
#81
trans-1,4-Dichloro-2-butene
Concen: 17.30 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

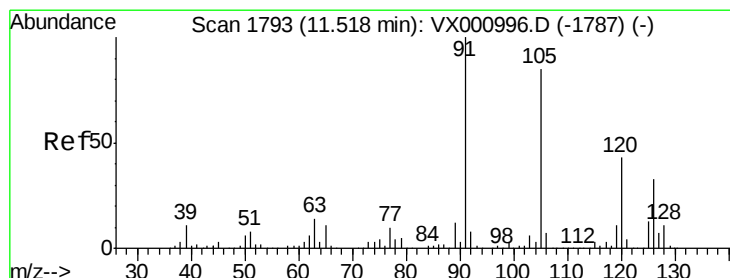
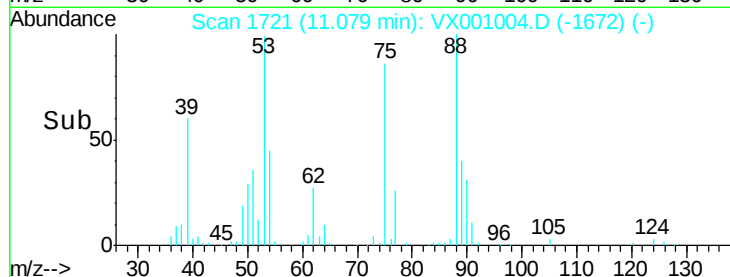
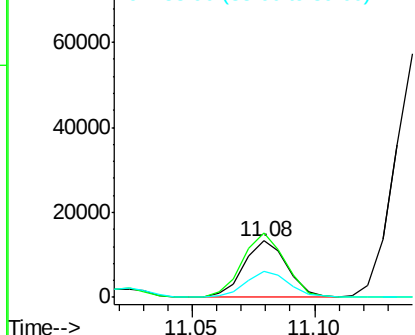
Tgt Ion	Ratio	Lower	Upper
75	100		
53	114.9	83.4	125.2
89	48.0	39.7	59.5

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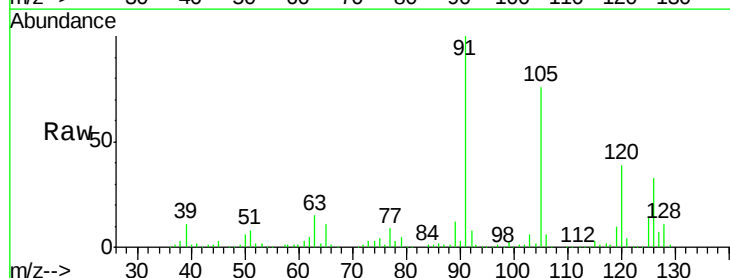


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

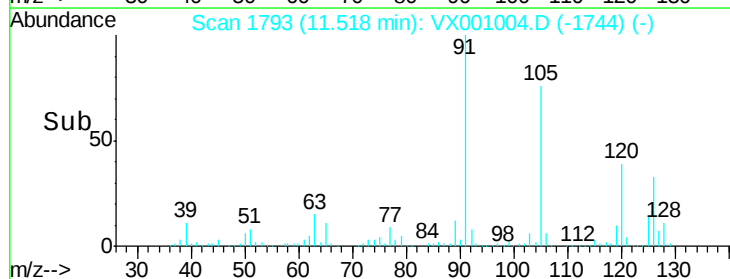
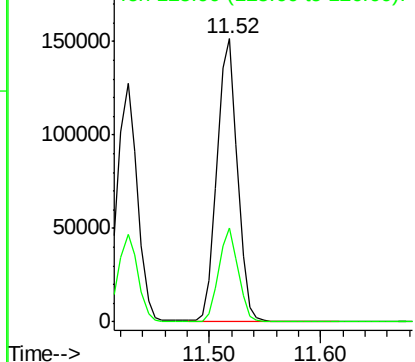


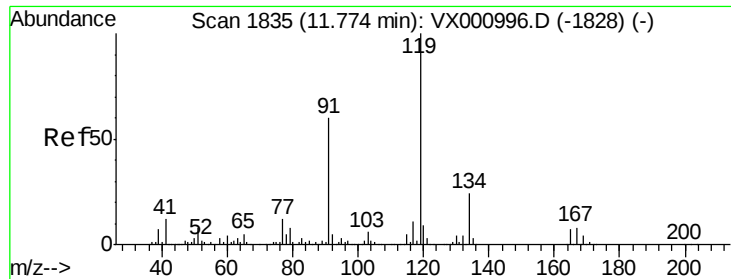
#82
4-Chlorotoluene
Concen: 18.96 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.2	48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





