

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008877.D
 Acq On : 12 Apr 2019 11:37
 Operator : JC/SP
 Sample : VX0412WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:11:26 PM

Quant Time: Apr 13 05:16:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107021	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107968	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
35) Dibromofluoromethane	5.49	113	80088	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	8.71	98	322944	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	117380	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41804	22.973	ug/l	100
3) Chloromethane	1.32	50	51977	22.373	ug/l	98
4) Vinyl Chloride	1.41	62	46775	19.015	ug/l	98
5) Bromomethane	1.64	94	27477	23.705	ug/l	100
6) Chloroethane	1.72	64	27813	18.814	ug/l	99
7) Trichlorofluoromethane	1.93	101	51754	19.032	ug/l	98
8) Diethyl Ether	2.19	74	23804	18.459	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32830	18.752	ug/l	97
10) Methyl Iodide	2.51	142	35012	24.203	ug/l	100
11) Tert butyl alcohol	3.04	59	54607	101.158	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34217	18.722	ug/l	99
13) Acrolein	2.29	56	25180	94.070	ug/l	98
14) Allyl chloride	2.73	41	79796	19.072	ug/l	99
15) Acrylonitrile	3.14	53	135873	95.011	ug/l	100
16) Acetone	2.44	43	121163	91.231	ug/l	99
17) Carbon Disulfide	2.57	76	100034	18.488	ug/l	98
18) Methyl Acetate	2.78	43	59668	18.525	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	126461	19.375	ug/l	98
20) Methylene Chloride	2.86	84	41224	18.544	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	36068	18.245	ug/l	94
22) Diisopropyl ether	3.85	45	156192	19.369	ug/l	90
23) Vinyl Acetate	3.81	43	691198	98.527	ug/l	99
24) 1,1-Dichloroethane	3.70	63	76066	19.051	ug/l	99
25) 2-Butanone	4.68	43	201519	96.004	ug/l	100
26) 2,2-Dichloropropane	4.59	77	54206	19.276	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	41951	18.457	ug/l	99
28) Bromochloromethane	5.01	49	38093	21.090	ug/l	100
29) Tetrahydrofuran	5.13	42	133655	95.933	ug/l	99
30) Chloroform	5.21	83	67201	18.844	ug/l	99
31) Cyclohexane	5.58	56	74929	18.808	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	55301	19.190	ug/l	99
36) 1,1-Dichloropropene	5.80	75	51981	18.502	ug/l	98
37) Ethyl Acetate	4.83	43	75085	20.022	ug/l	98
38) Carbon Tetrachloride	5.78	117	44733	19.237	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66099	19.045	ug/l	96
40) Benzene	6.15	78	163200	19.499	ug/l	100
41) Methacrylonitrile	5.04	41	42204	19.579	ug/l	99
42) 1,2-Dichloroethane	6.20	62	58179	19.389	ug/l	100
43) Isopropyl Acetate	6.45	43	116836	19.889	ug/l	100
44) Trichloroethene	7.21	130	37537	19.256	ug/l	100
45) 1,2-Dichloropropane	7.51	63	46270	19.368	ug/l	97
46) Dibromomethane	7.66	93	25841	18.650	ug/l	99
47) Bromodichloromethane	7.90	83	50950	19.503	ug/l	99
48) Methyl methacrylate	7.77	41	59943	20.172	ug/l	98
49) 1,4-Dioxane	7.74	88	22911	411.570	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	391906	103.633	ug/l	100
52) Toluene	8.78	92	99092	20.082	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58161	19.875	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	64153	19.185	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	38395	19.384	ug/l	99
56) Ethyl methacrylate	9.18	69	72252	20.161	ug/l	100
57) 1,3-Dichloropropane	9.37	76	69020	19.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	174462	95.337	ug/l	99
59) 2-Hexanone	9.49	43	306378	104.249	ug/l	100
60) Dibromochloromethane	9.58	129	36194	19.392	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39699	19.253	ug/l	99
64) Tetrachloroethene	9.34	164	35308	21.065	ug/l	99
65) Chlorobenzene	10.14	112	98967	19.735	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	35089	19.945	ug/l	99
67) Ethyl Benzene	10.25	91	186807	19.977	ug/l	99
68) m/p-Xylenes	10.36	106	134947	40.137	ug/l	99
69) o-Xylene	10.70	106	65487	20.098	ug/l	99
70) Styrene	10.71	104	113960	20.290	ug/l	99
71) Bromoform	10.85	173	26955	20.061	ug/l #	99
73) Isopropylbenzene	11.02	105	175480	19.785	ug/l	99
74) N-amyl acetate	10.90	43	104417	20.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	64523	19.129	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	56091m	19.079	ug/l	
77) Bromobenzene	11.26	156	42699	20.026	ug/l	96
78) n-propylbenzene	11.36	91	200924	19.456	ug/l	99
79) 2-Chlorotoluene	11.42	91	121488	19.440	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	146148	19.631	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20382	19.110	ug/l	92
82) 4-Chlorotoluene	11.51	91	137557	19.016	ug/l	99
83) tert-Butylbenzene	11.77	119	139039	19.412	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	149692	19.857	ug/l	100
85) sec-Butylbenzene	11.94	105	167355	19.671	ug/l	99
86) p-Isopropyltoluene	12.06	119	153388	20.087	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75372	19.746	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	73470	19.008	ug/l	99
89) n-Butylbenzene	12.38	91	138687	19.366	ug/l	99
90) Hexachloroethane	12.60	117	23597	18.631	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	74753	19.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14315	19.292	ug/l	100

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MSVOA_X
ClientSampleId :
VX0412WBS01

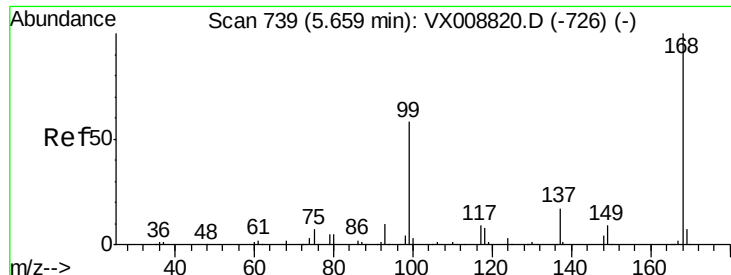
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52670	19.988	ug/l	99
94) Hexachlorobutadiene	13.78	225	26505	20.974	ug/l	99
95) Naphthalene	13.83	128	173233	19.670	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52209	19.831	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion:168 Resp: 158089

Ion Ratio Lower Upper

168 100

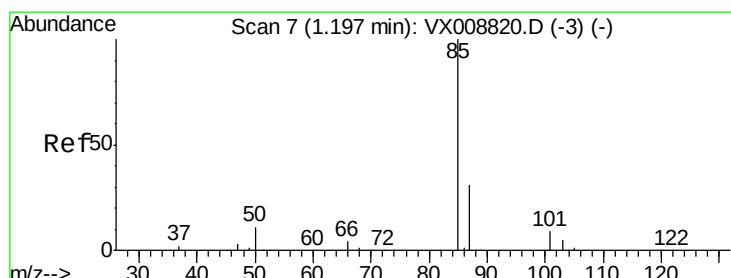
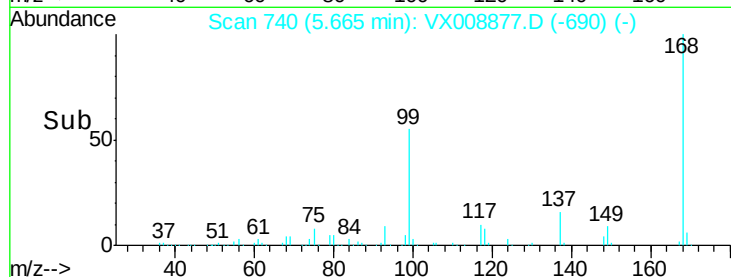
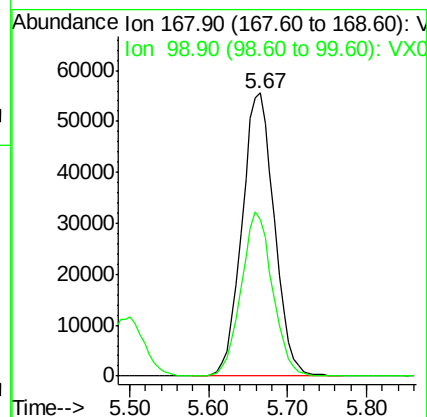
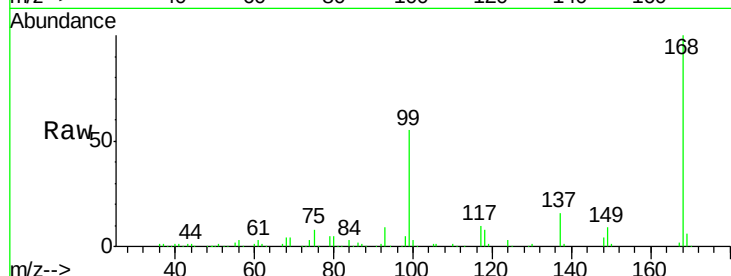
99 55.2 46.7 70.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 22.973 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008877.D

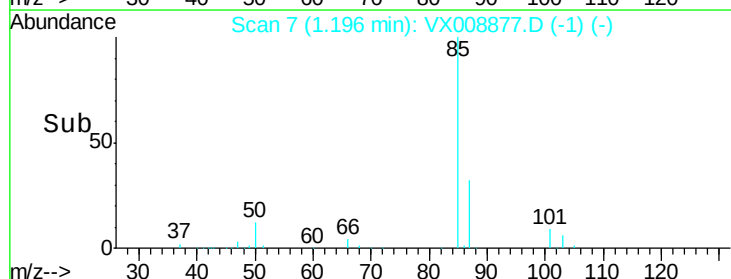
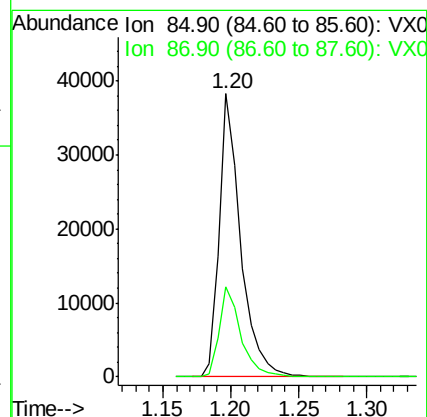
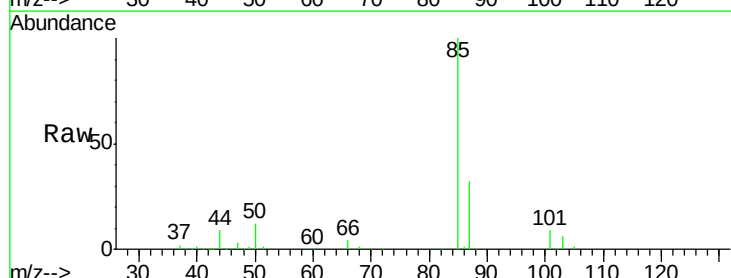
Acq: 12 Apr 2019 11:37

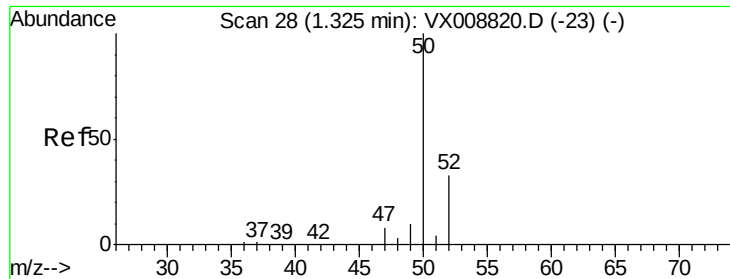
Tgt Ion: 85 Resp: 41804

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.3





#3

Chloromethane

Concen: 22.373 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion: 50 Resp: 51977

Ion Ratio Lower Upper

50 100

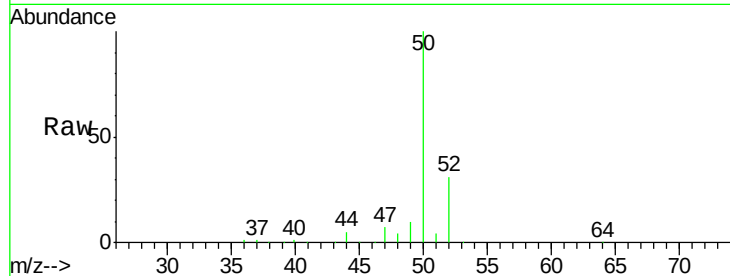
52 31.2 25.8 38.8

Manual Integrations

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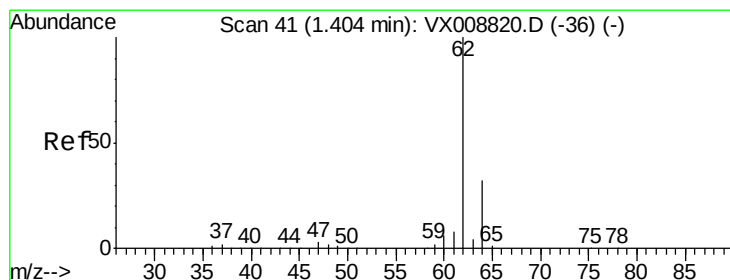
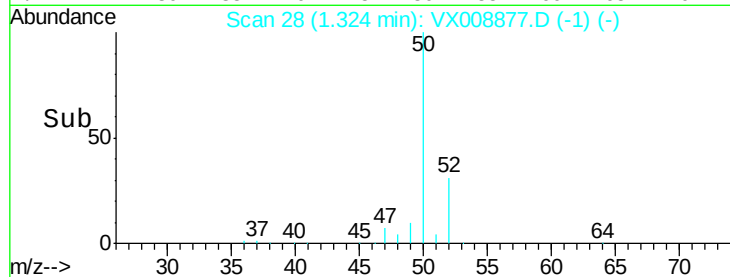
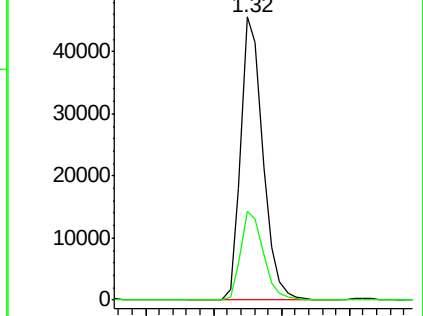
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.015 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008877.D

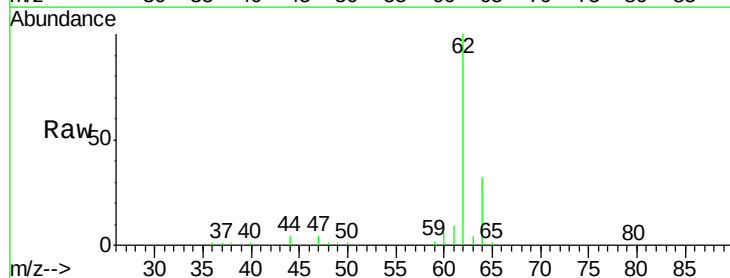
Acq: 12 Apr 2019 11:37

Tgt Ion: 62 Resp: 46775

Ion Ratio Lower Upper

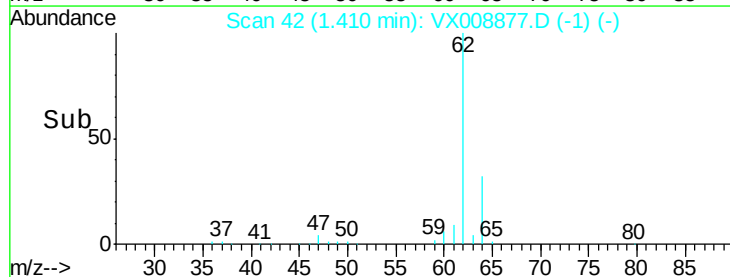
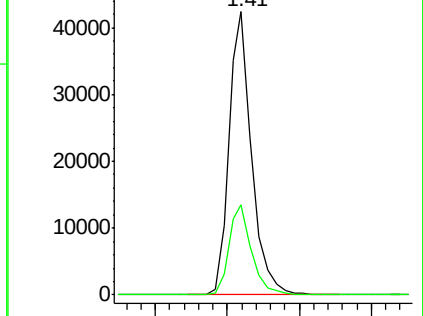
62 100

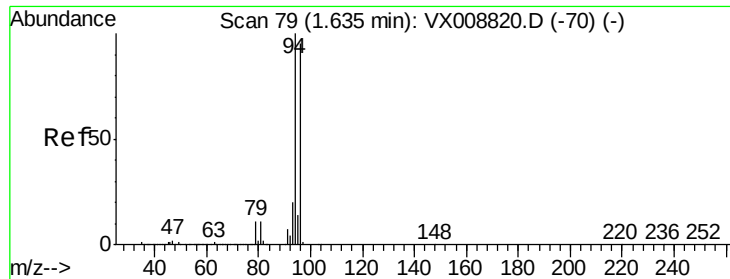
64 31.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.705 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion: 94 Resp: 27477

Ion Ratio Lower Upper

94 100

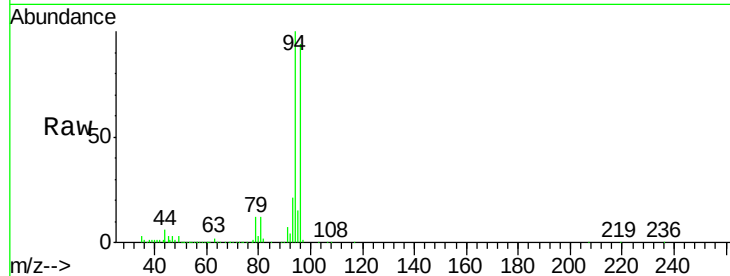
96 94.0 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

10000

5000

0

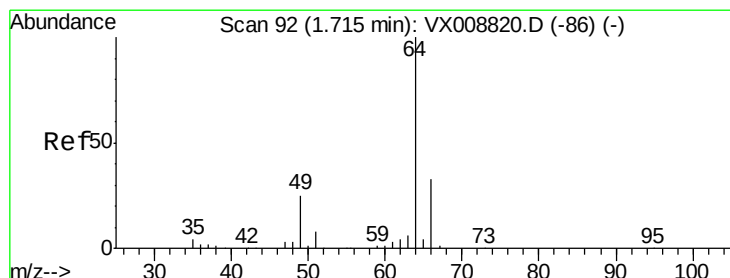
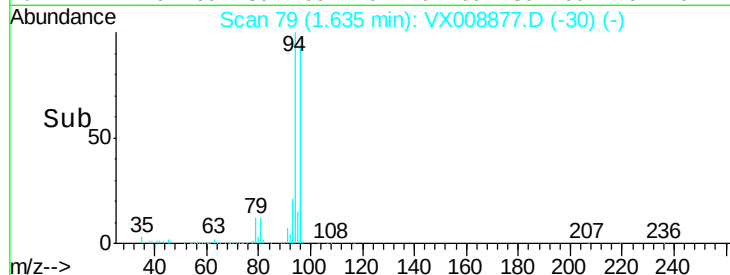
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 18.814 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008877.D

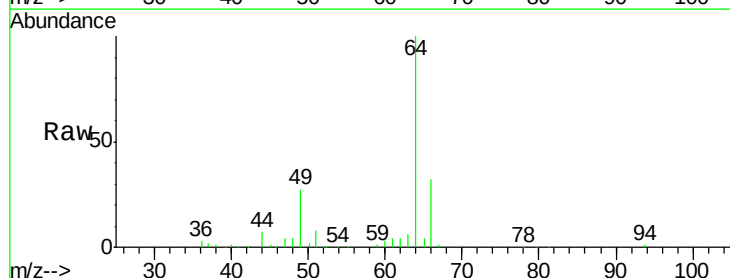
Acq: 12 Apr 2019 11:37

Tgt Ion: 64 Resp: 27813

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

10000

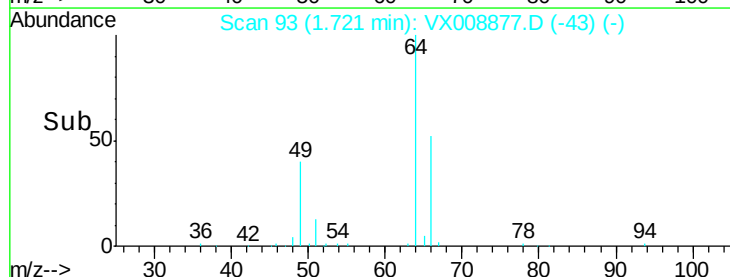
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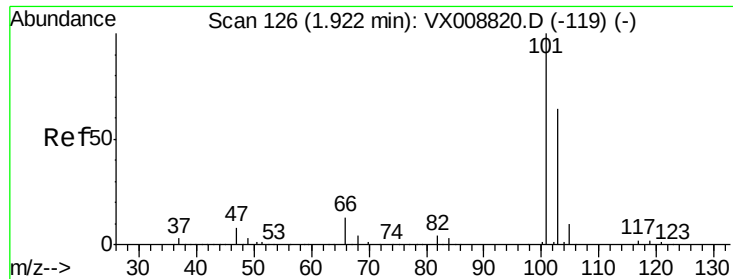
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Time-->

1.70

1.80





#7

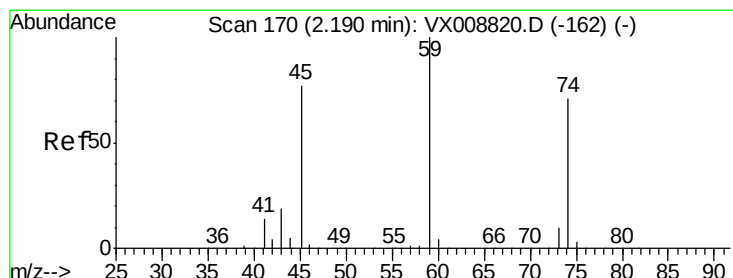
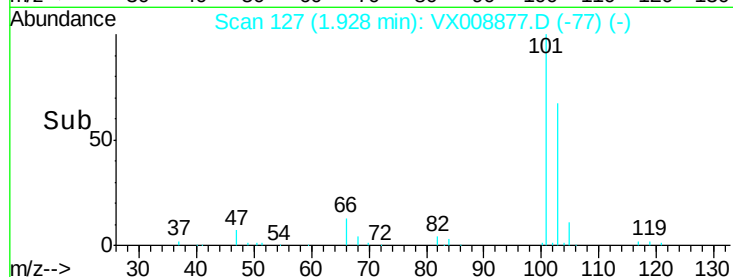
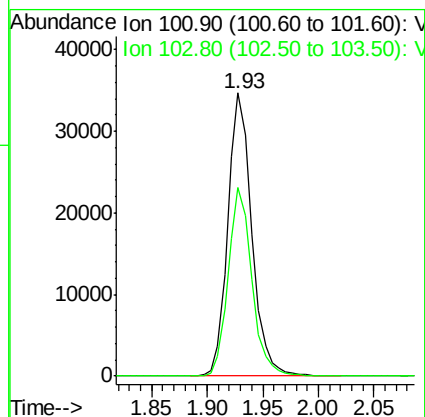
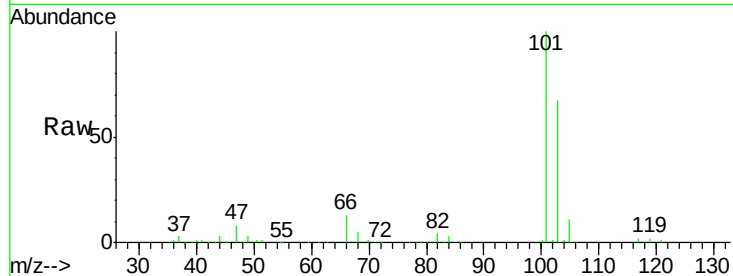
Trichlorofluoromethane
Concen: 19.032 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion:101 Resp: 51754
Ion Ratio Lower Upper
101 100
103 66.7 52.3 78.5

Manual Integrations
APPROVED

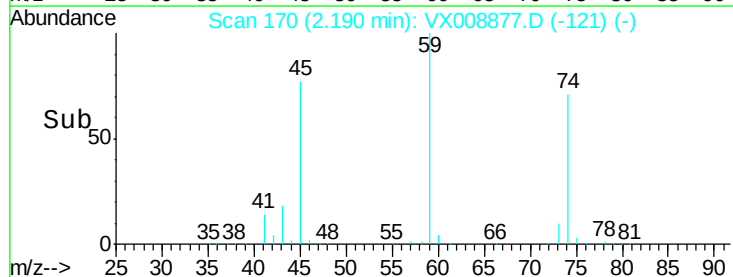
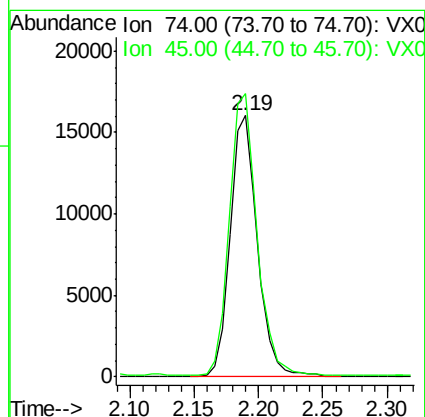
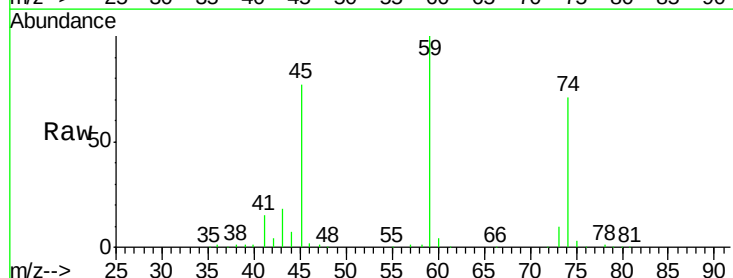
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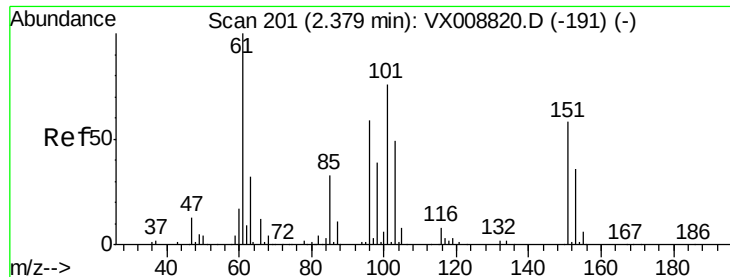


#8

Diethyl Ether
Concen: 18.459 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion: 74 Resp: 23804
Ion Ratio Lower Upper
74 100
45 109.6 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.752 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

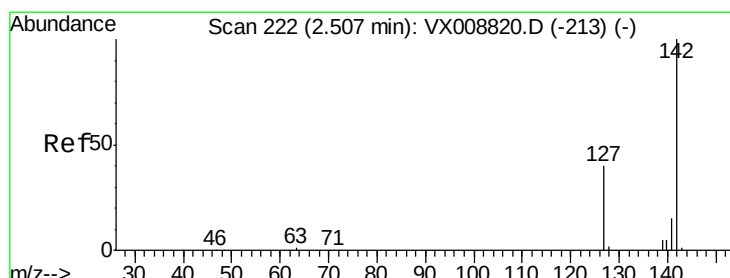
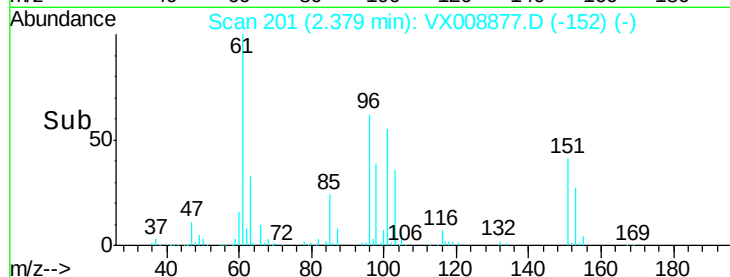
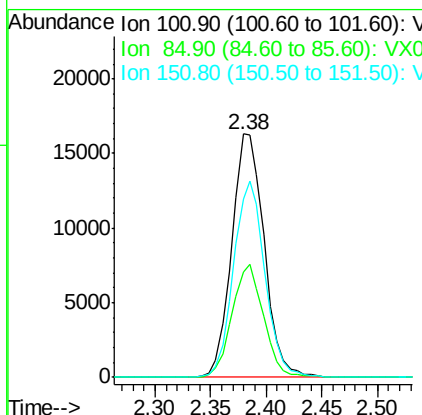
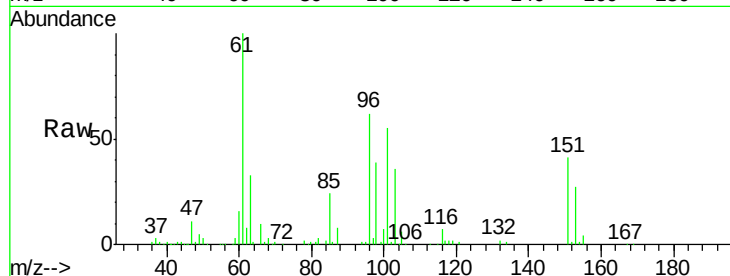
ClientSampleId :

VX0412WBS01

Tgt Ion:	101	Resp:	32830
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.0	54.0
151	78.3	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 24.203 ug/l

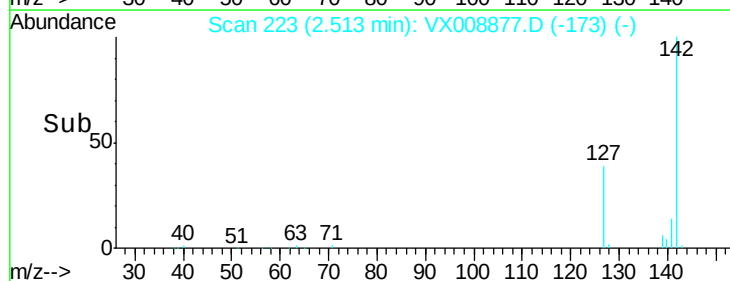
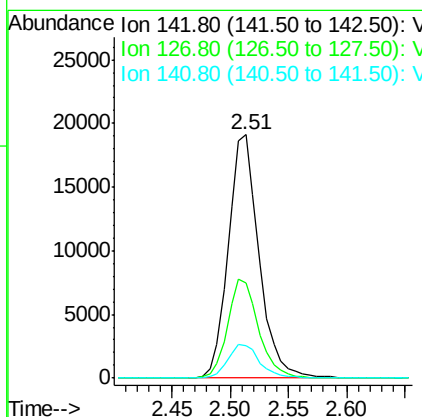
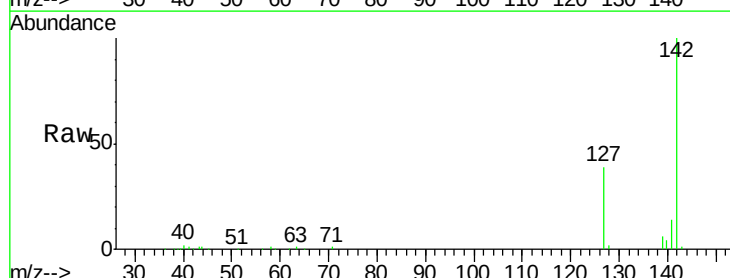
RT: 2.51 min Scan# 223

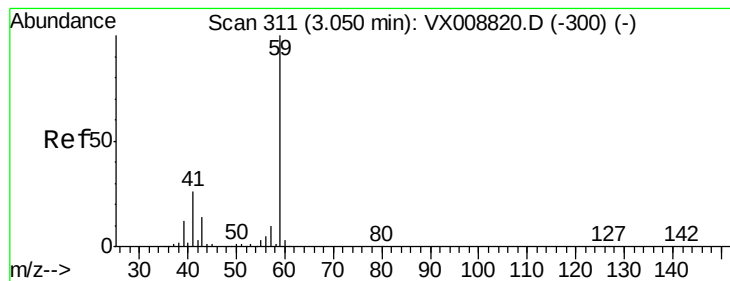
Delta R.T. 0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Tgt Ion:	142	Resp:	35012
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.0	49.6
141	14.3	11.4	17.2





#11

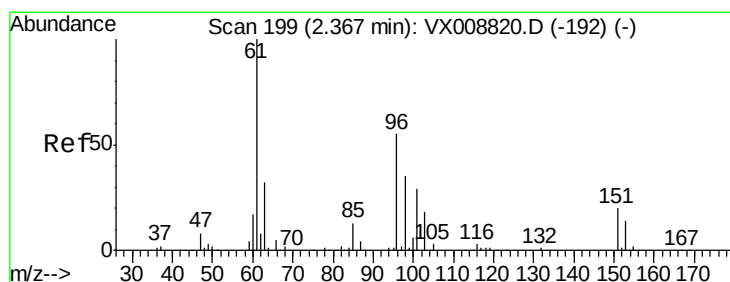
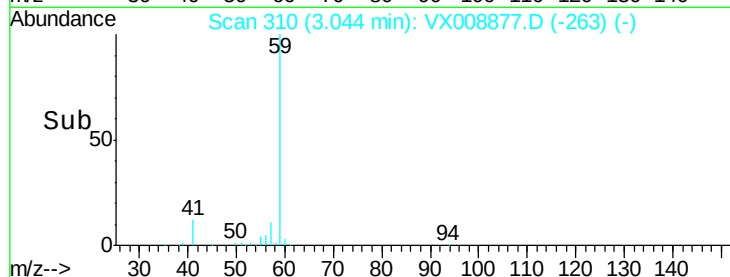
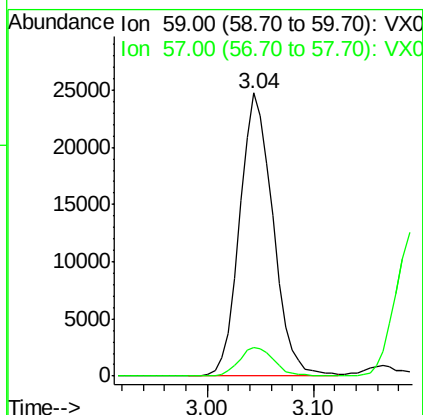
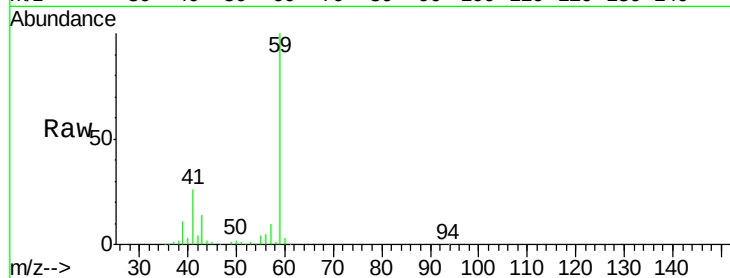
Tert butyl alcohol
 Concen: 101.158 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tgt Ion: 59 Resp: 54607
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

Manual Integrations
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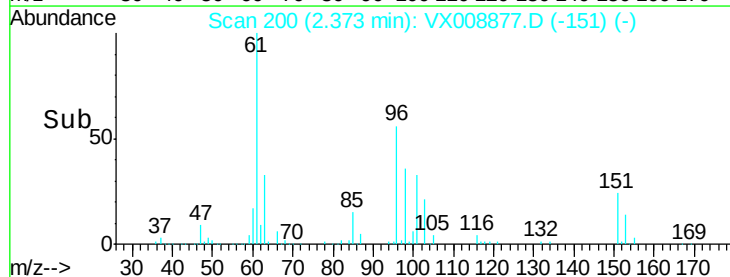
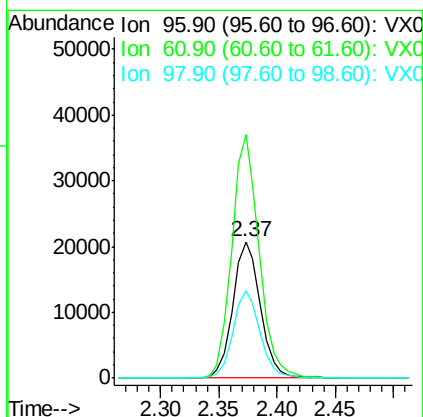
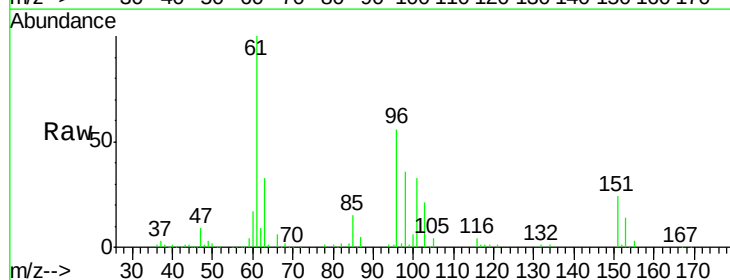
MMDadoda
 4/13/2019 2:11:26 PM

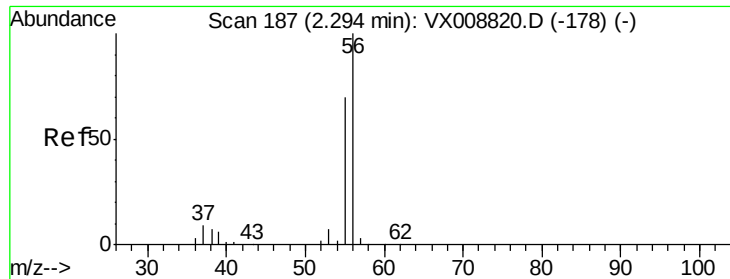


#12

1,1-Dichloroethene
 Concen: 18.722 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion: 96 Resp: 34217
 Ion Ratio Lower Upper
 96 100
 61 178.1 140.9 211.3
 98 64.3 52.1 78.1





#13

Acrolein

Concen: 94.070 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion: 56 Resp: 25180

Ion Ratio Lower Upper

56 100

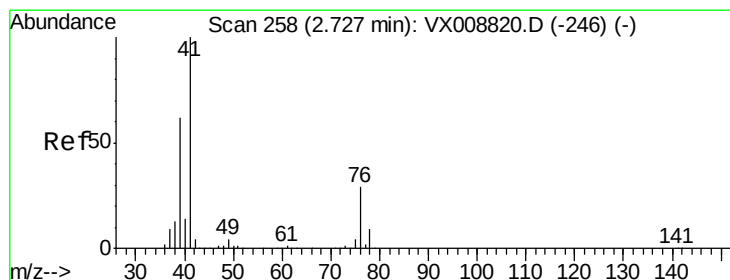
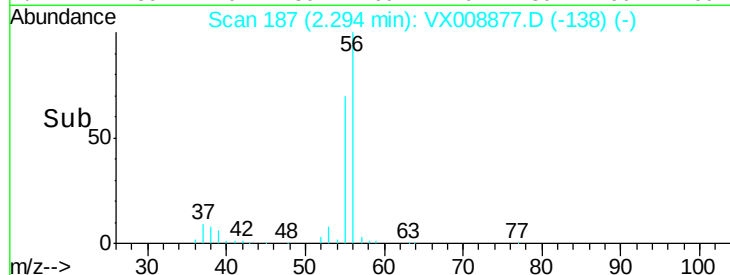
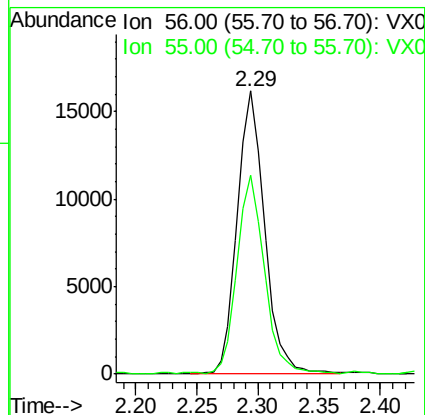
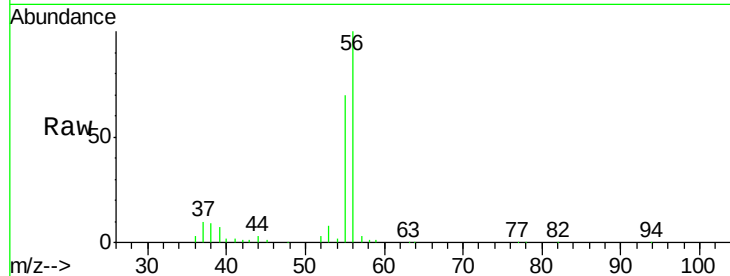
55 70.9 58.0 87.0

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 19.072 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

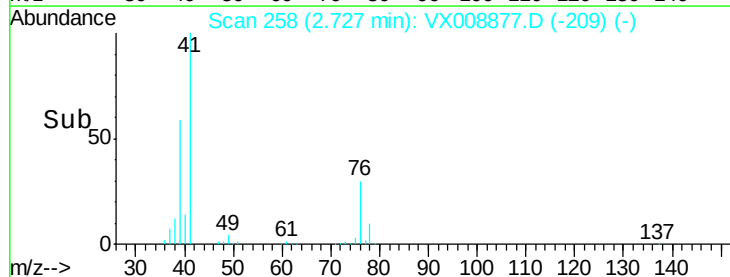
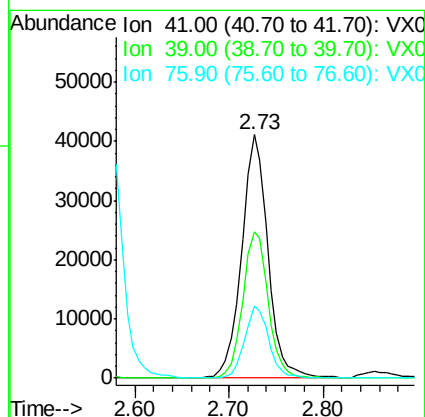
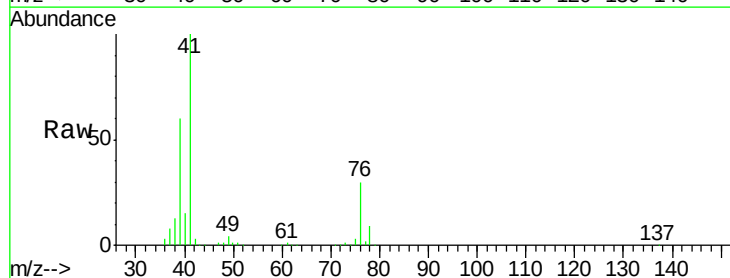
Tgt Ion: 41 Resp: 79796

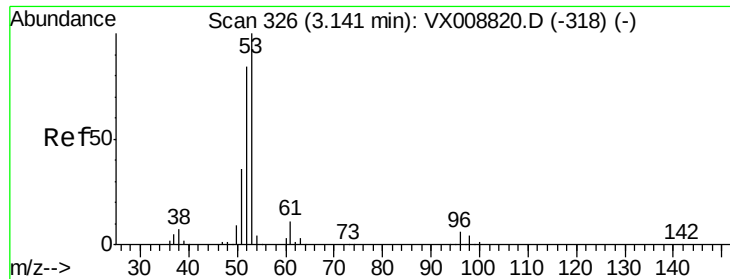
Ion Ratio Lower Upper

41 100

39 59.1 48.0 72.0

76 27.4 22.0 33.0





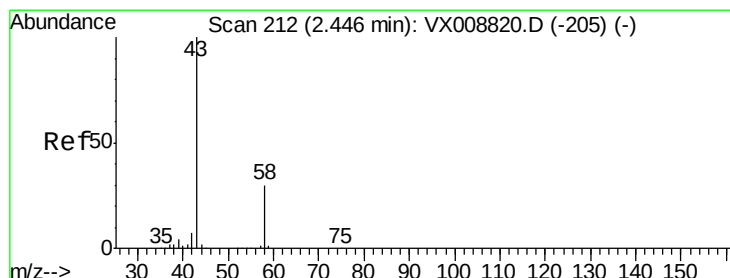
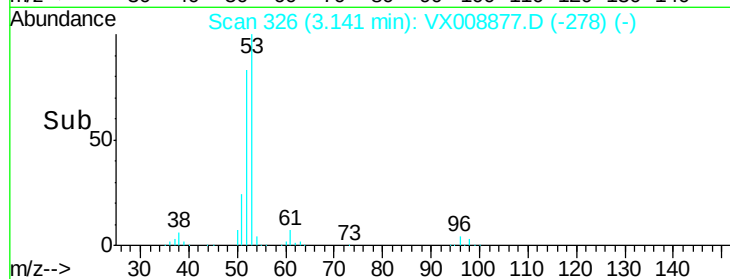
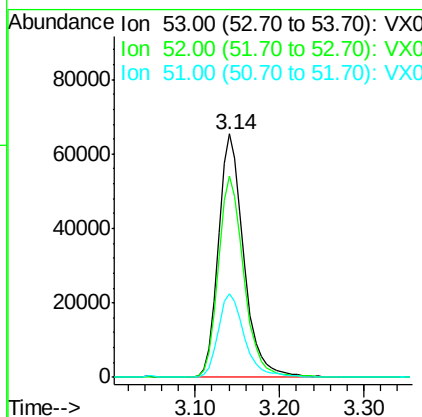
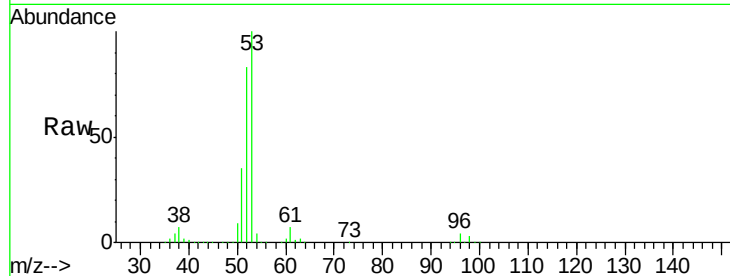
#15
Acrylonitrile
Concen: 95.011 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	35.5	28.6	42.8