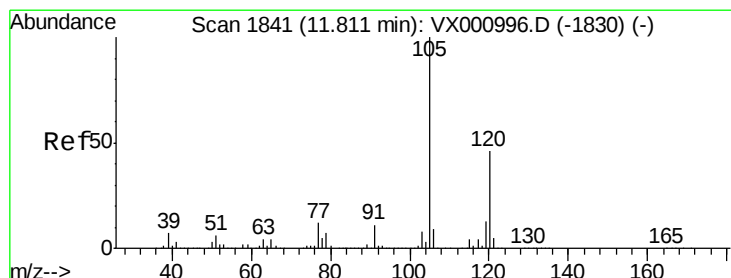
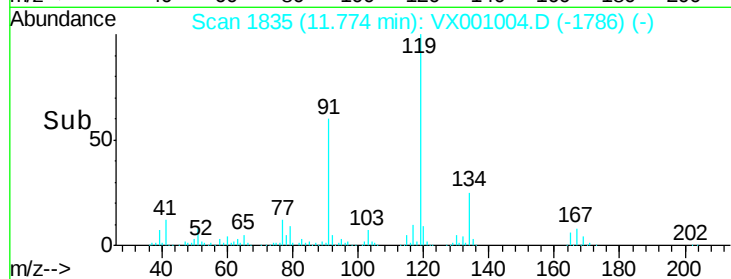
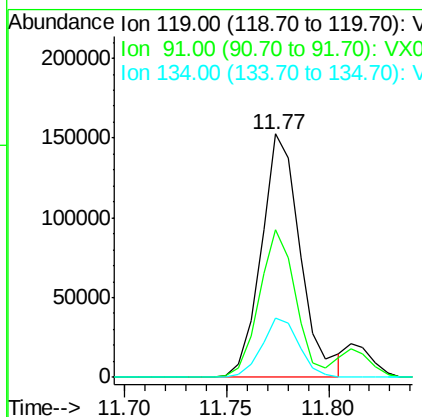
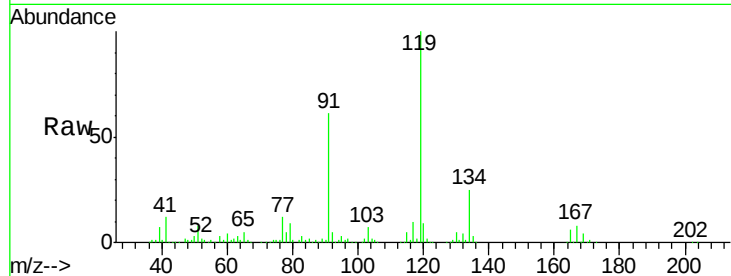
#83
 tert-Butylbenzene
 Concen: 19.11 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	203302		
91	56.5	27.0	81.0	
134	23.6	11.6	34.7	

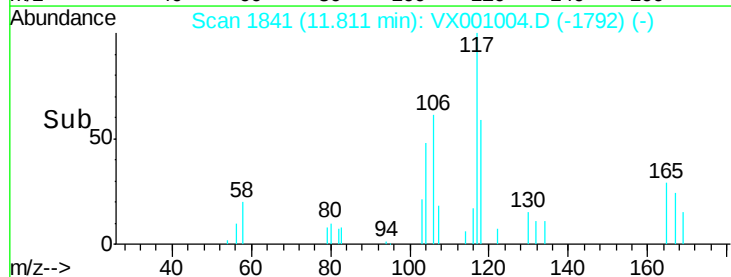
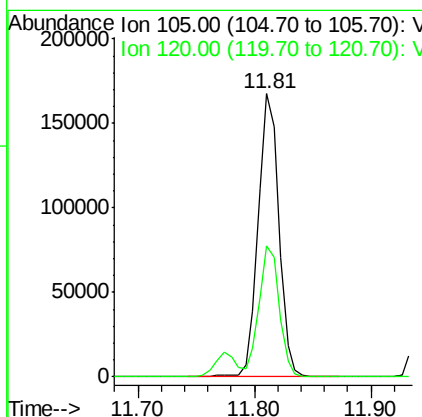
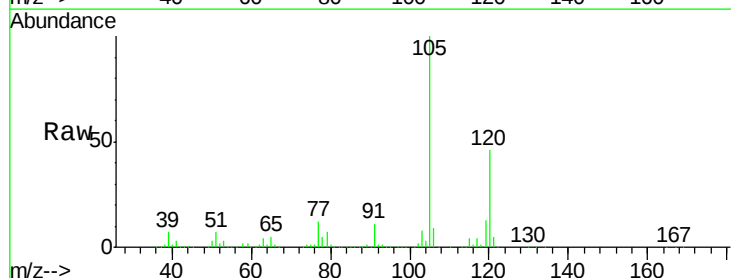
Manual Integrations
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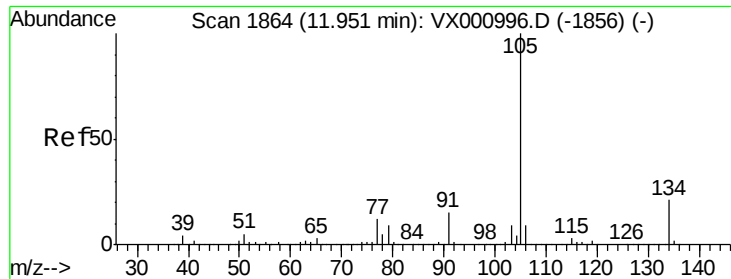
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.27 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	209144		
120	45.2	23.0	69.0	