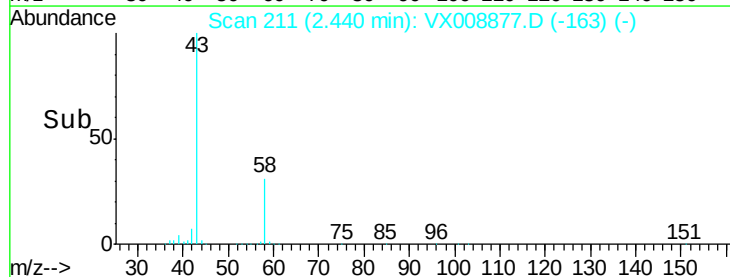
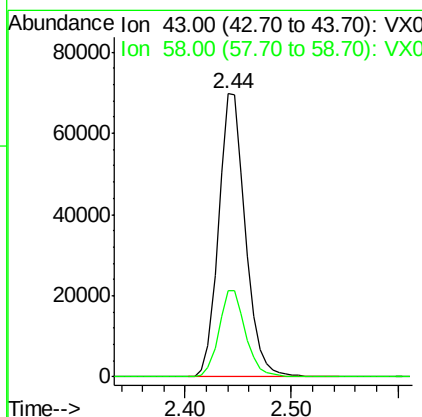
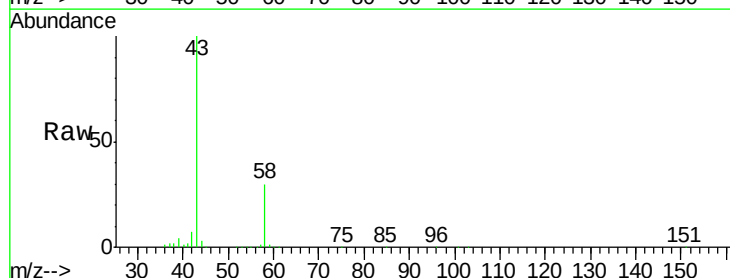
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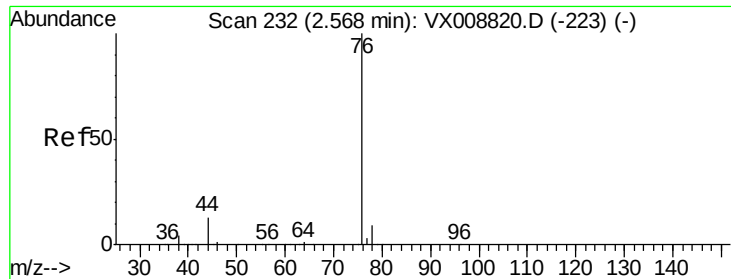
MMDadoda
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#16
Acetone
Concen: 91.231 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.8	37.2





#17

Carbon Disulfide

Concen: 18.488 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion: 76 Resp: 100034

Ion Ratio Lower Upper

76 100

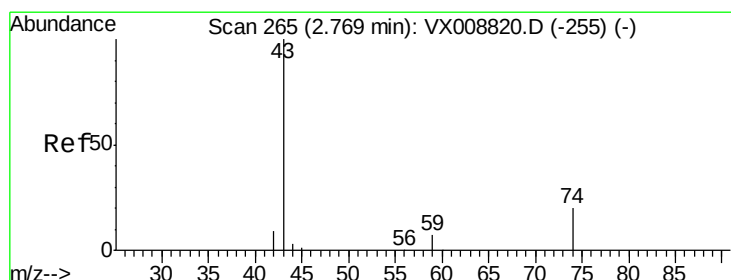
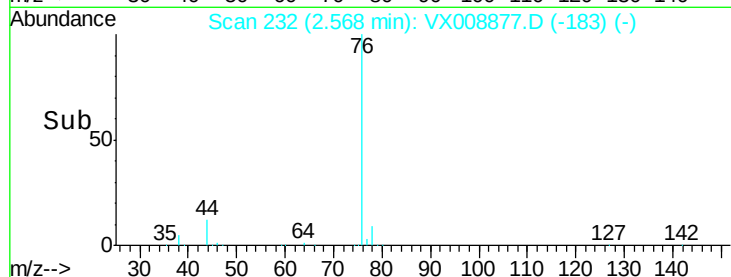
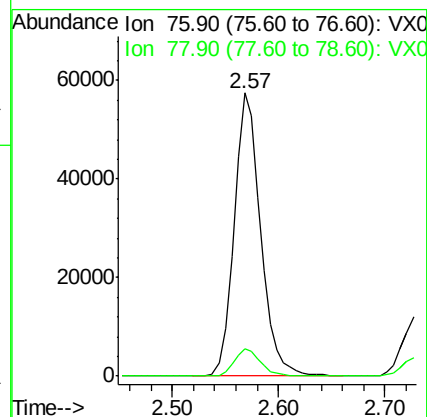
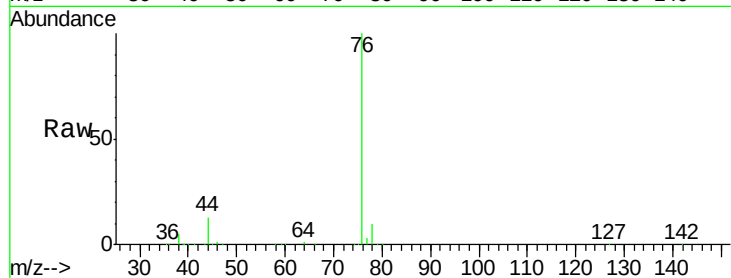
78 9.5 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 18.525 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008877.D

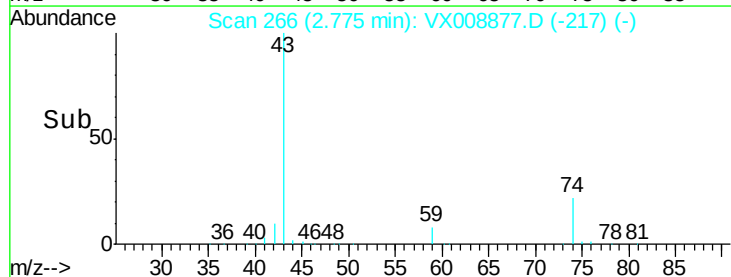
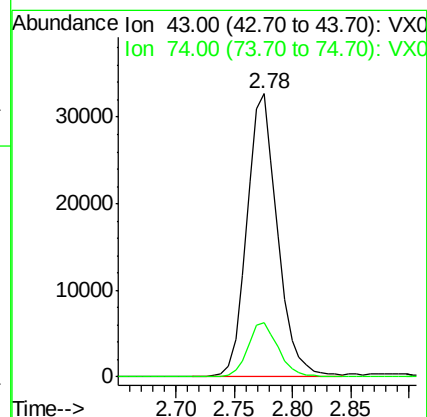
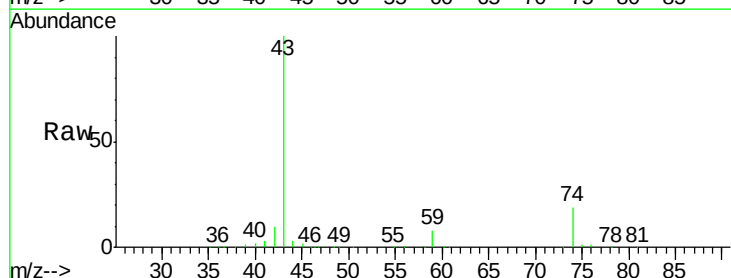
Acq: 12 Apr 2019 11:37

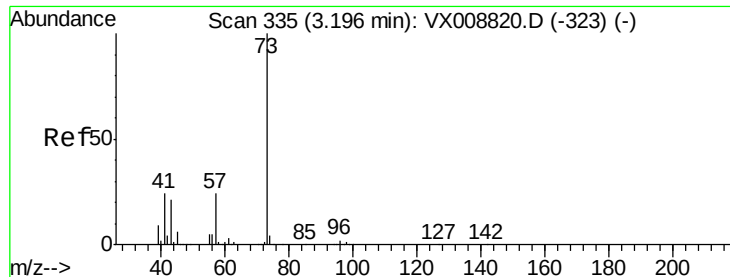
Tgt Ion: 43 Resp: 59668

Ion Ratio Lower Upper

43 100

74 19.9 16.5 24.7





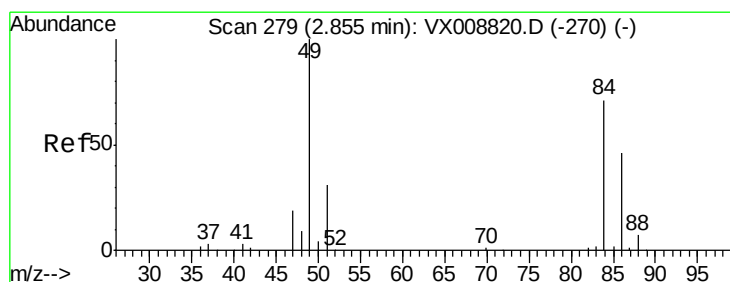
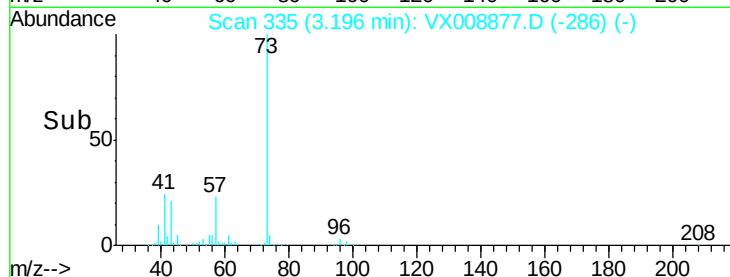
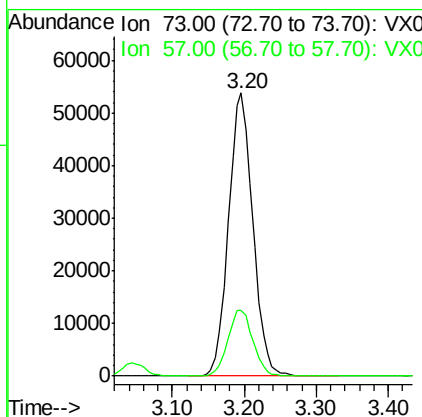
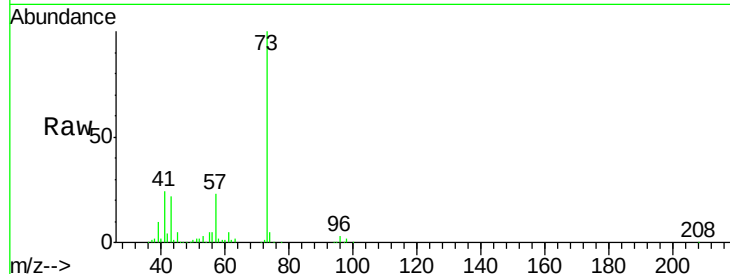
#19
Methyl tert-butyl Ether
Concen: 19.375 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion: 73 Resp: 126461
Ion Ratio Lower Upper
73 100
57 23.3 19.5 29.3

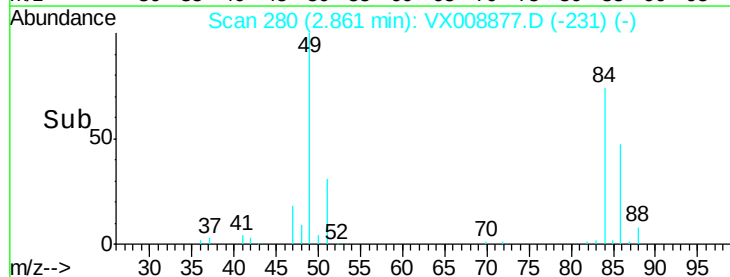
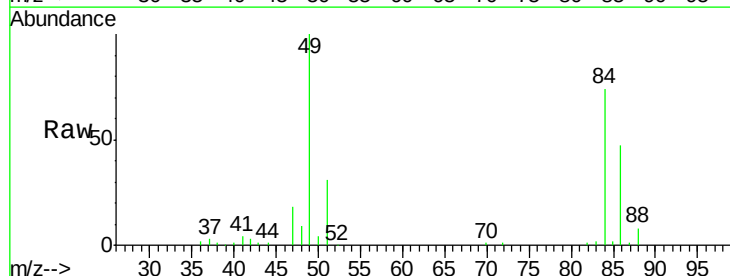
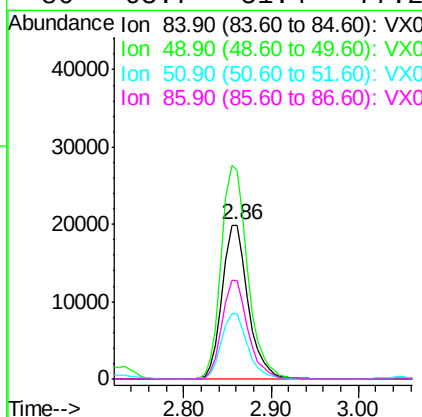
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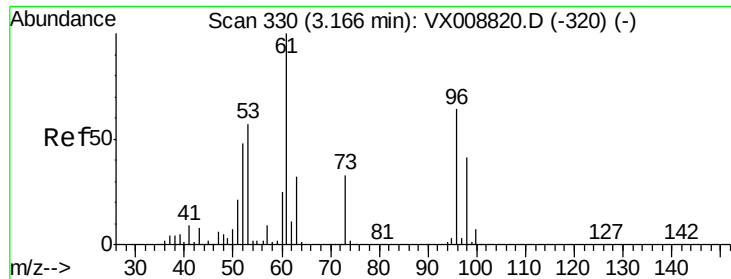
MMDadoda
4/13/2019 2:11:26 PM



#20
Methylene Chloride
Concen: 18.544 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion: 84 Resp: 41224
Ion Ratio Lower Upper
84 100
49 135.6 109.7 164.5
51 42.5 33.6 50.4
86 63.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 18.245 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

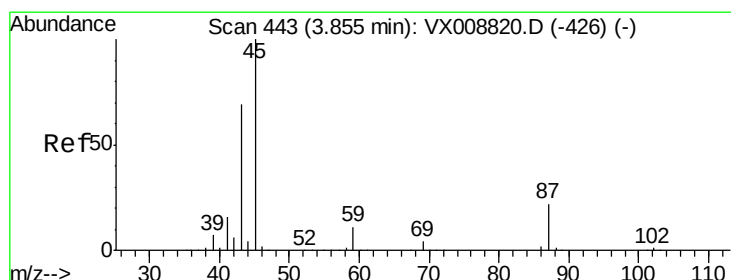
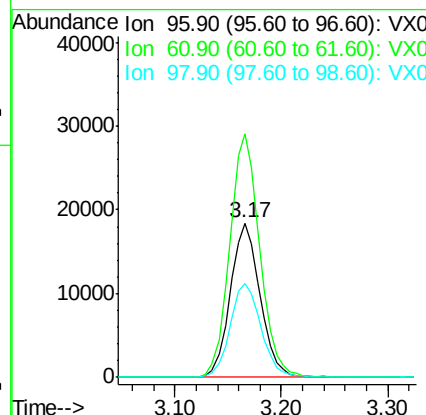
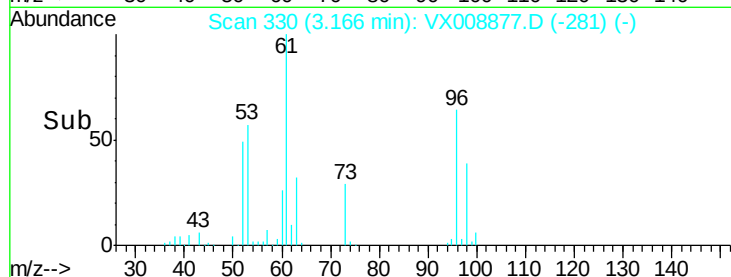
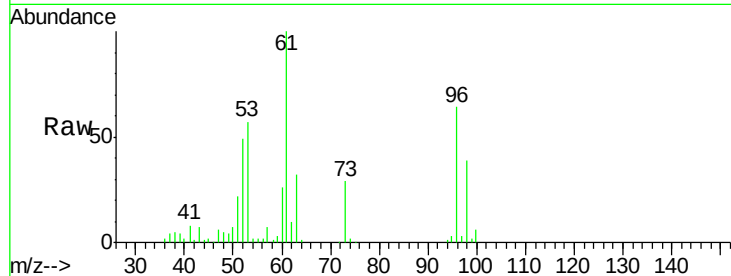
ClientSampleId :

VX0412WBS01

Tgt Ion:	96	Resp:	36068
Ion	Ratio	Lower	Upper
96	100		
61	157.5	132.1	198.1
98	61.1	52.2	78.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.369 ug/l

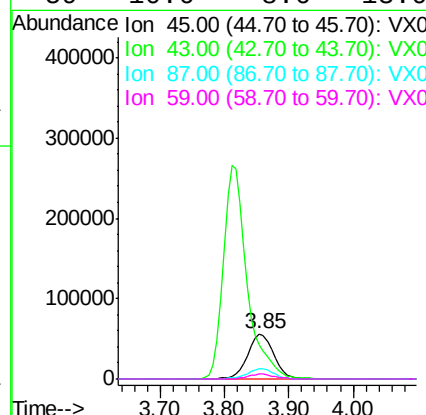
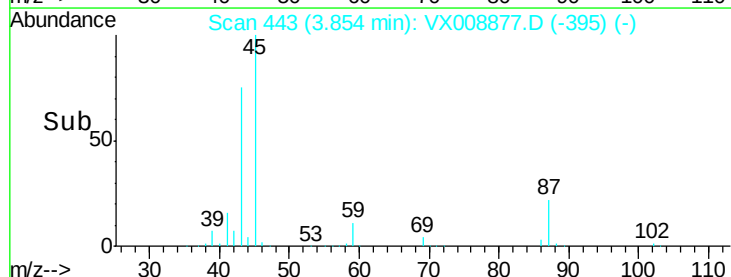
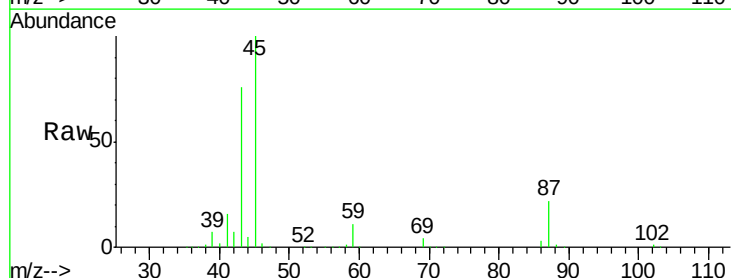
RT: 3.85 min Scan# 443

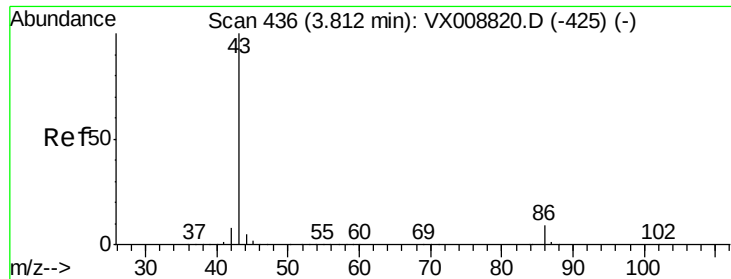
Delta R.T. -0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Tgt Ion:	45	Resp:	156192
Ion	Ratio	Lower	Upper
45	100		
43	75.4	51.3	76.9
87	21.6	18.1	27.1
59	10.6	8.6	13.0





#23

Vinyl Acetate

Concen: 98.527 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion: 43 Resp: 691198

Ion Ratio Lower Upper

43 100

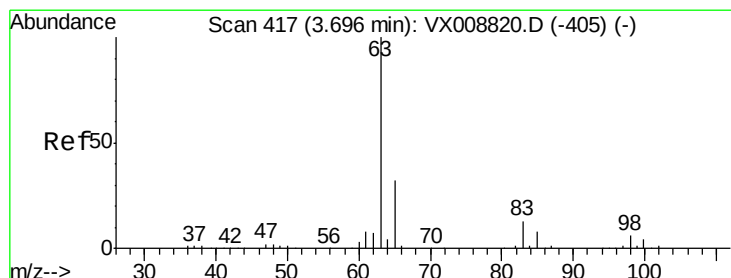
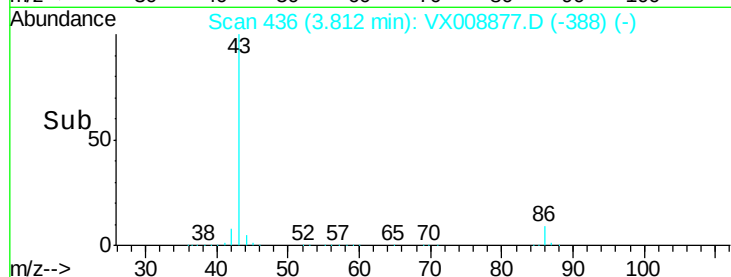
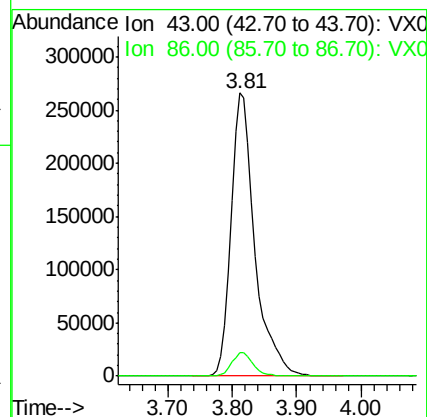
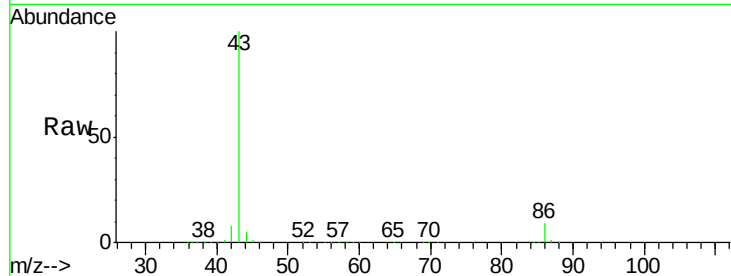
86 8.5 7.0 10.6

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 19.051 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

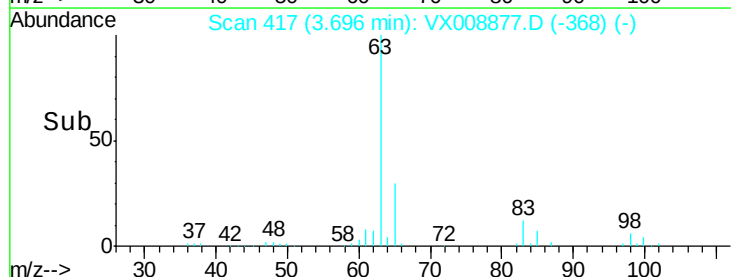
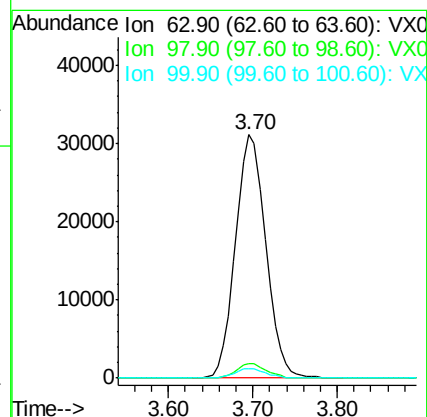
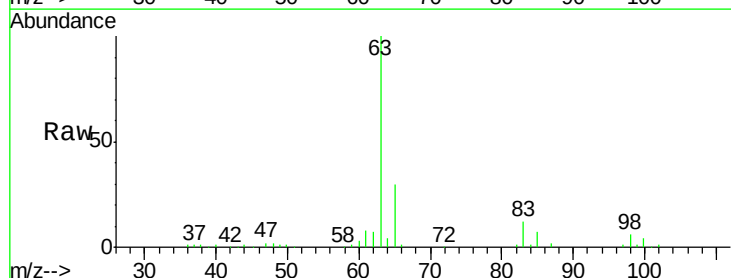
Tgt Ion: 63 Resp: 76066

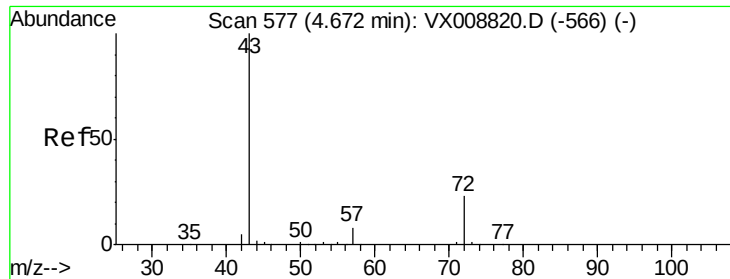
Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 96.004 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion: 43 Resp: 201519

Ion Ratio Lower Upper

43 100

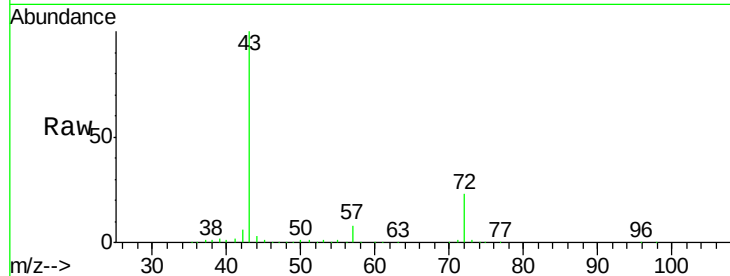
72 22.6 18.2 27.4

Manual Integrations

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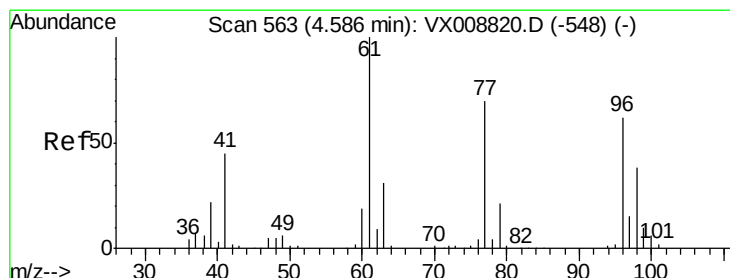
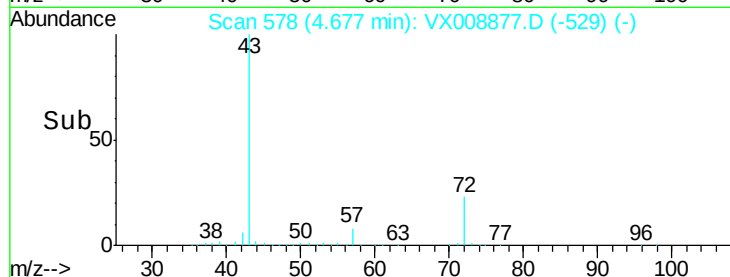
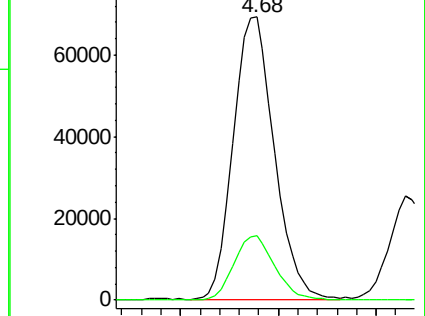
MMDadoda

4/13/2019 2:11:26 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.276 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008877.D

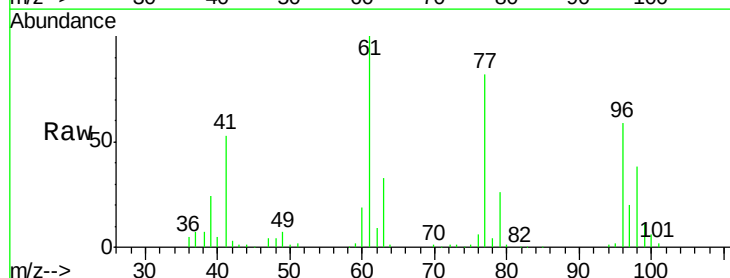
Acq: 12 Apr 2019 11:37

Tgt Ion: 77 Resp: 54206

Ion Ratio Lower Upper

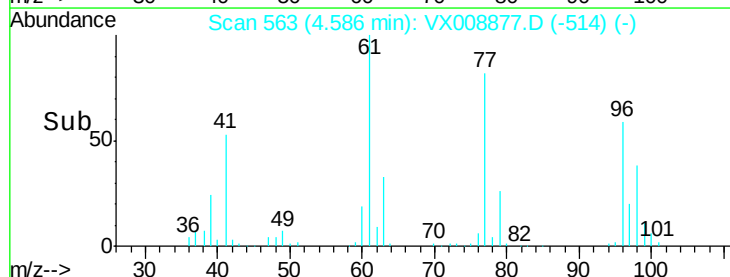
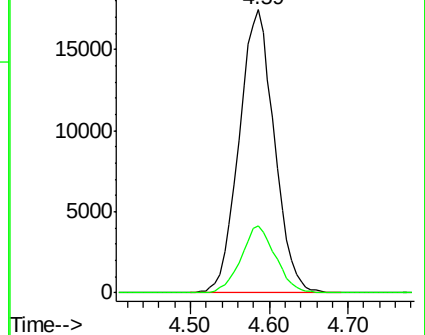
77 100

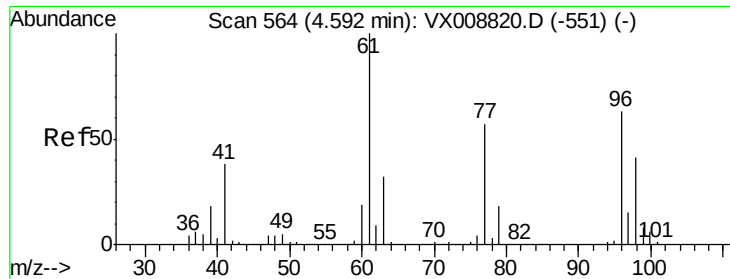
97 23.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

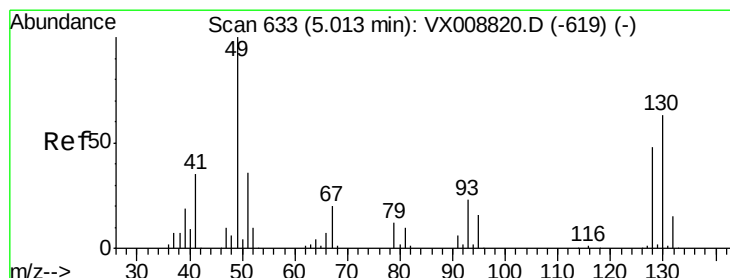
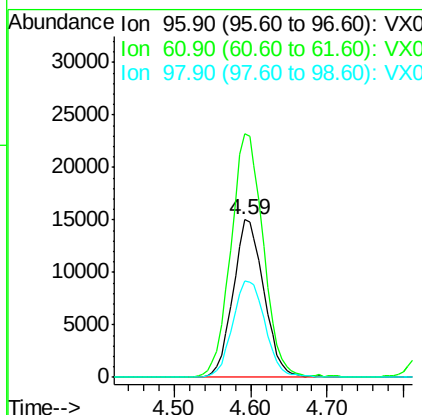
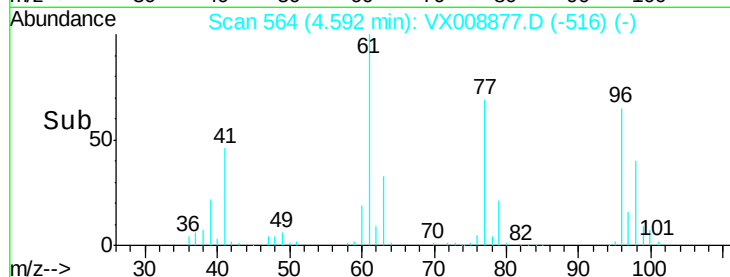
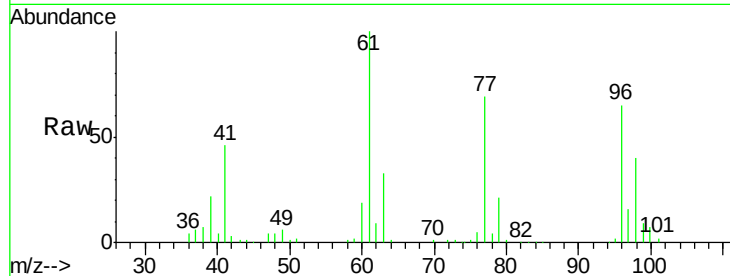
cis-1,2-Dichloroethene
Concen: 18.457 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.0	0.0	327.6
98	64.6	0.0	128.6

Manual Integrations
APPROVED

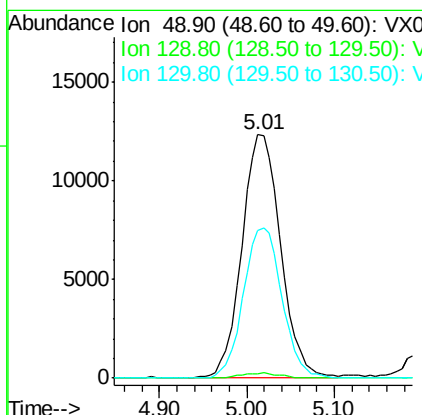
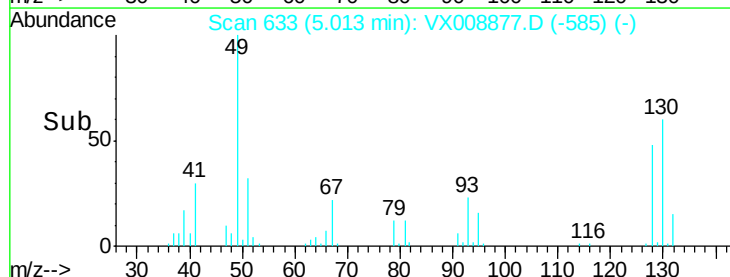
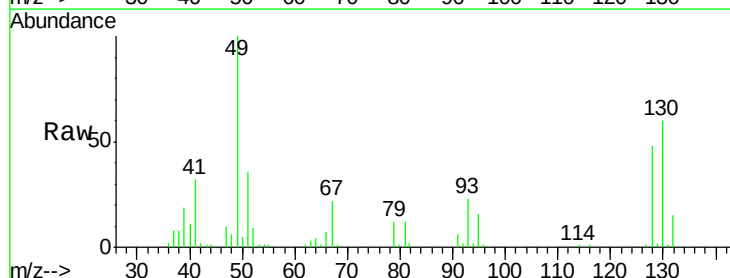
MMDadoda
4/13/2019 2:11:26 PM

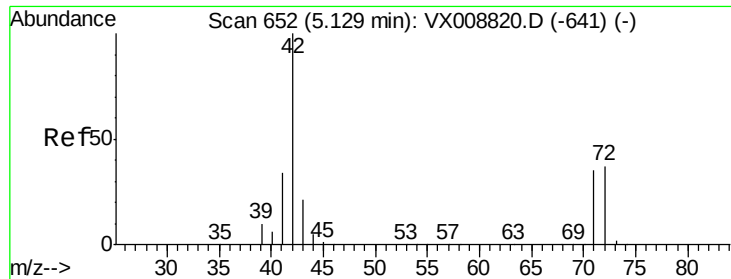


#28

Bromochloromethane
Concen: 21.090 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	61.3	49.3	73.9





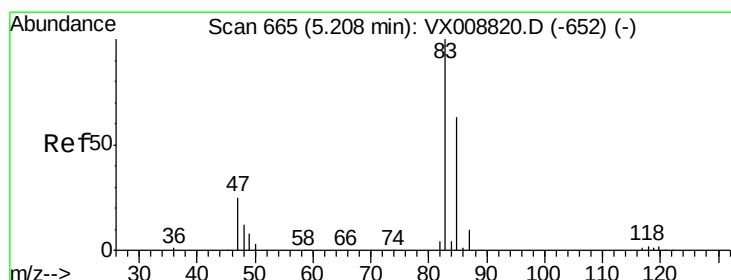
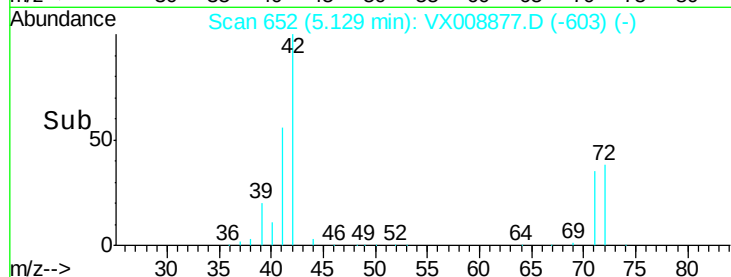
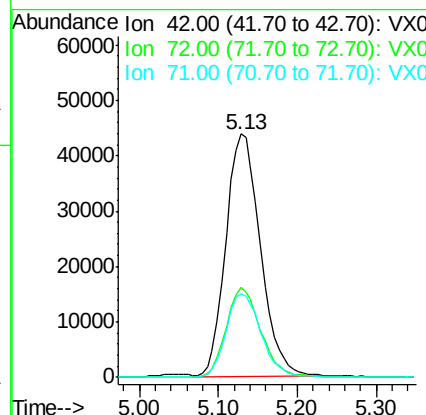
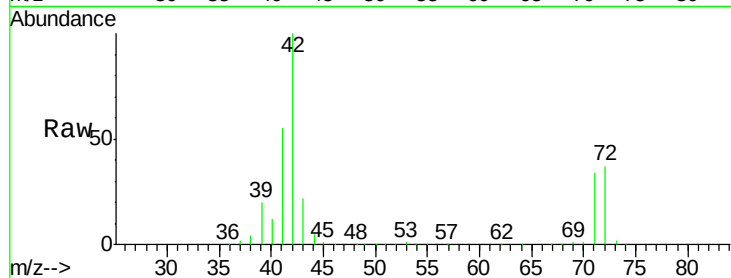
#29
Tetrahydrofuran
Concen: 95.933 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.4	30.5	45.7
71	35.5	28.6	43.0

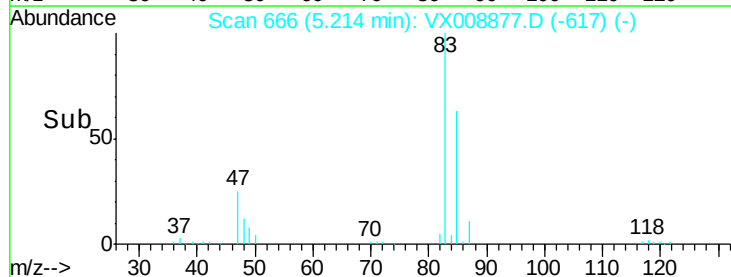
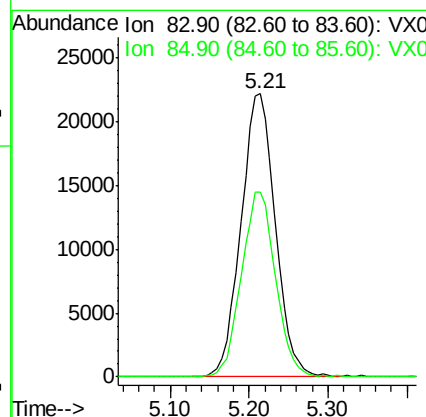
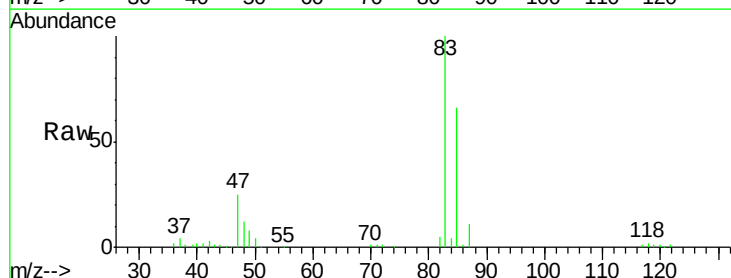
Manual Integrations
APPROVED

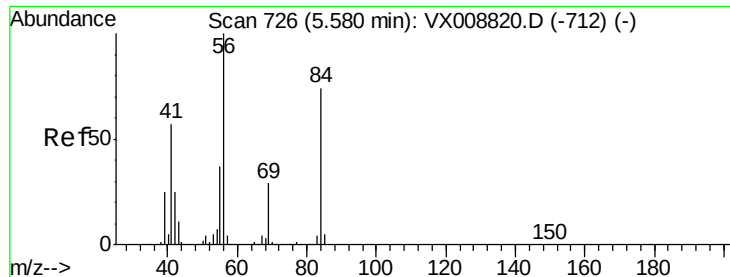
MMDadoda
4/13/2019 2:11:26 PM



#30
Chloroform
Concen: 18.844 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.1	78.1





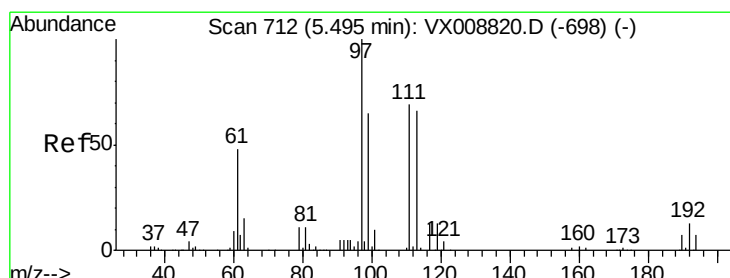
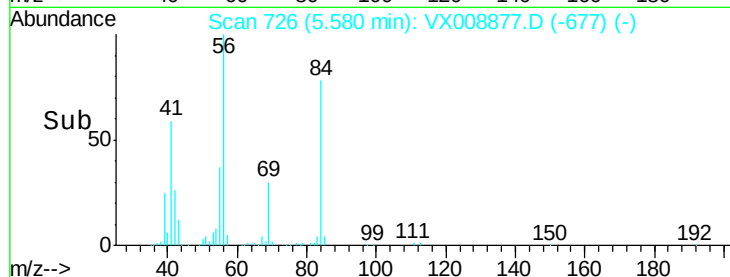
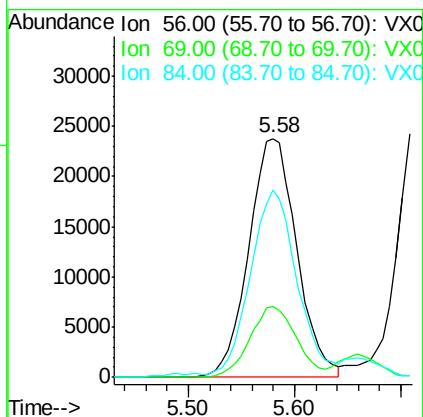
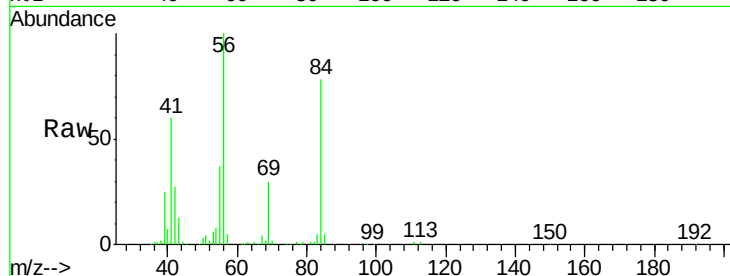
#31
Cyclohexane
Concen: 18.808 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.9	22.6	33.8
84	77.1	59.3	88.9