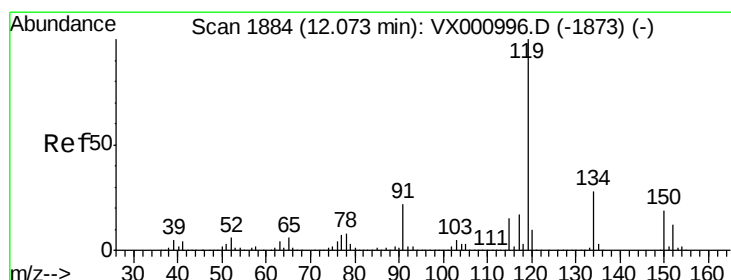
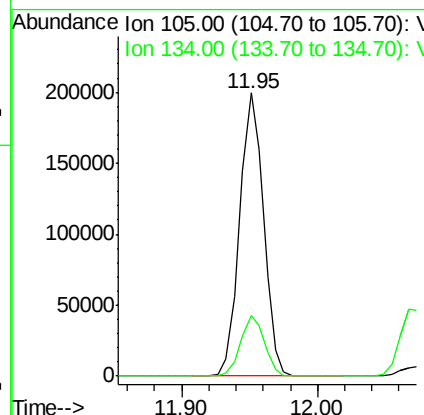
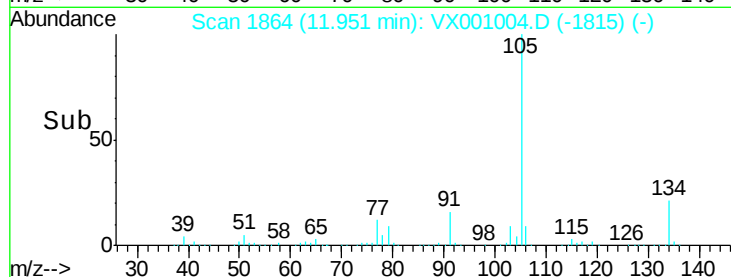
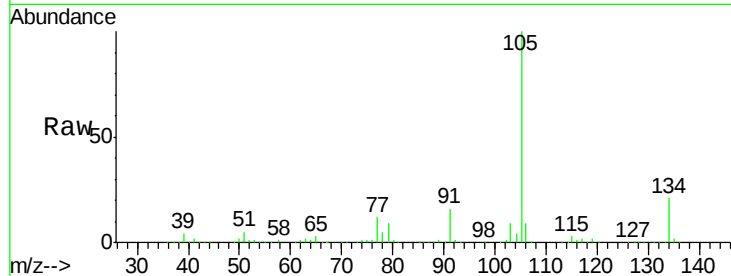
#85
 sec-Butylbenzene
 Concen: 19.23 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tgt Ion:105 Resp: 244130
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.6

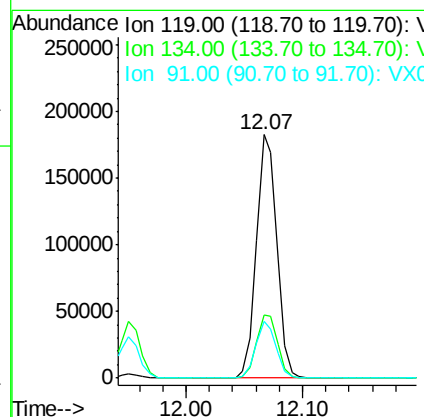
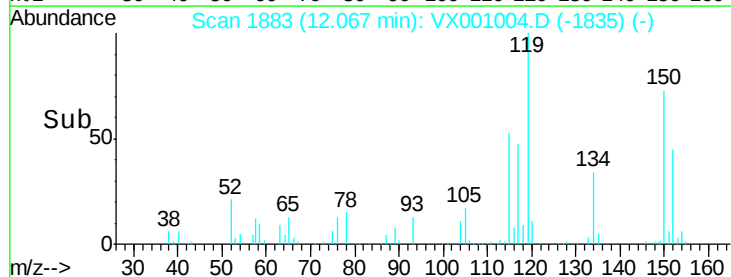
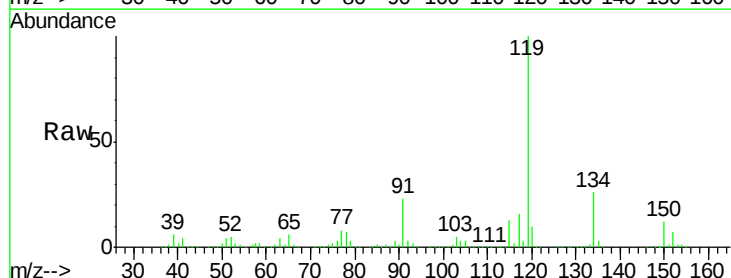
Manual Integrations
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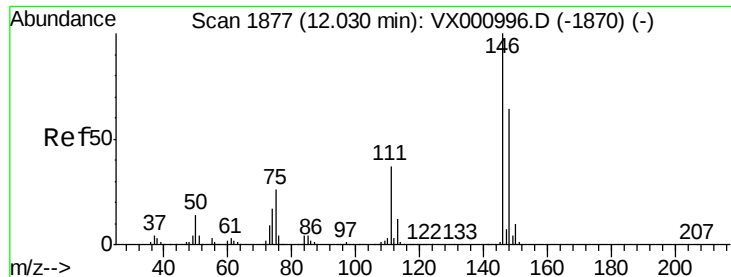
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#86
 p-Isopropyltoluene
 Concen: 19.06 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion:119 Resp: 223870
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.5
 91 23.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.53 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

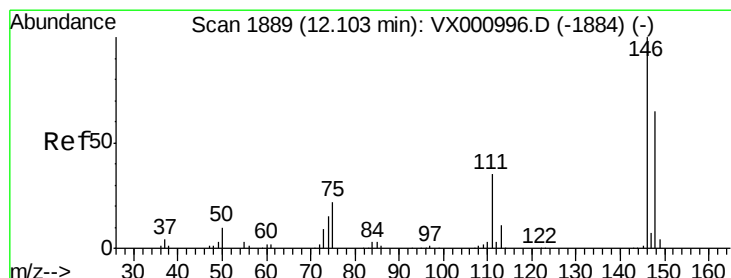
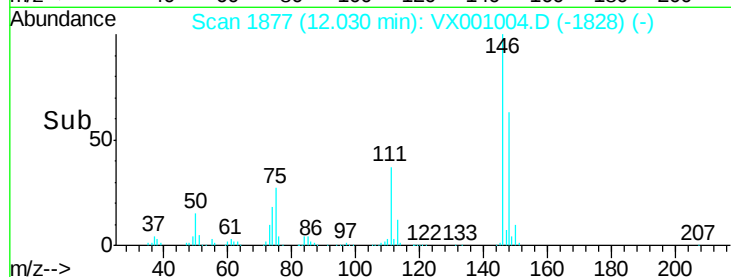
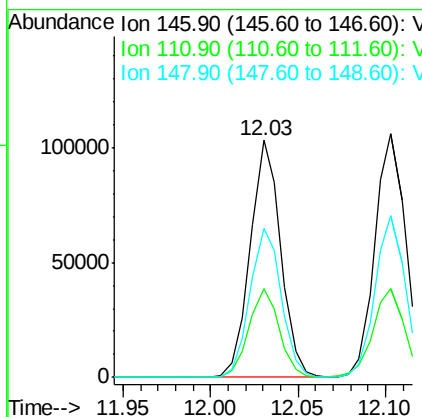
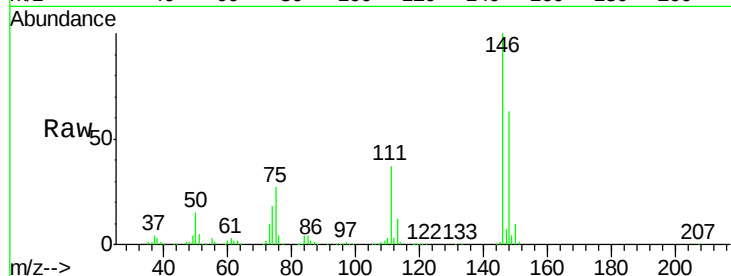
ClientSampleId :

VX0420WBS01

Tgt Ion:	146	Resp:	125280
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.3	54.8
148	64.6	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.72 ug/l

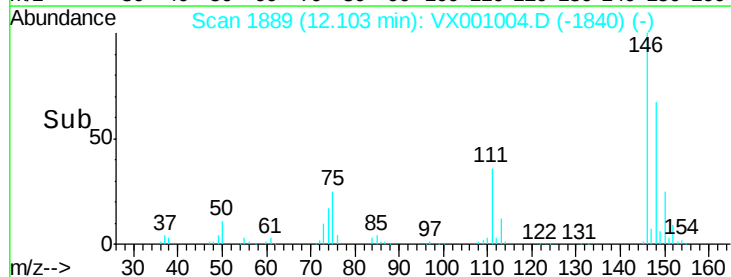
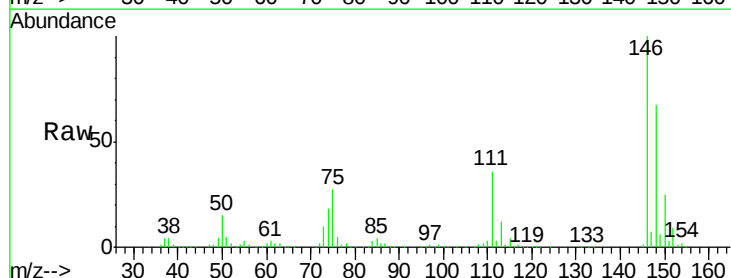
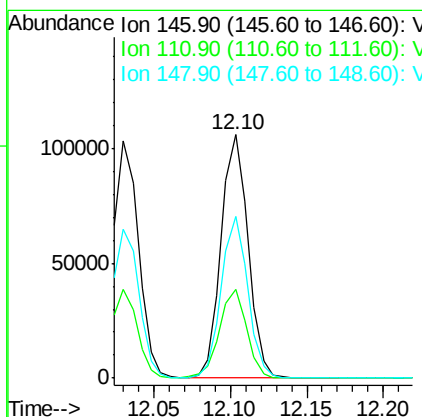
RT: 12.10 min Scan# 1889