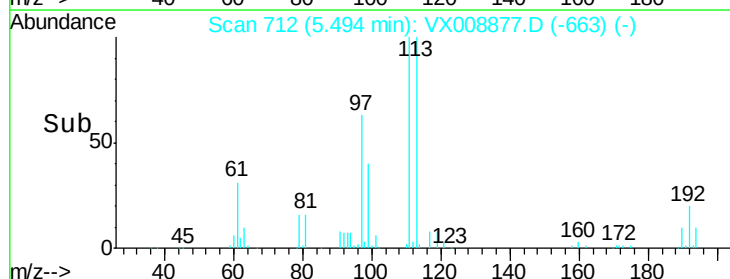
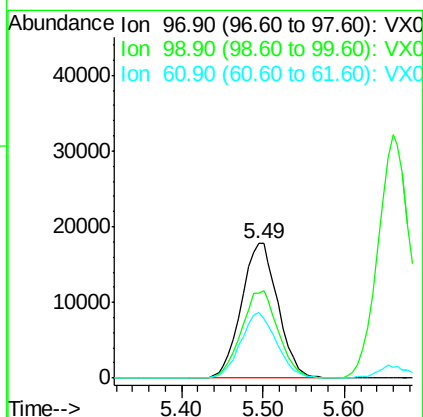
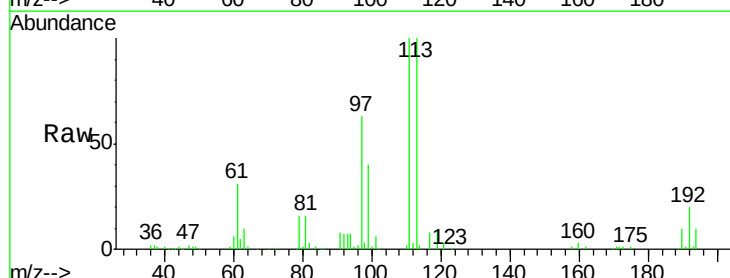
Manual Integrations
APPROVED

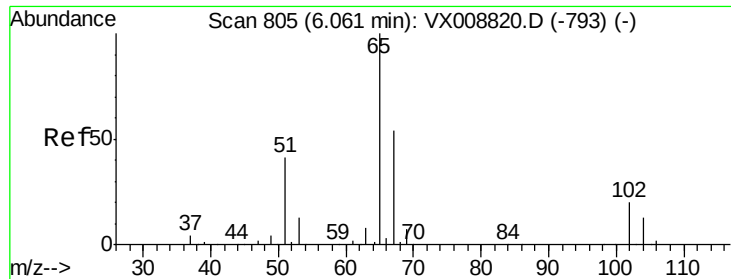
MMDadoda
4/13/2019 2:11:26 PM



#32
1,1,1-Trichloroethane
Concen: 19.190 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.3	76.9
61	47.8	38.9	58.3





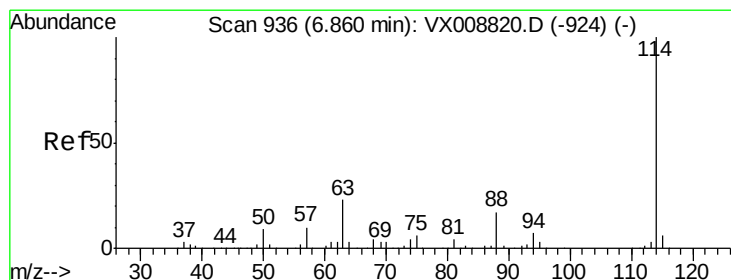
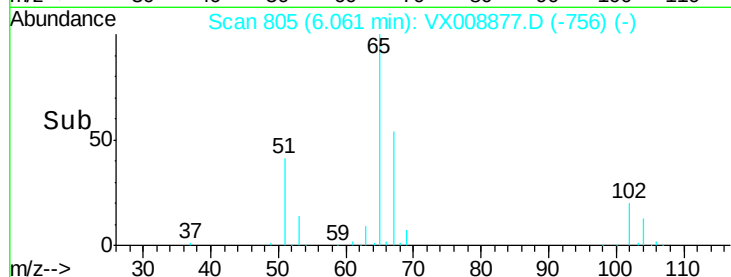
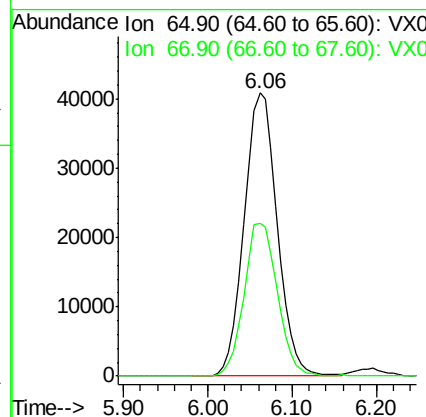
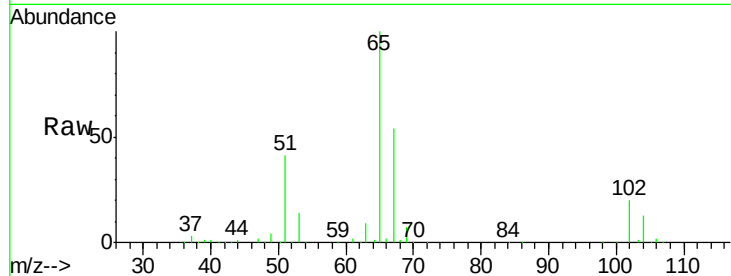
#33
 1,2-Dichloroethane-d4
 Concen: 46.824 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	107968		
67	54.5	0.0	107.2	

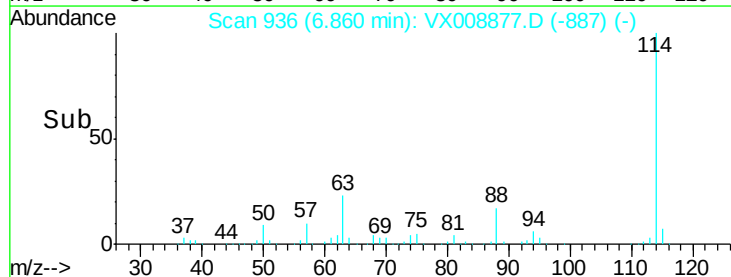
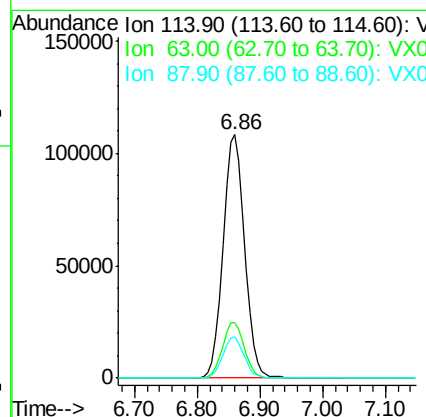
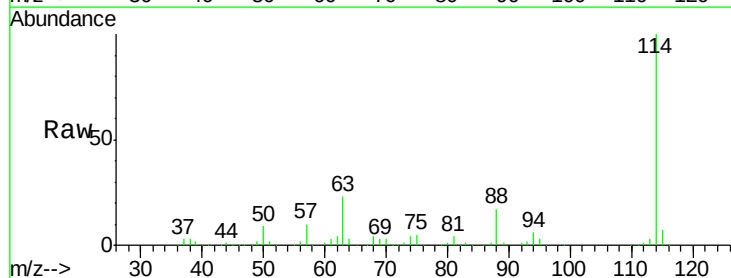
Manual Integrations
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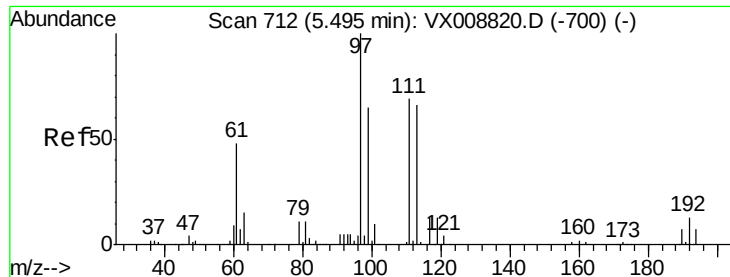
MMDadoda
 4/13/2019 2:11:26 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	257022		
63	23.0	0.0	47.2	
88	16.8	0.0	34.0	





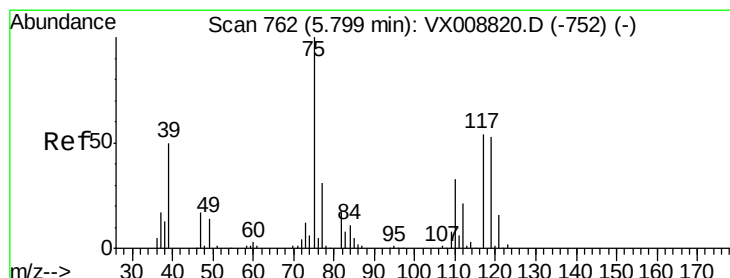
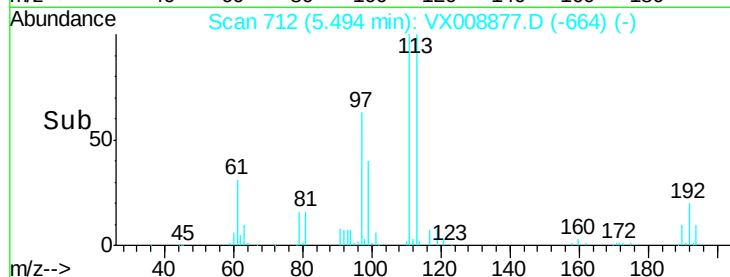
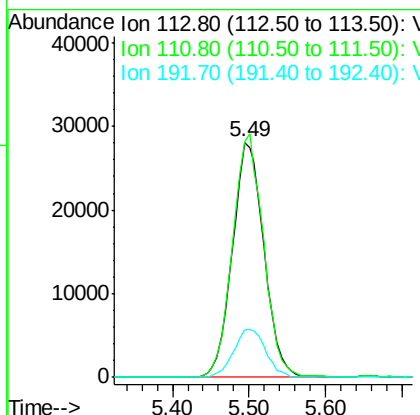
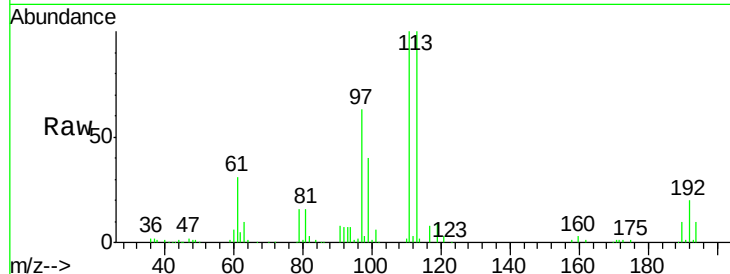
#35
 Dibromofluoromethane
 Concen: 48.736 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	80088		
111	101.8	83.4	125.2	
192	21.1	16.1	24.1	

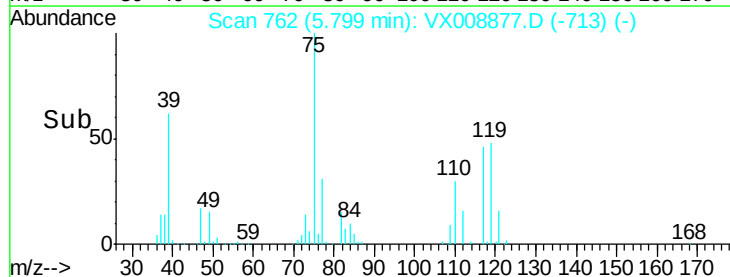
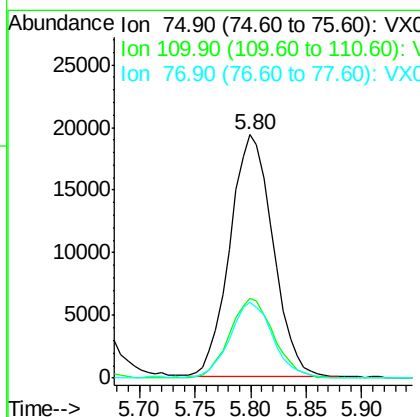
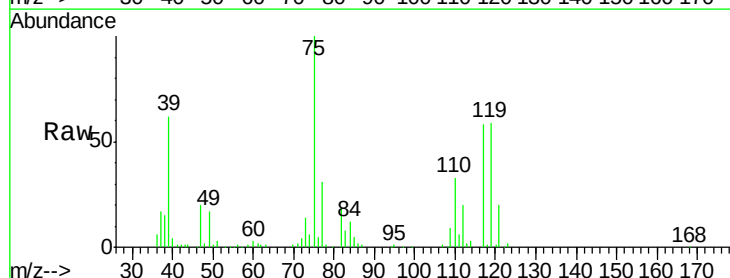
Manual Integrations
 APPROVED

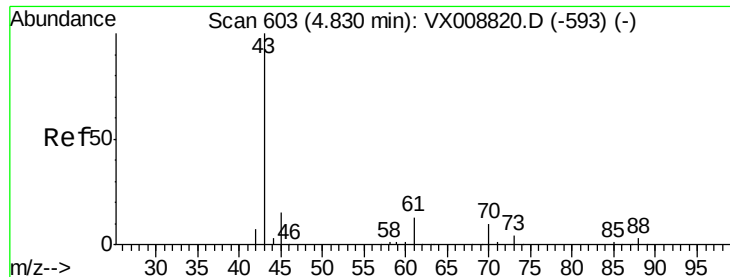
MMDadoda
 4/13/2019 2:11:26 PM



#36
 1,1-Dichloropropene
 Concen: 18.502 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51981		
110	33.9	16.4	49.2	
77	31.6	24.7	37.1	





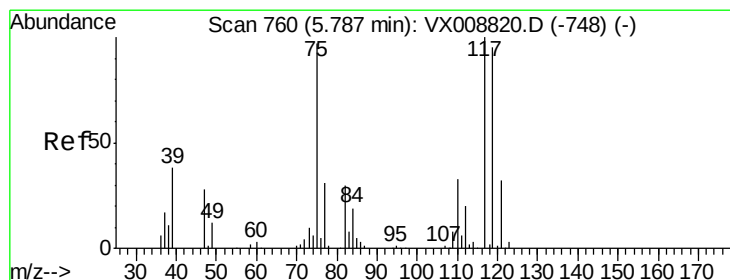
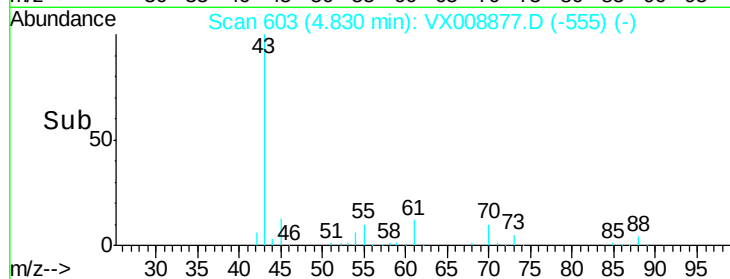
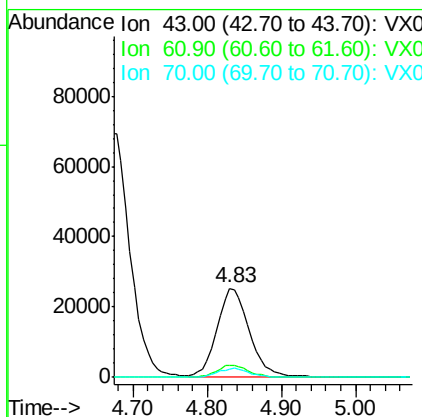
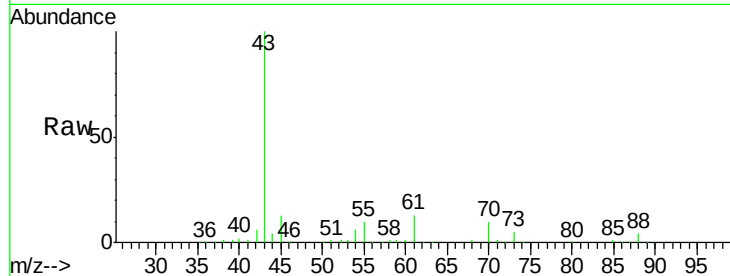
#37
Ethyl Acetate
Concen: 20.022 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.3	15.5
70	10.0	7.6	11.4

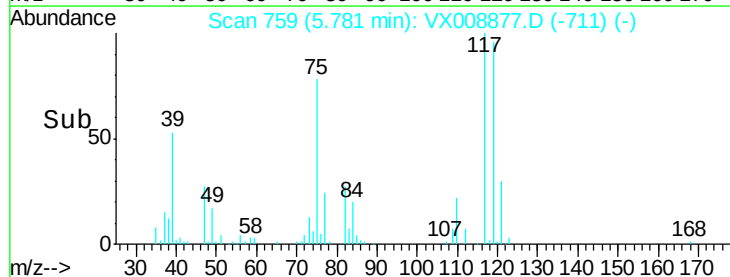
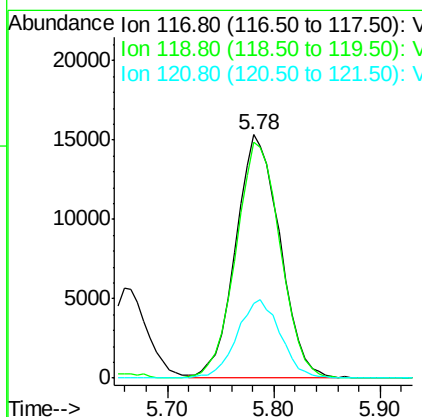
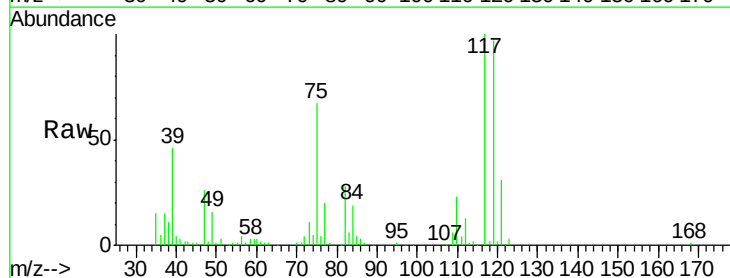
Manual Integrations
APPROVED

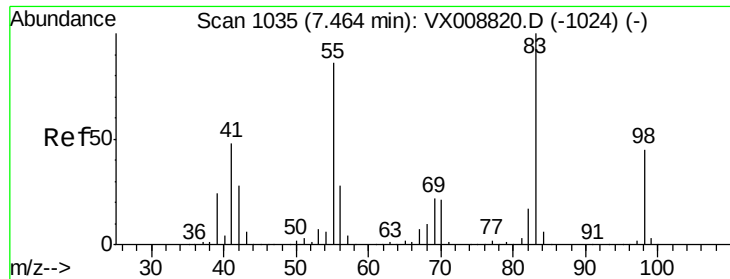
MMDadoda
4/13/2019 2:11:26 PM



#38
Carbon Tetrachloride
Concen: 19.237 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.0	112.6
121	30.7	24.3	36.5





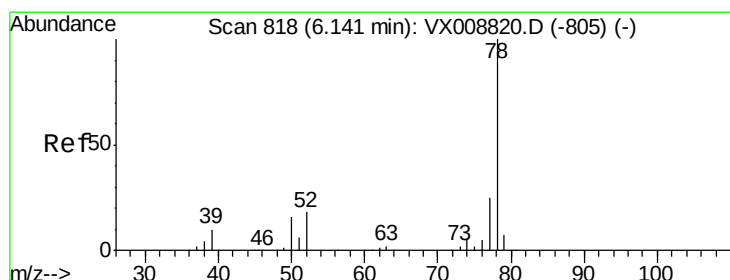
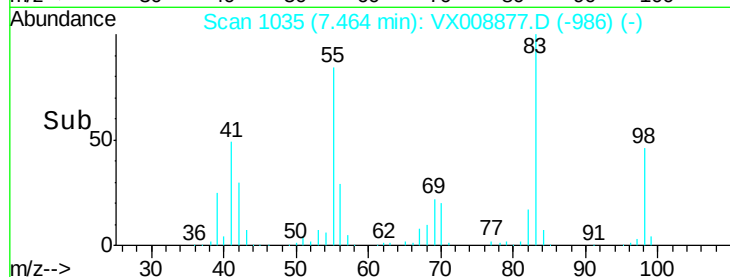
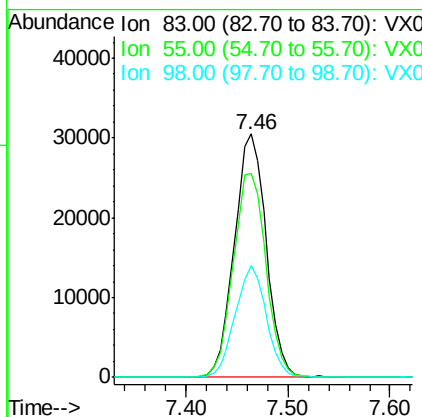
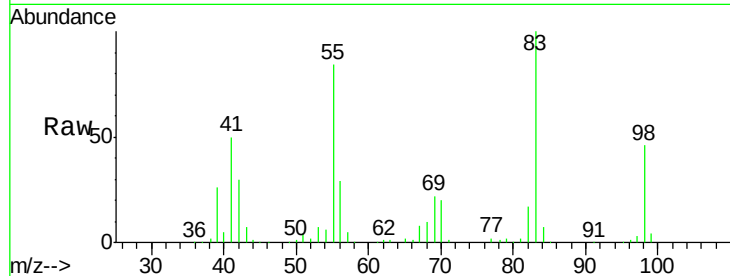
#39
Methylcyclohexane
Concen: 19.045 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.6	69.0	103.6
98	46.0	34.4	51.6

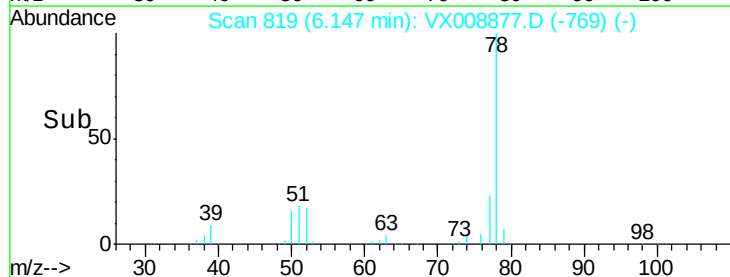
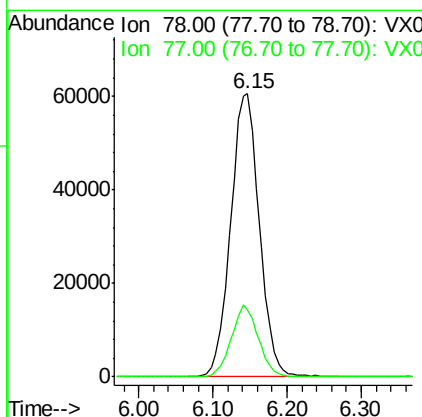
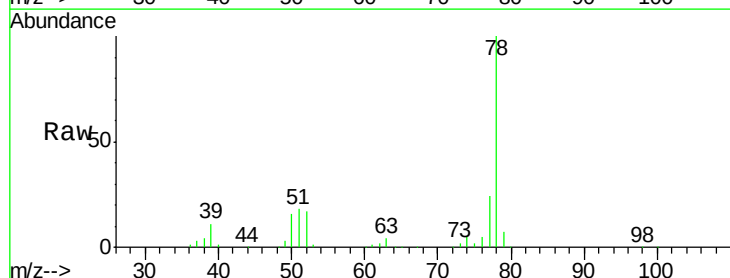
Manual Integrations
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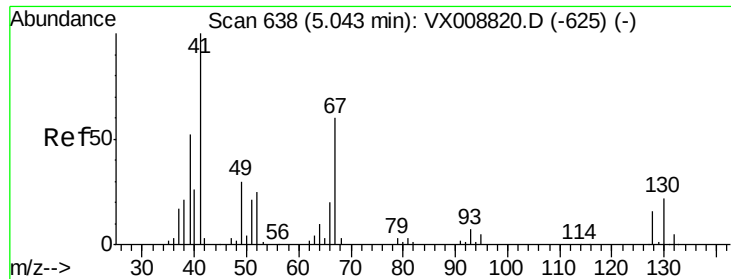
MMDadoda
4/13/2019 2:11:26 PM



#40
Benzene
Concen: 19.499 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





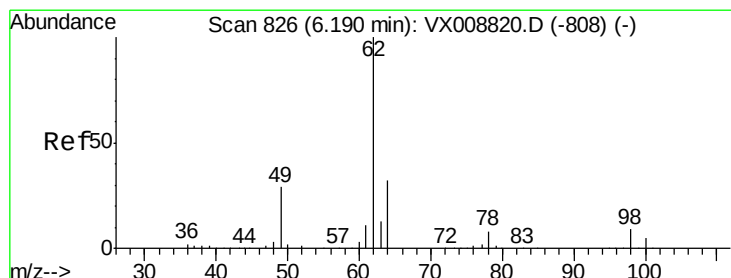
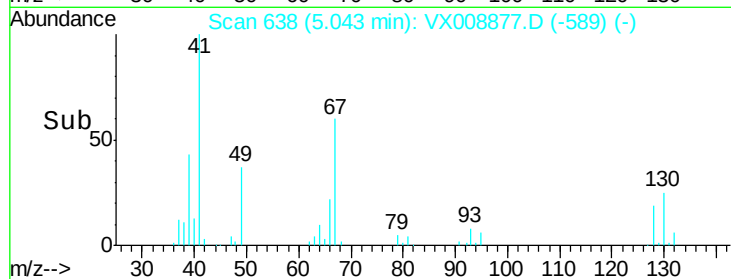
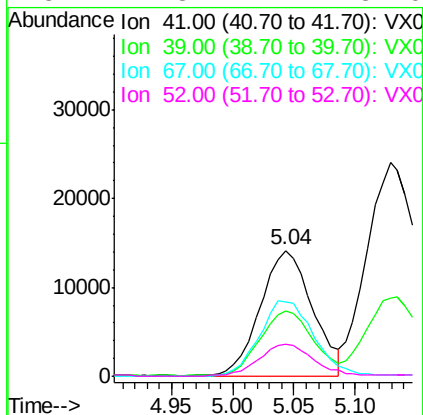
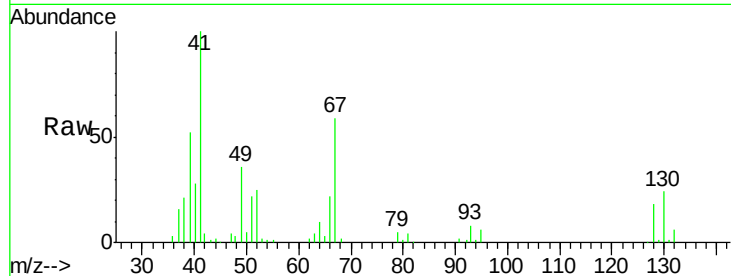
#41
Methacrylonitrile
Concen: 19.579 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.1	63.1
67	62.5	51.0	76.6
52	27.8	21.4	32.0

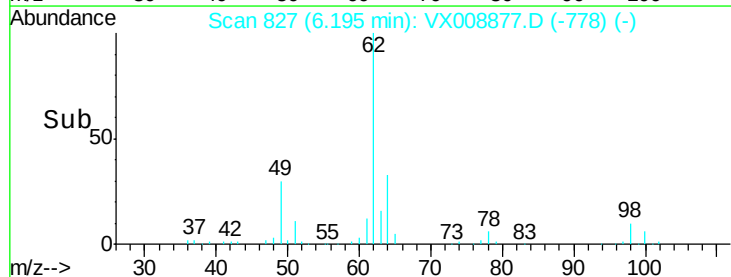
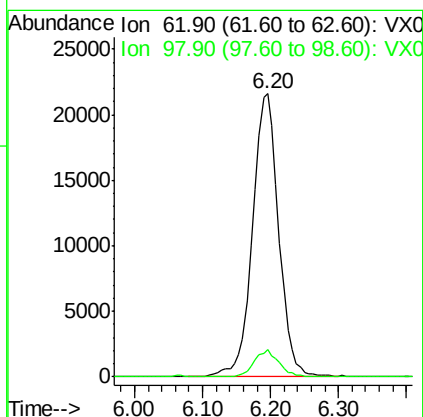
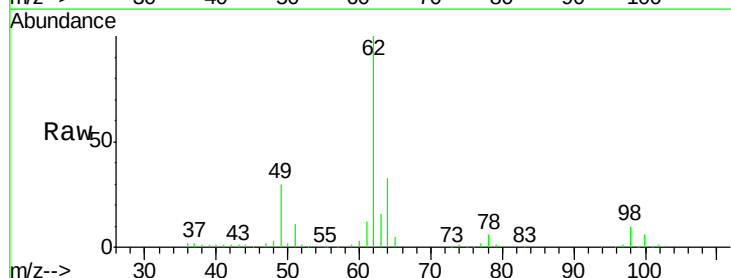
Manual Integrations
APPROVED

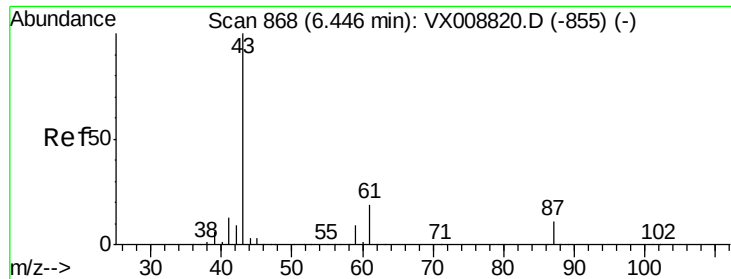
MMDadoda
4/13/2019 2:11:26 PM



#42
1,2-Dichloroethane
Concen: 19.389 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0





#43

Isopropyl Acetate

Concen: 19.889 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

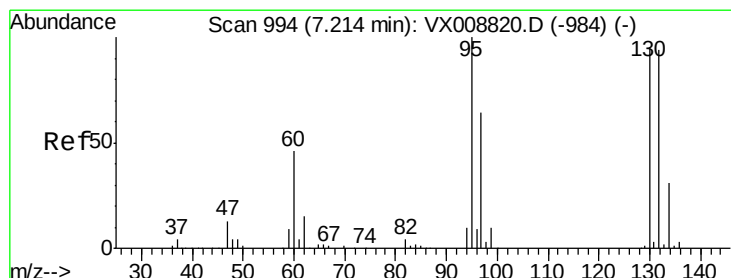
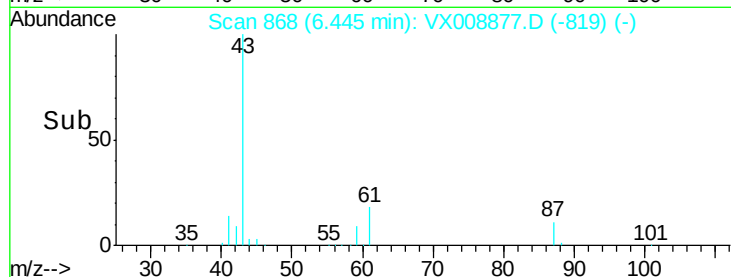
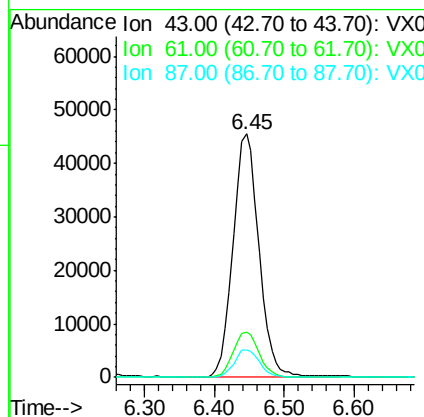
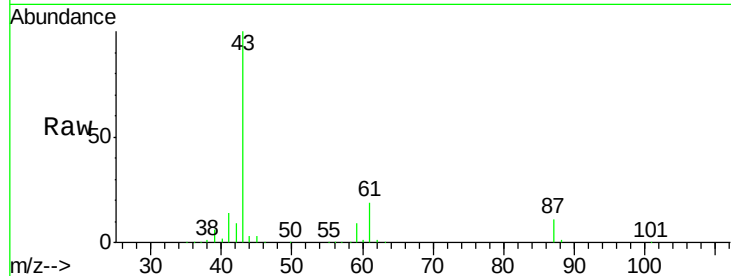
ClientSampleId :

VX0412WBS01

Tgt Ion:	43	Resp:	116836
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.3	22.9
87	11.3	9.0	13.6

Manual Integrations
APPROVED

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#44

Trichloroethene

Concen: 19.256 ug/l

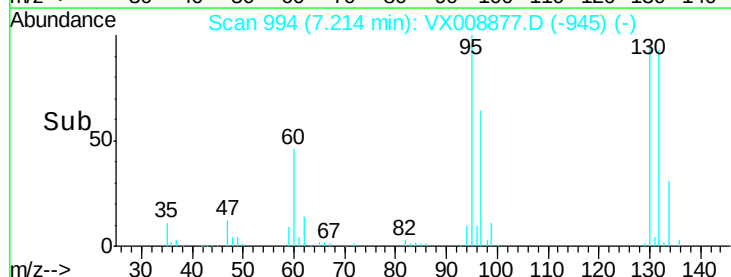
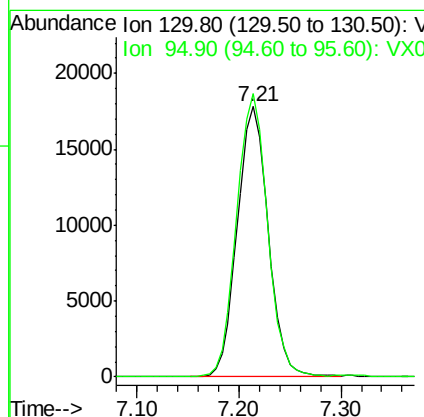
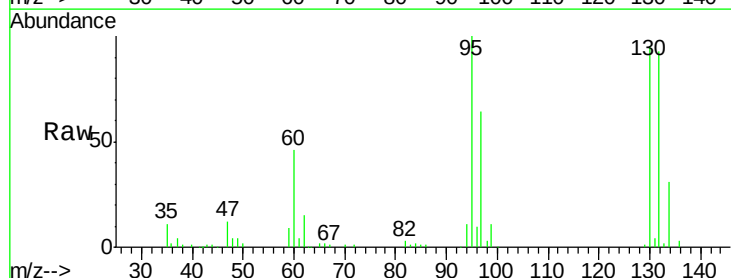
RT: 7.21 min Scan# 994

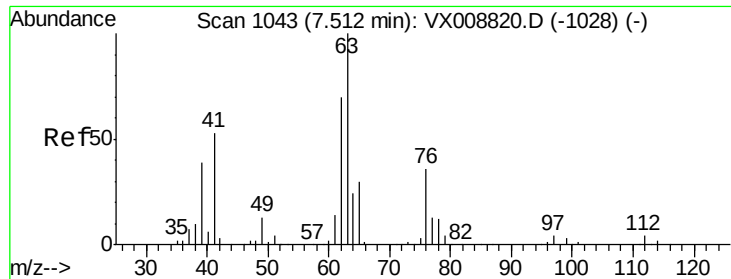
Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Tgt Ion:	130	Resp:	37537
Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	209.8





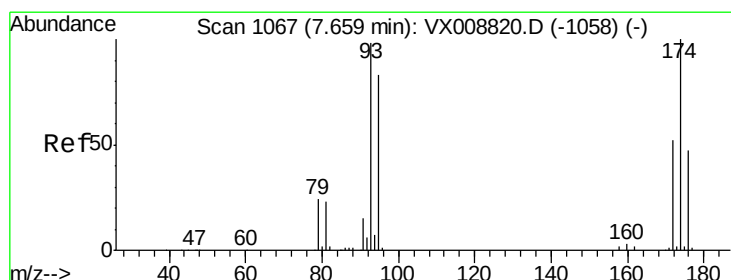
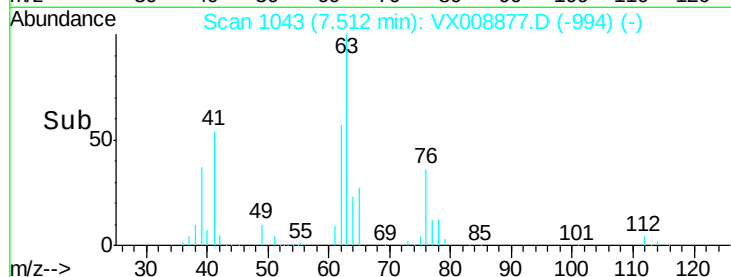
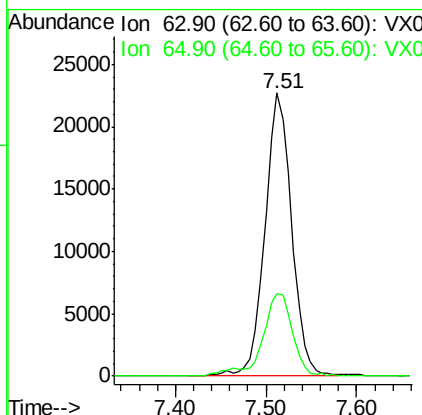
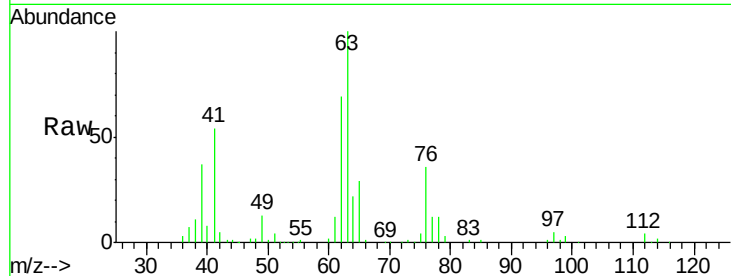
#45
 1,2-Dichloropropane
 Concen: 19.368 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tgt Ion: 63 Resp: 46270
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.2 36.4

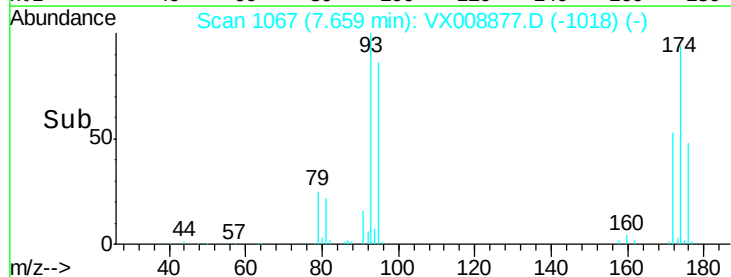
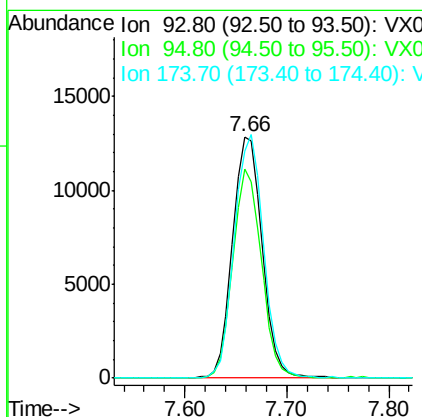
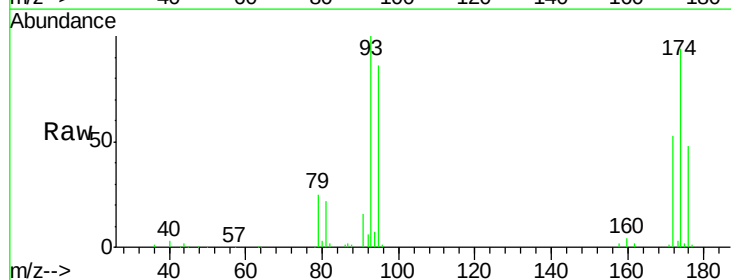
Manual Integrations
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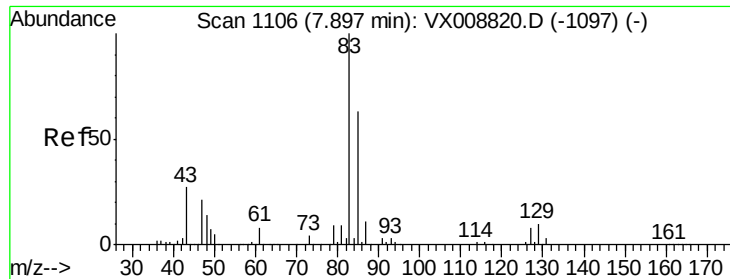
MMDadoda
 4/13/2019 2:11:26 PM



#46
 Dibromomethane
 Concen: 18.650 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion: 93 Resp: 25841
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 99.8
 174 99.4 77.7 116.5





#47

Bromodichloromethane

Concen: 19.503 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

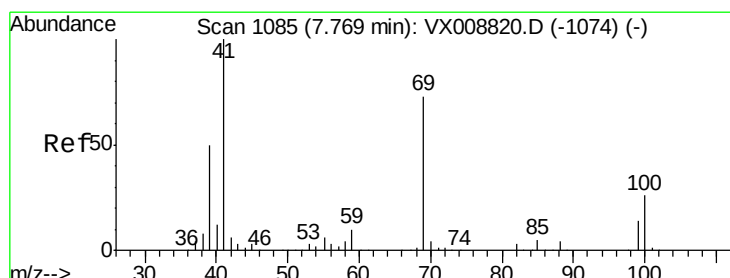
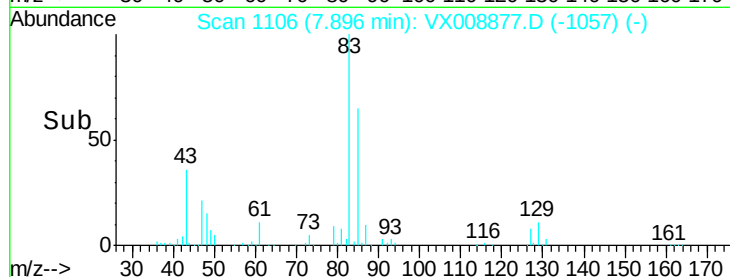
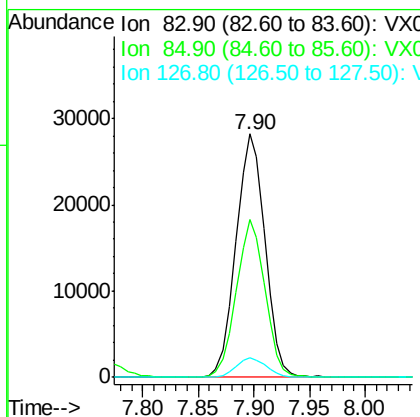
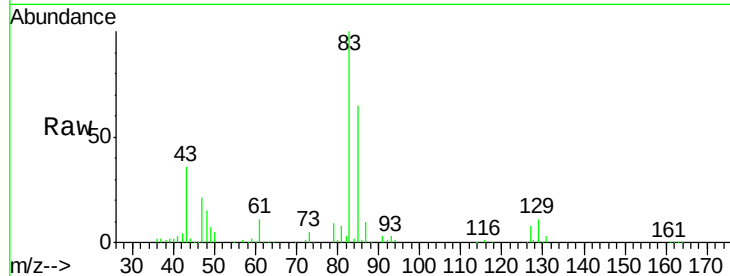
ClientSampleId :

VX0412WBS01

Tgt Ion:	83	Resp:	50950
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.2	76.8
127	8.0	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.172 ug/l

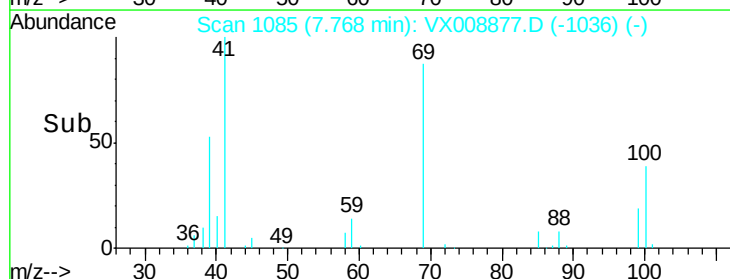
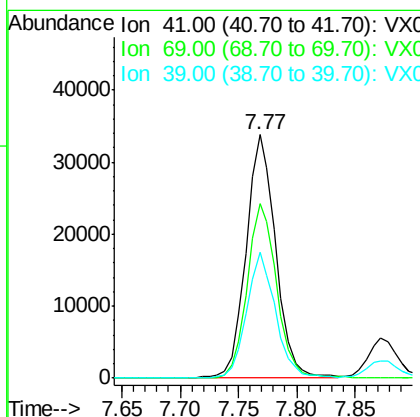
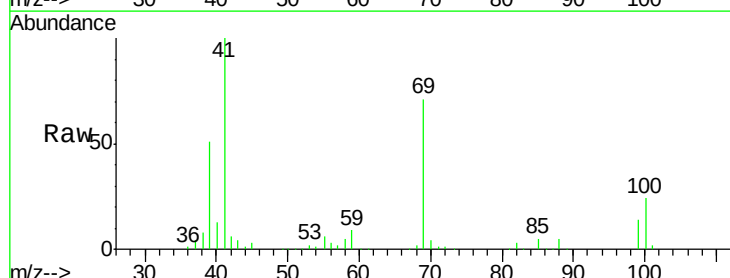
RT: 7.77 min Scan# 1085