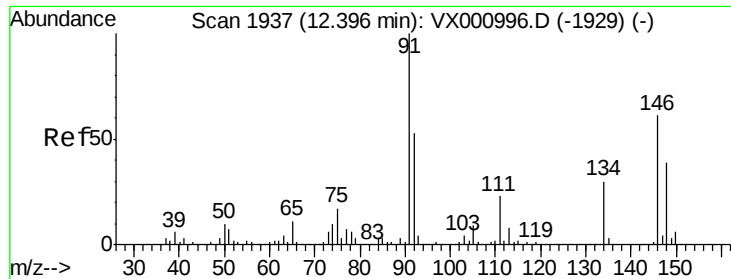
Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Tgt Ion:	146	Resp:	129854
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.0	54.0
148	65.5	32.4	97.0





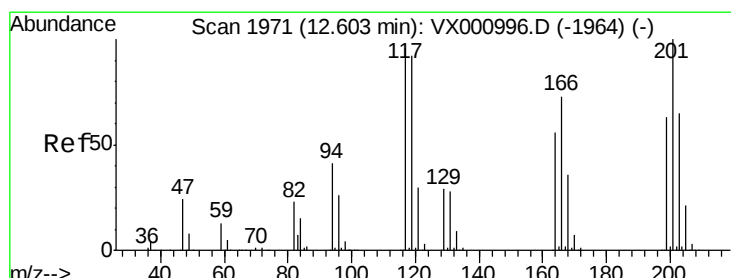
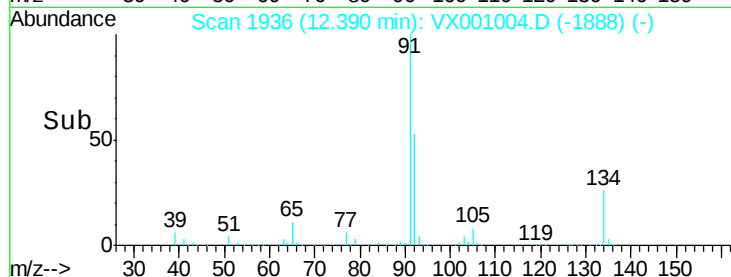
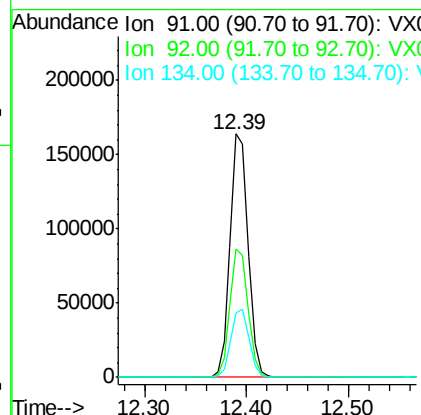
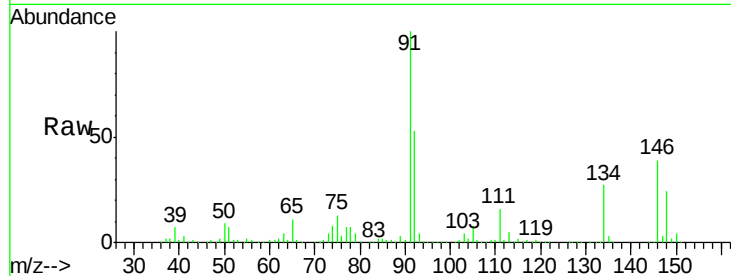
#89
n-Butylbenzene
Concen: 19.15 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.9
134	28.2	14.4	43.0

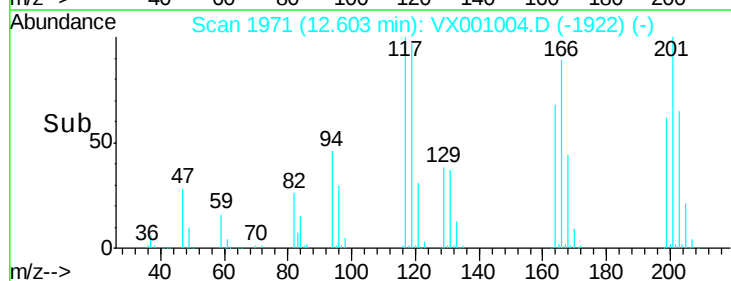
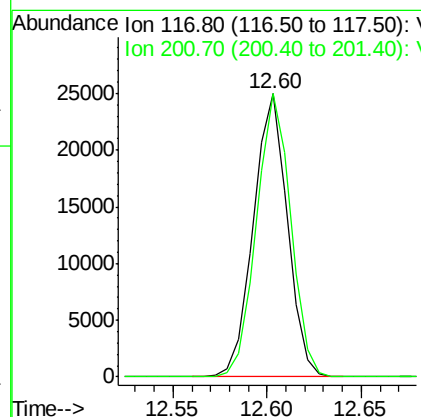
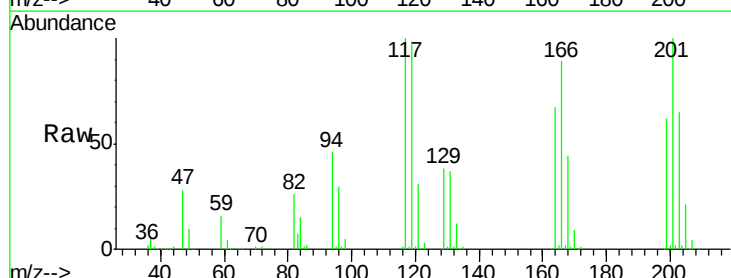
Manual Integrations
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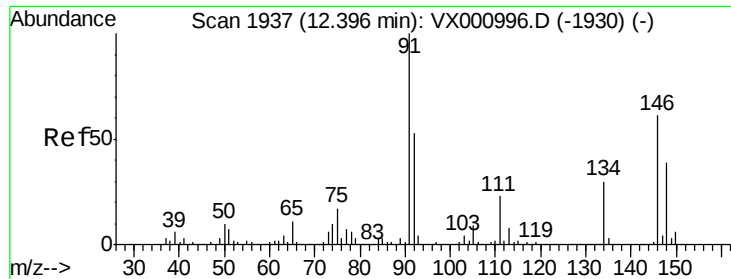
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#90
Hexachloroethane
Concen: 18.77 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.3	52.3	157.1