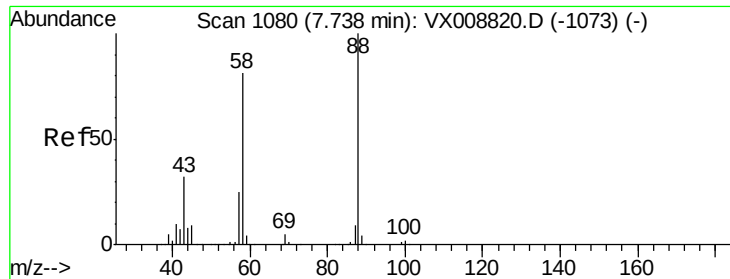
Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Tgt Ion:	41	Resp:	59943
Ion	Ratio	Lower	Upper
41	100		
69	71.8	59.0	88.4
39	50.6	41.0	61.4





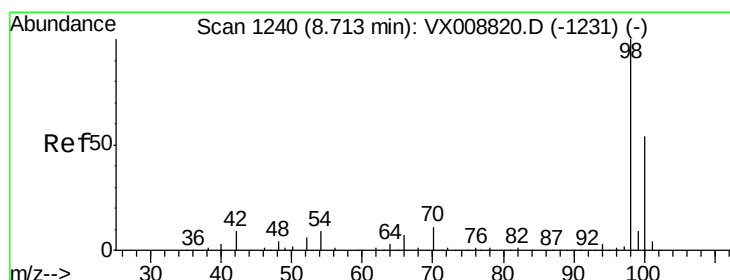
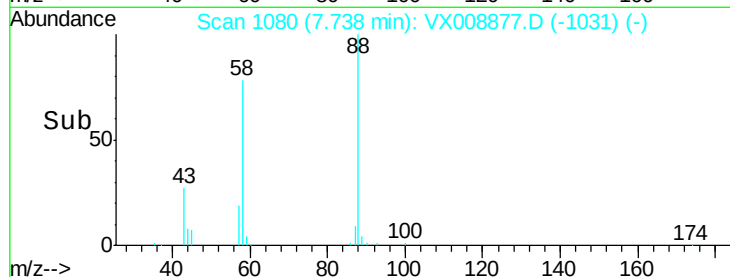
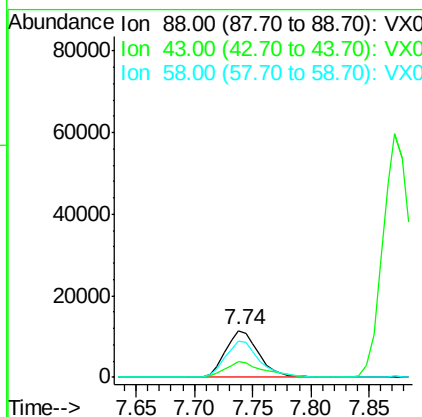
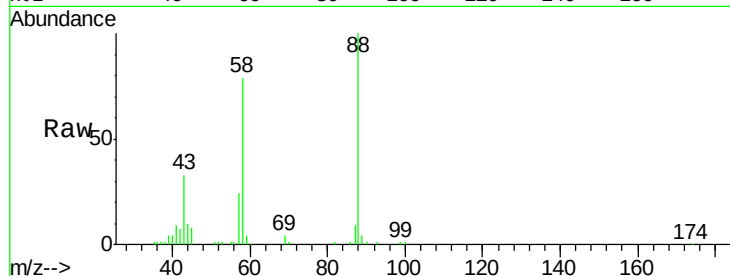
#49
1,4-Dioxane
Concen: 411.570 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.2	28.6	43.0
58	79.9	62.2	93.2

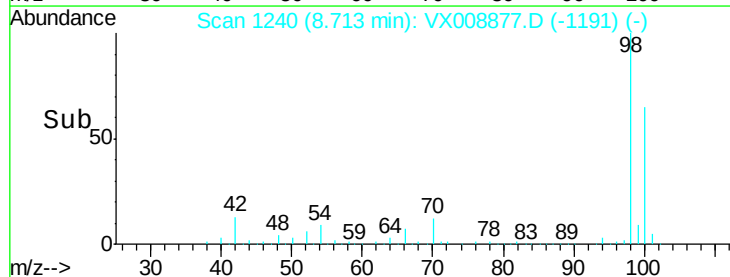
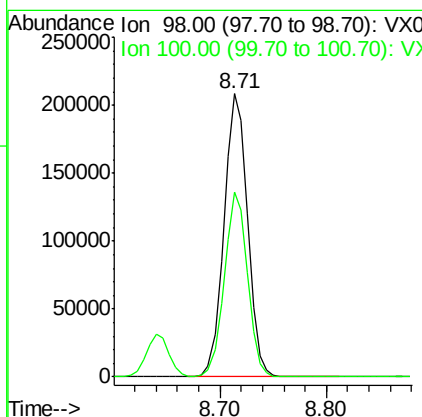
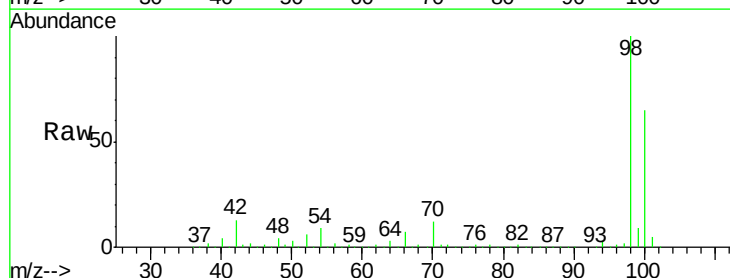
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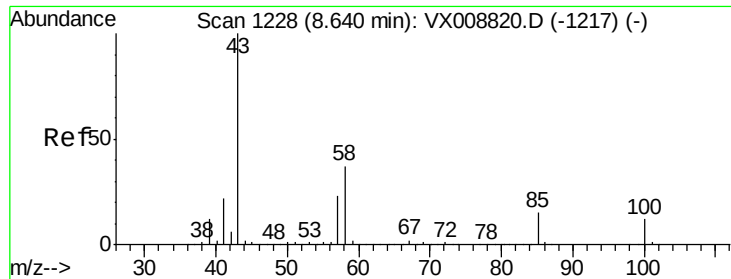
MMDadoda
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#50
Toluene-d8
Concen: 49.356 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 103.633 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion: 43 Resp: 391906

Ion Ratio Lower Upper

43 100

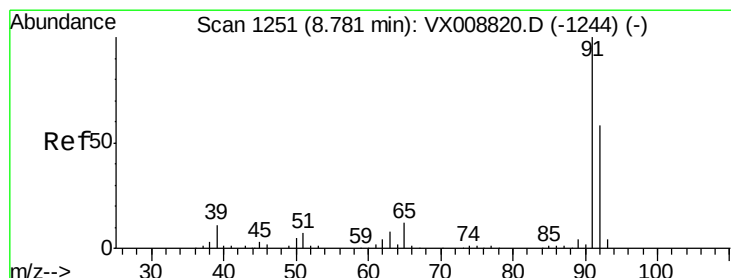
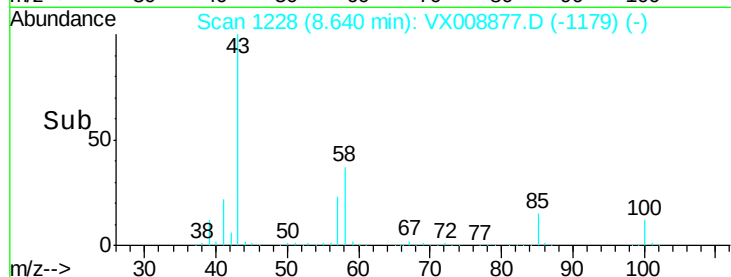
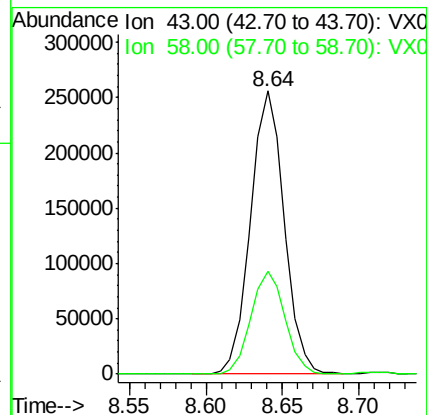
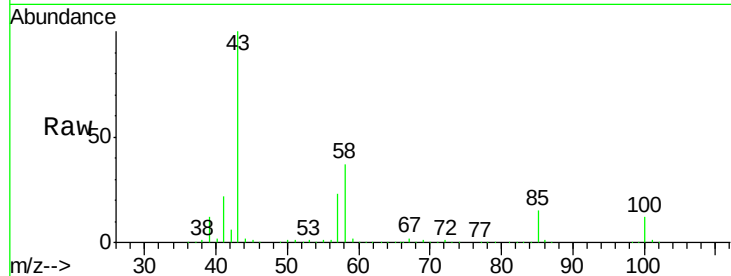
58 36.7 29.5 44.3

Manual Integrations

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#52

Toluene

Concen: 20.082 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008877.D

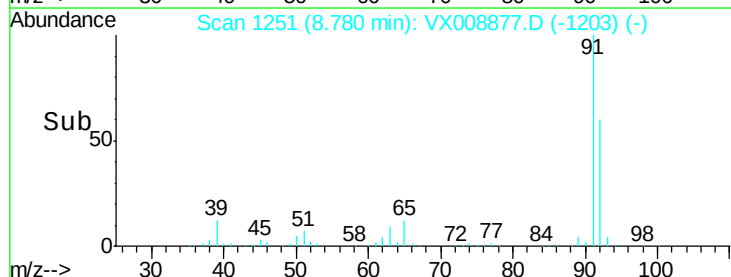
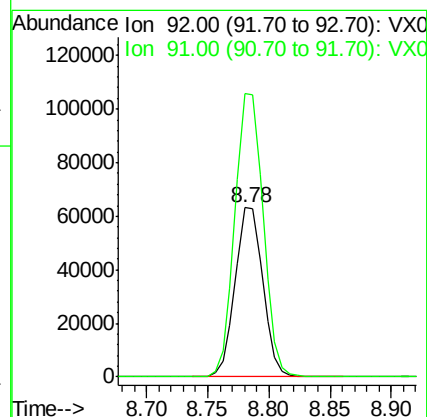
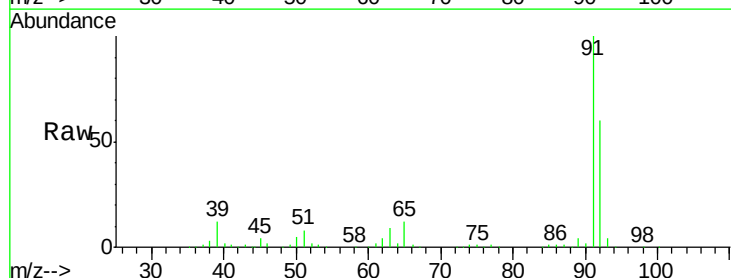
Acq: 12 Apr 2019 11:37

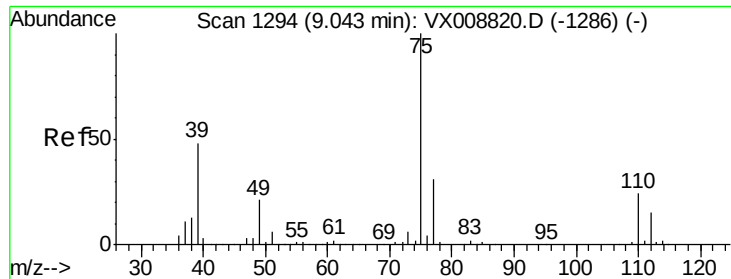
Tgt Ion: 92 Resp: 99092

Ion Ratio Lower Upper

92 100

91 170.7 138.5 207.7





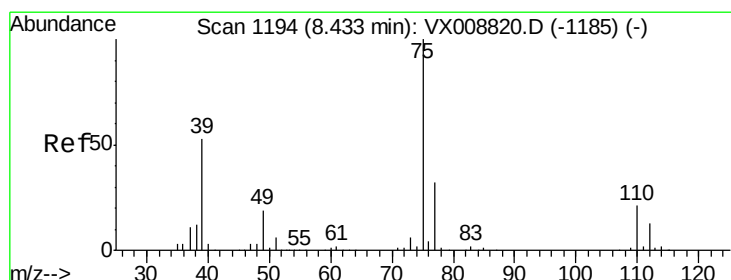
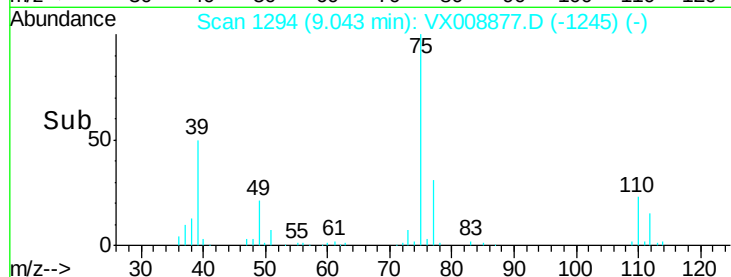
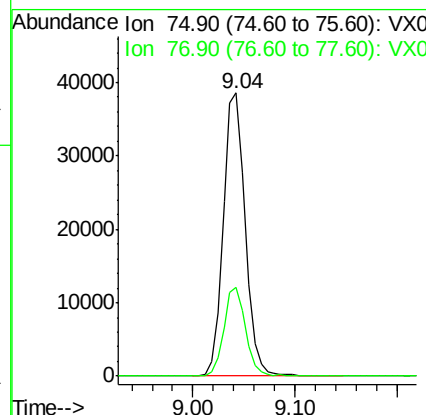
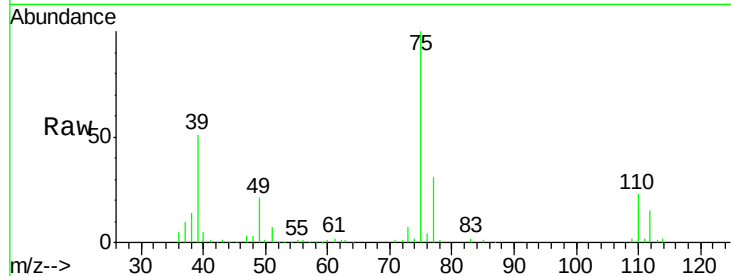
#53
 t-1,3-Dichloropropene
 Concen: 19.875 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tgt Ion: 75 Resp: 58161
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8

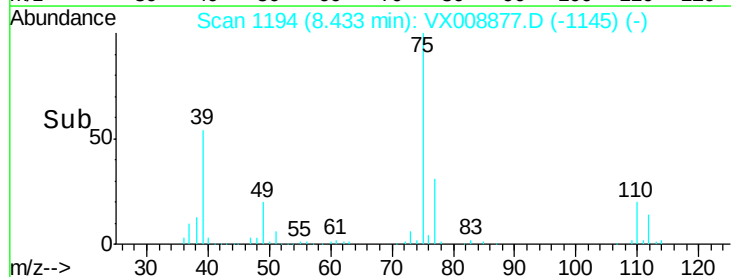
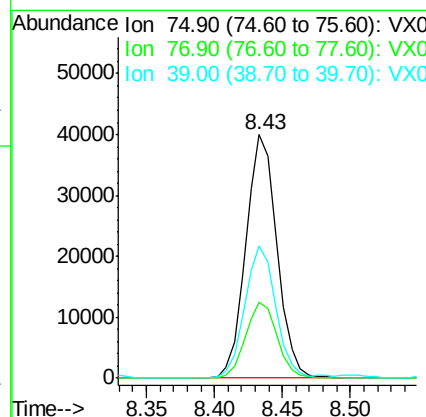
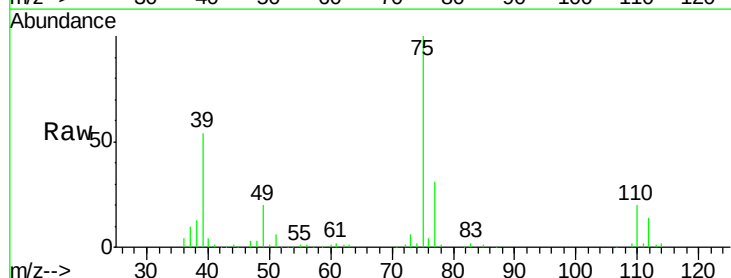
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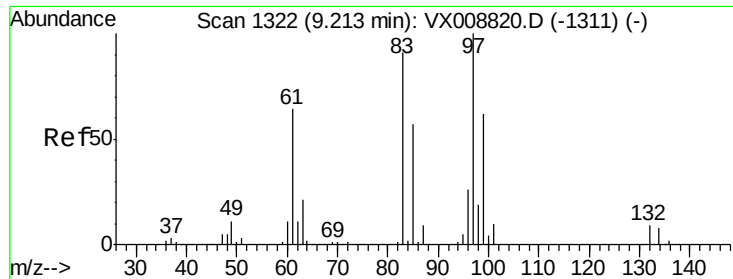
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#54
 cis-1,3-Dichloropropene
 Concen: 19.185 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion: 75 Resp: 64153
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 54.0 42.6 63.8





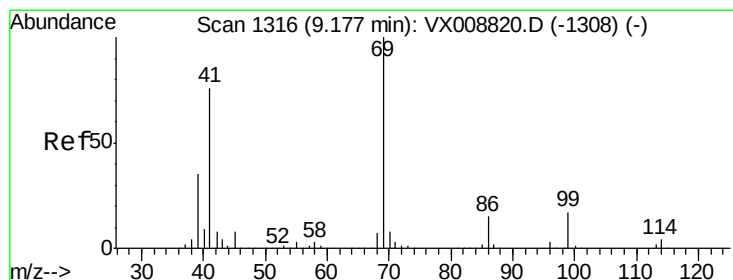
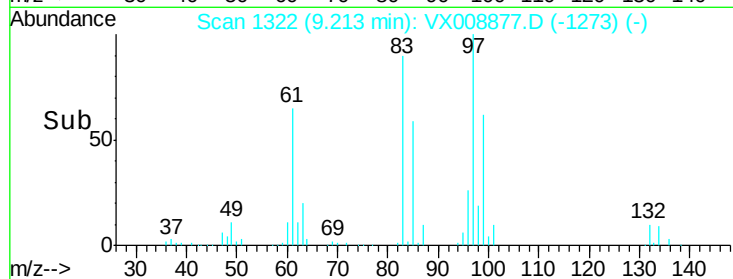
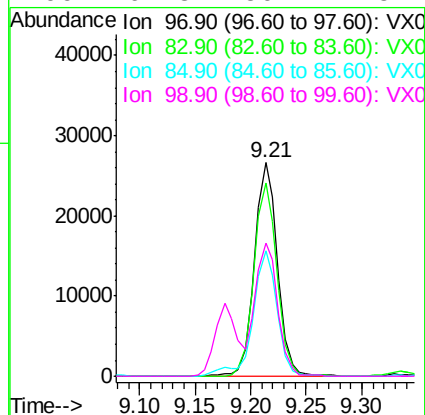
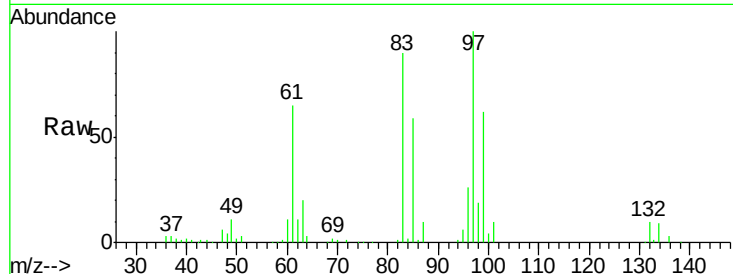
#55
 1,1,2-Trichloroethane
 Concen: 19.384 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	38395		
83	90.3	73.2	109.8	
85	58.8	46.6	69.8	
99	62.3	50.1	75.1	

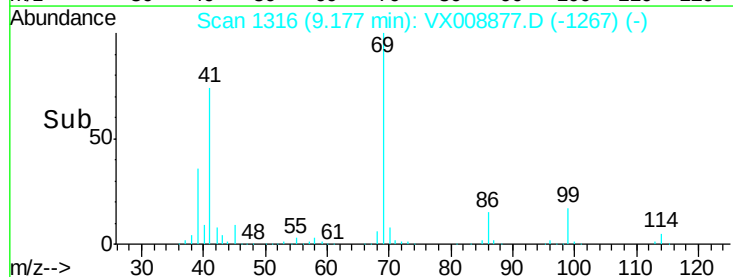
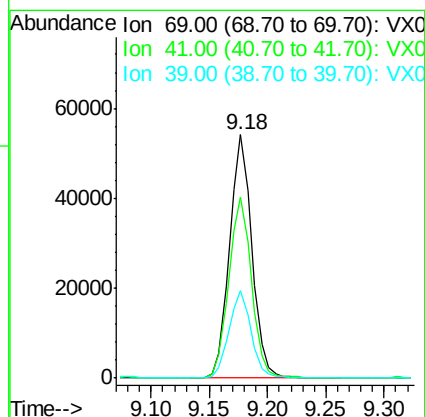
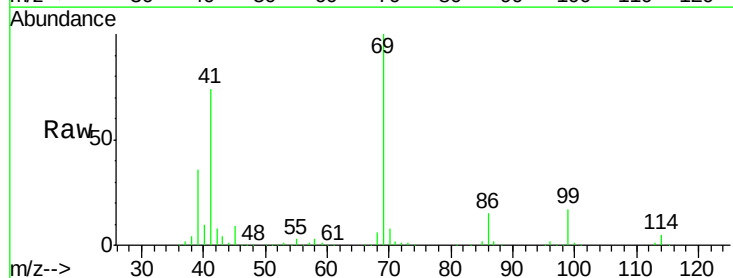
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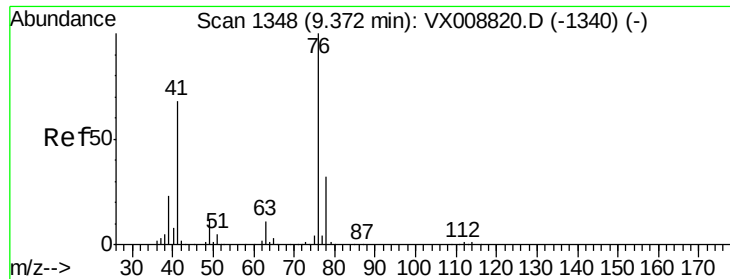
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 20.161 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	72252		
41	75.3	60.1	90.1	
39	35.6	28.9	43.3	