#91

1,2-Dichlorobenzene

Concen: 18.79 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

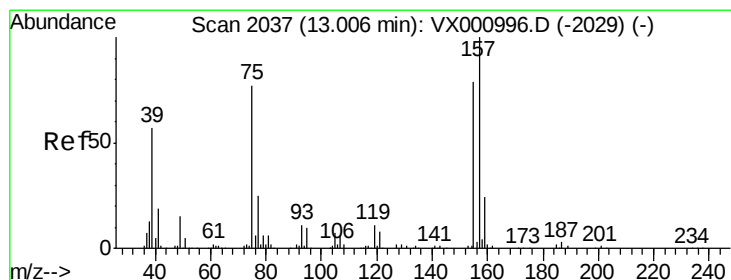
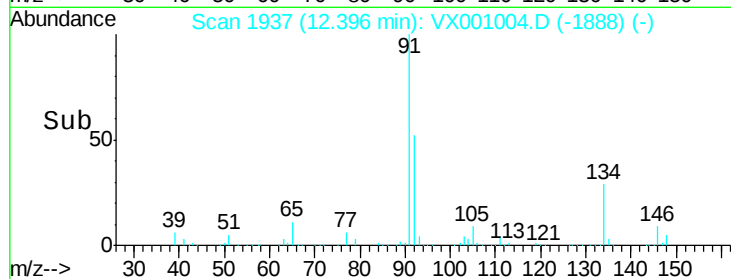
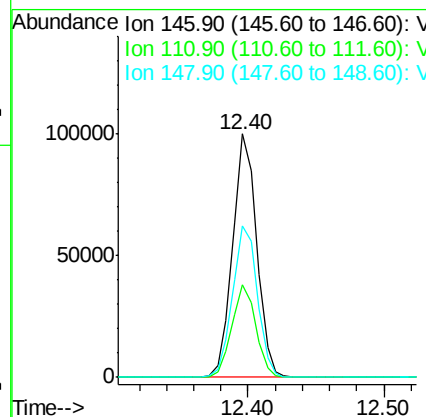
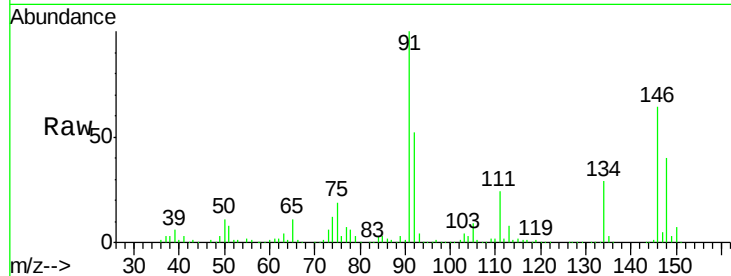
ClientSampleId :

VX0420WBS01

Tgt Ion:	146	Resp:	122959
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.6	56.0
148	64.3	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.14 ug/l

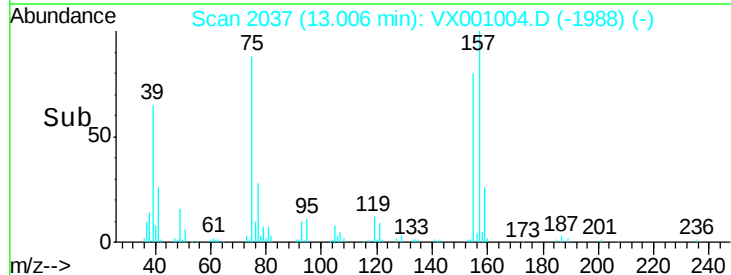
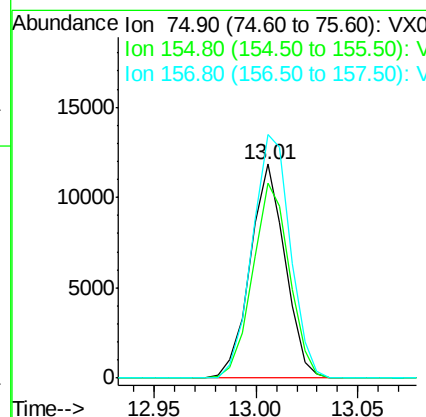
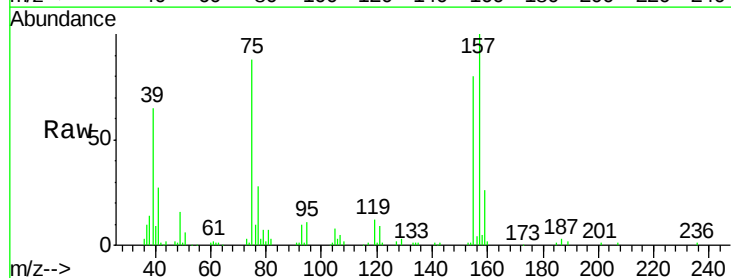
RT: 13.01 min Scan# 2037

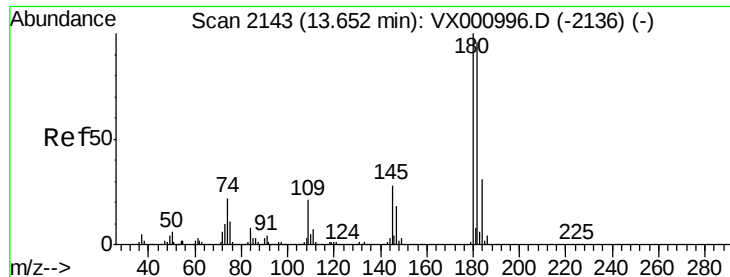
Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Tgt Ion:	75	Resp:	14117
Ion Ratio	Lower	Upper	
75	100		
155	95.7	51.0	153.0
157	123.8	64.9	194.7





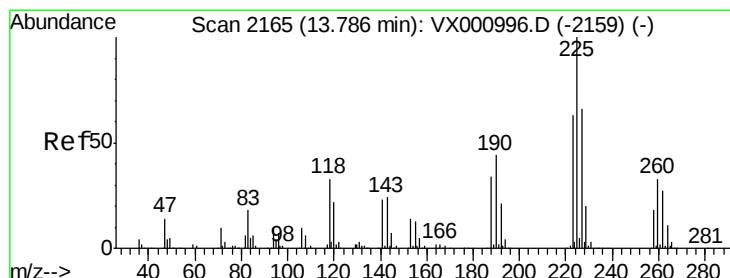
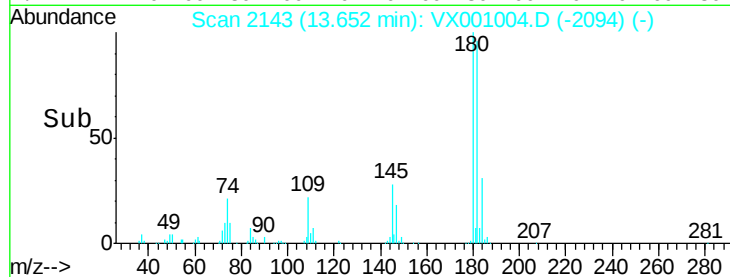
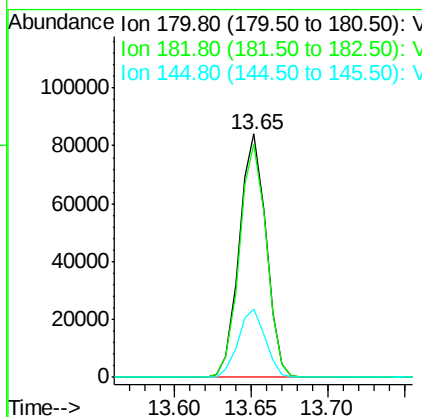
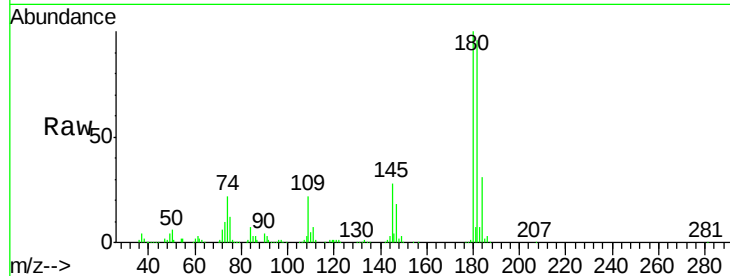
#93
 1,2,4-Trichlorobenzene
 Concen: 18.61 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	102238		
182	95.9	48.0	144.0	
145	28.2	13.9	41.7	

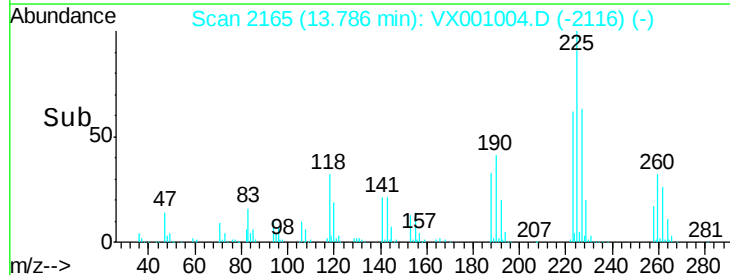
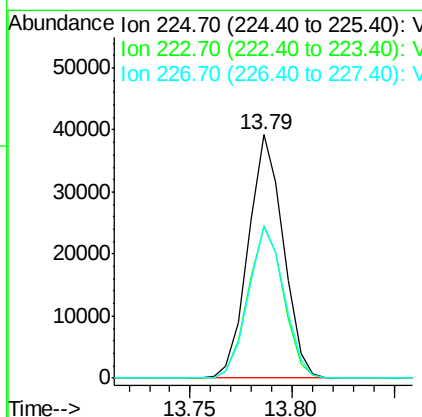
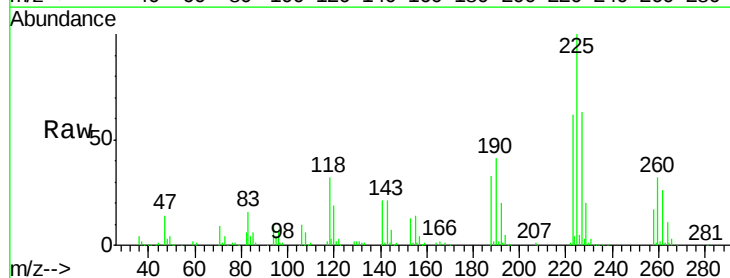
Manual Integrations
 APPROVED

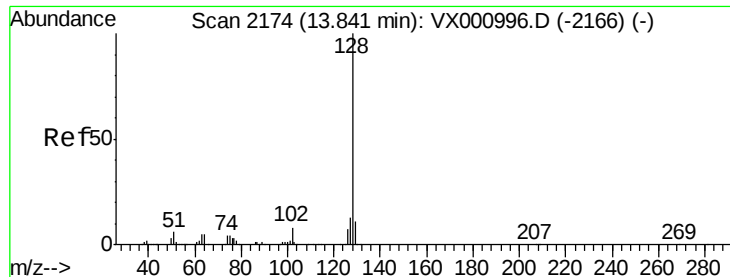
MMDadoda
 4/23/2018 1:27:38 PM



#94
 Hexachlorobutadiene
 Concen: 18.83 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46803		
223	62.8	31.5	94.5	
227	63.6	32.6	97.8	





#95

Naphthalene

Concen: 19.10 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

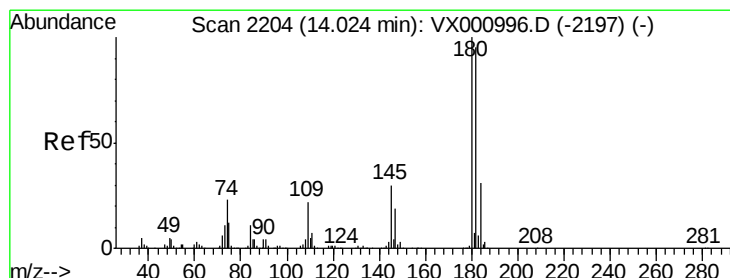
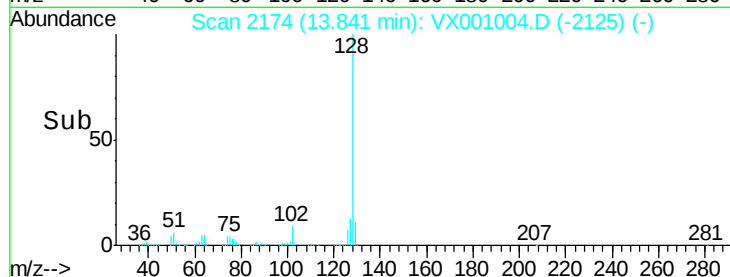
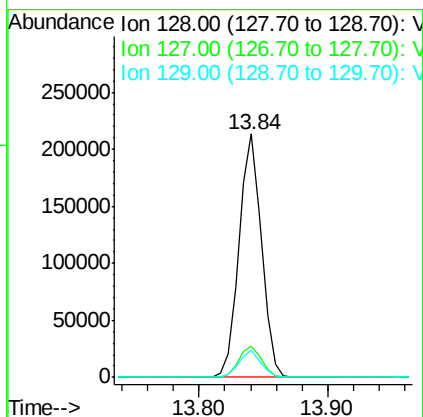
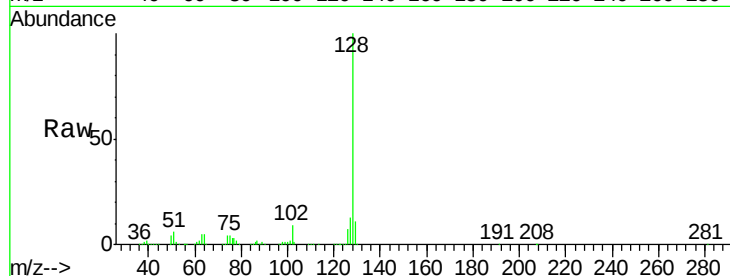
ClientSampleId :

VX0420WBS01

Tgt Ion:	128	Resp:	258009
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:38 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.72 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Tgt Ion:	180	Resp:	99453
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.9	143.7
145	29.1	14.5	43.6