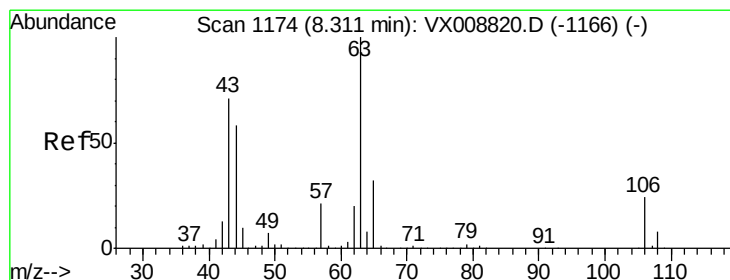
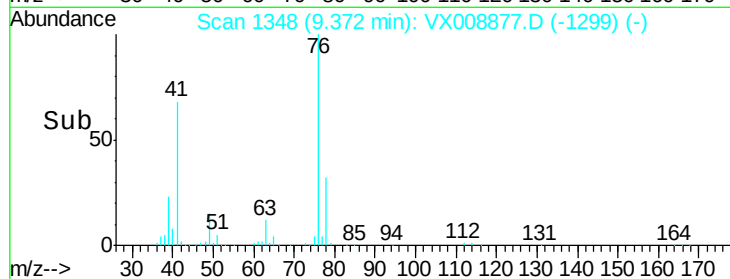
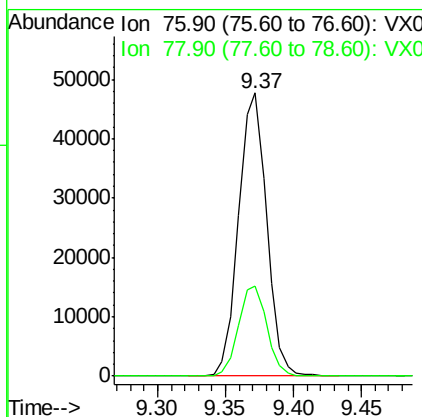
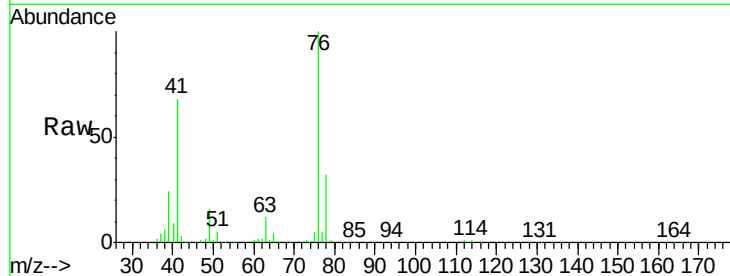
#57
 1,3-Dichloropropane
 Concen: 19.406 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampled :
 VX0412WBS01

Tgt Ion: 76 Resp: 69020
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4

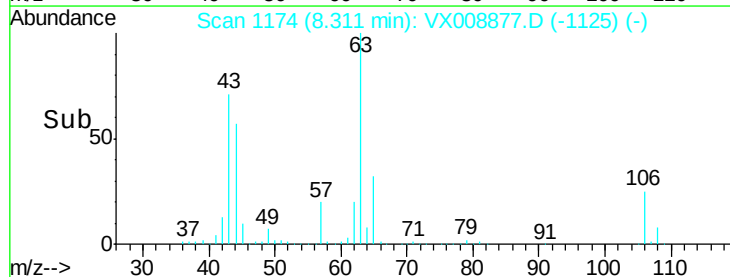
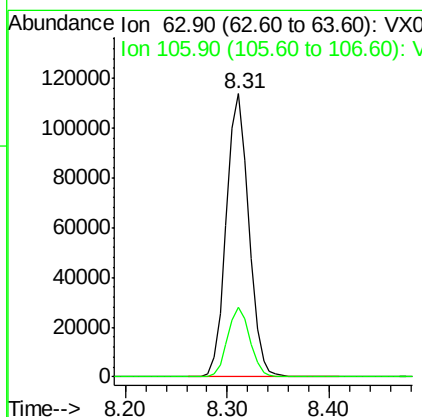
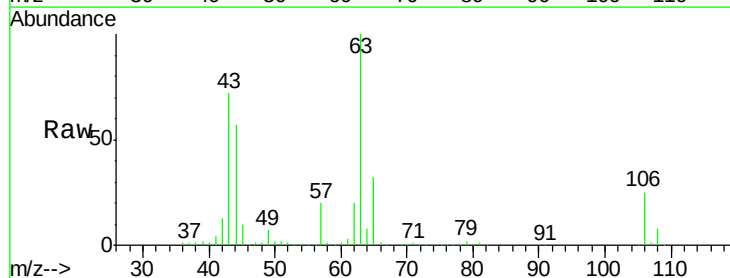
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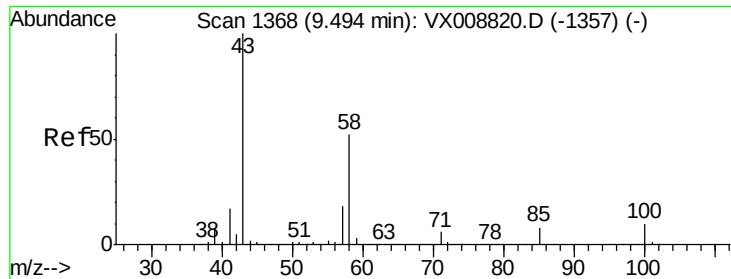
MMDadoda
 4/13/2019 2:11:26 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.337 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion: 63 Resp: 174462
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.0 28.6





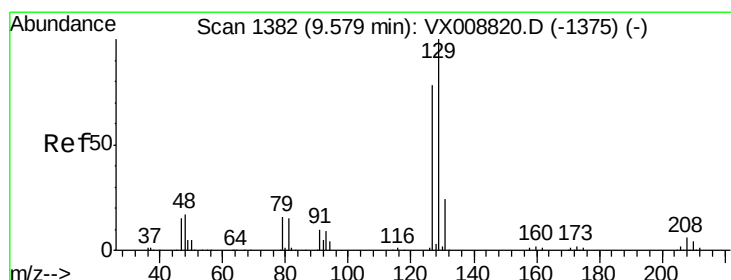
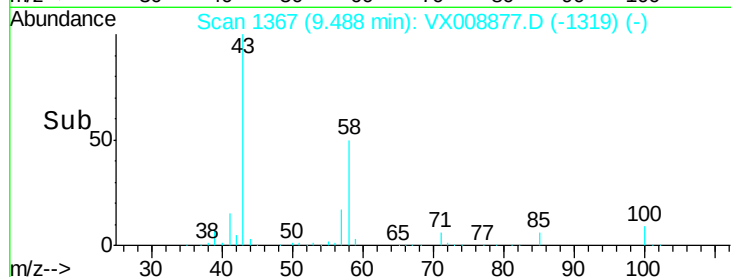
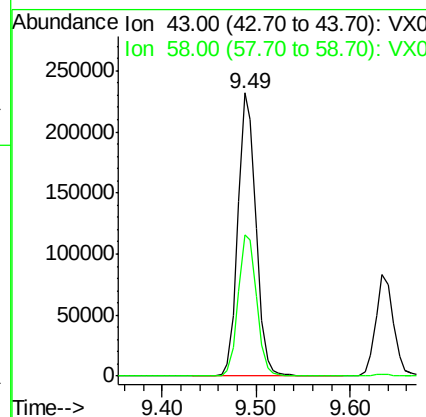
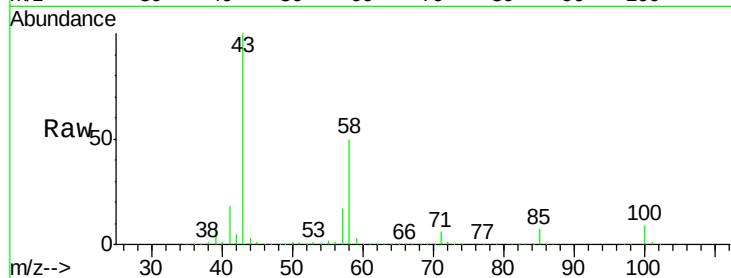
#59
2-Hexanone
Concen: 104.249 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion: 43 Resp: 306378
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7

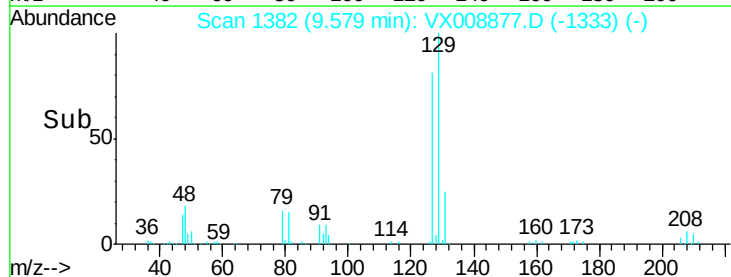
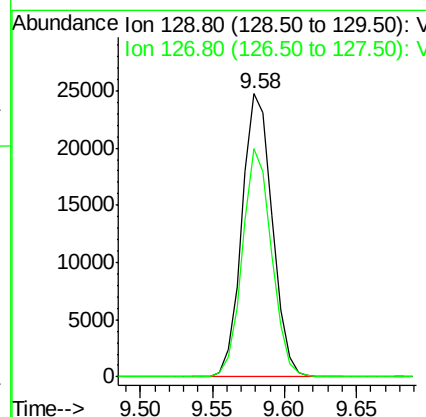
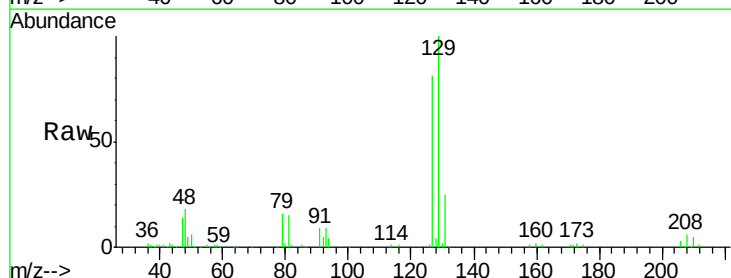
Manual Integrations
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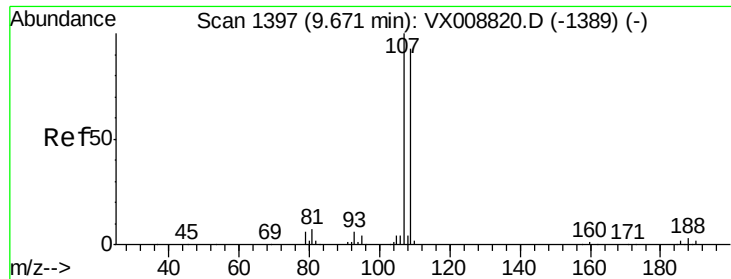
MMDadoda
4/13/2019 2:11:26 PM



#60
Dibromochloromethane
Concen: 19.392 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion: 129 Resp: 36194
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.253 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion: 107 Resp: 39699

Ion Ratio Lower Upper

107 100

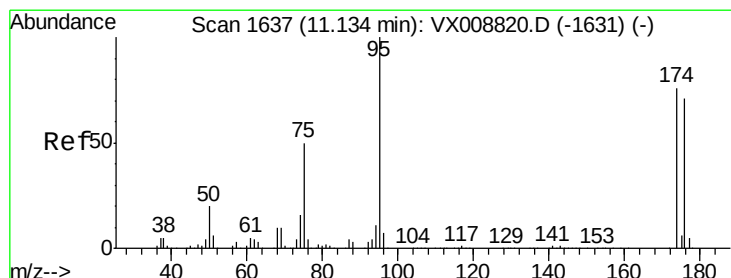
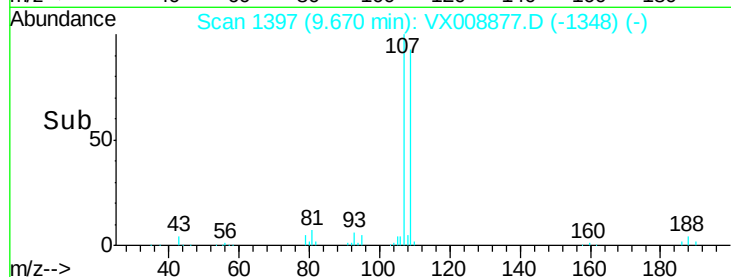
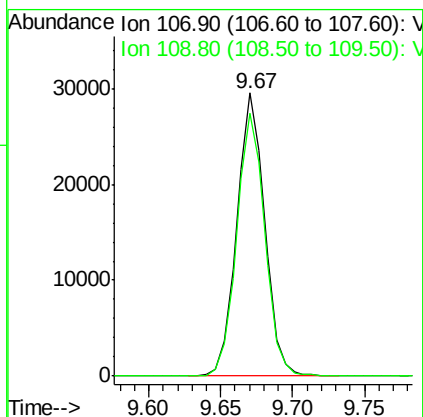
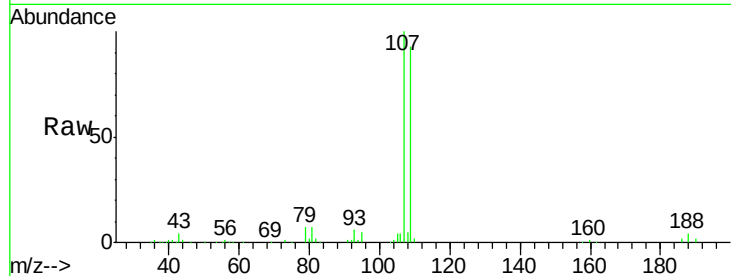
109 94.0 74.1 111.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.588 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

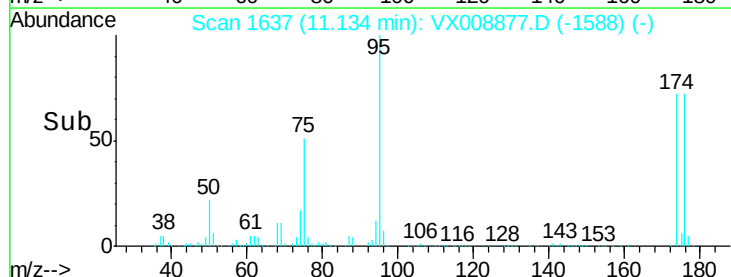
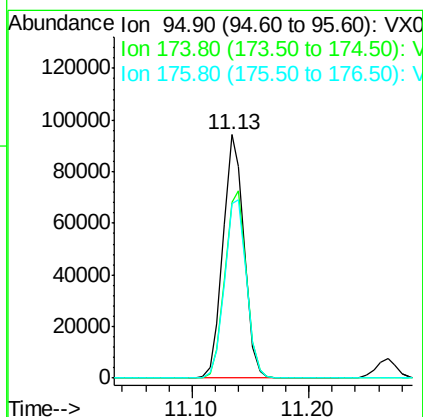
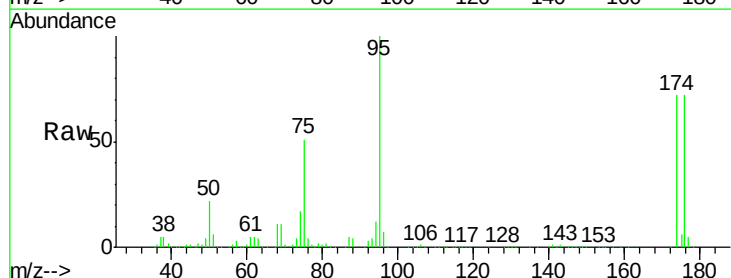
Tgt Ion: 95 Resp: 117380

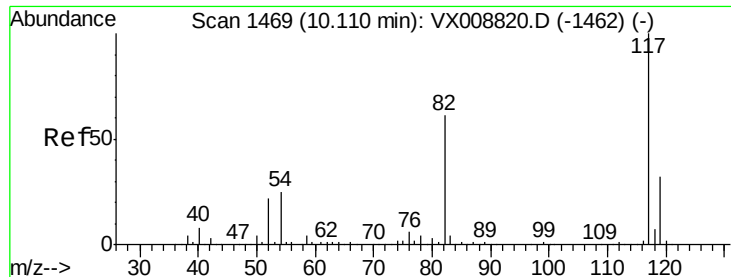
Ion Ratio Lower Upper

95 100

174 78.5 0.0 151.8

176 76.4 0.0 145.8





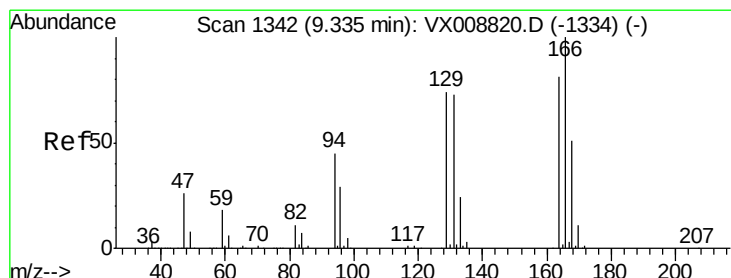
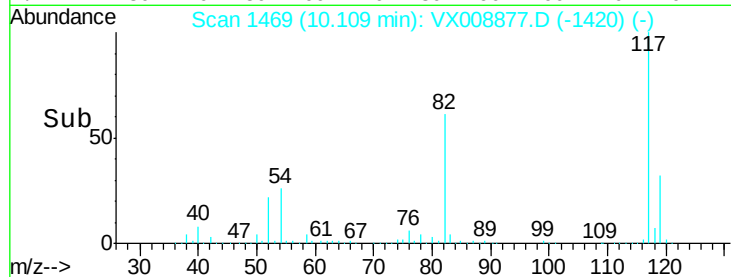
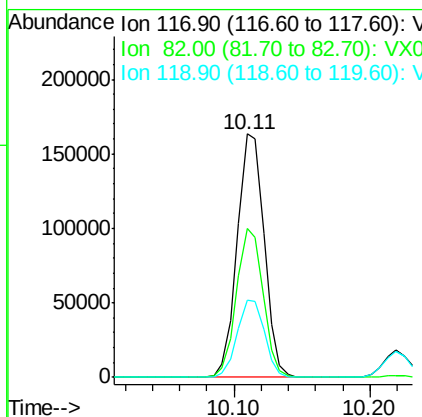
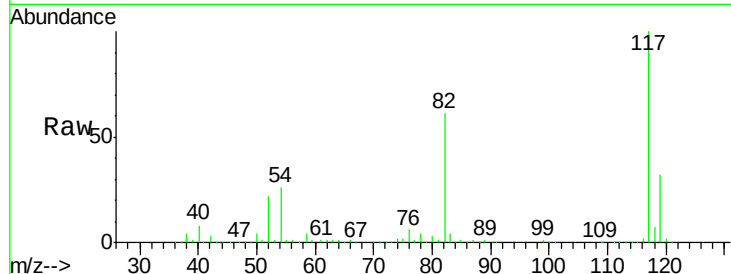
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	226230		
82	61.3	49.6	74.4	
119	31.8	25.0	37.4	

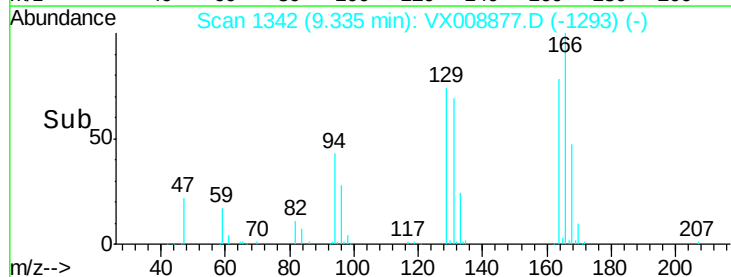
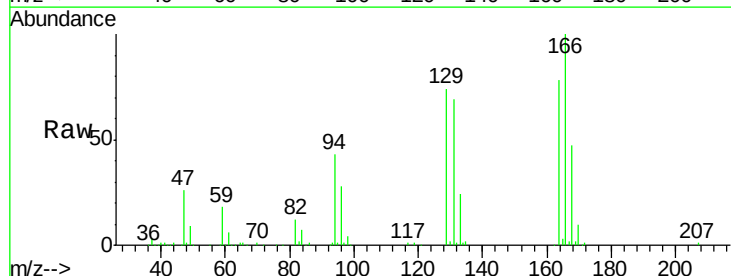
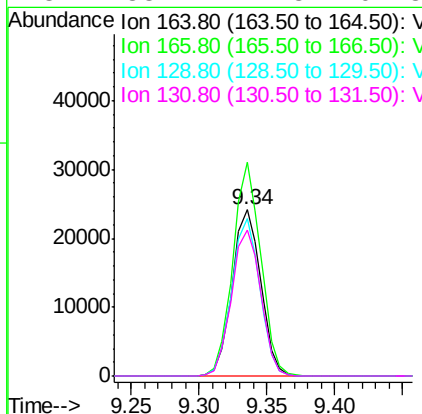
Manual Integrations
APPROVED

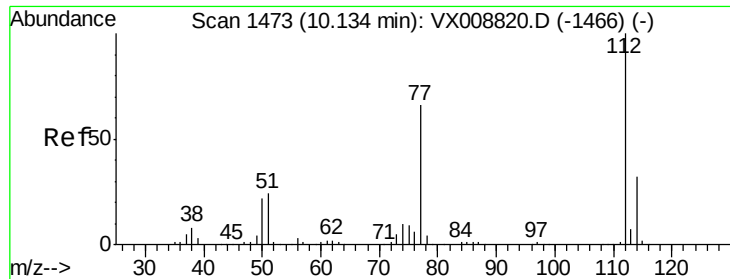
MMDadoda
4/13/2019 2:11:26 PM



#64
Tetrachloroethene
Concen: 21.065 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	35308		
166	128.6	101.0	151.6	
129	95.1	75.8	113.8	
131	88.1	71.8	107.8	





#65

Chlorobenzene

Concen: 19.735 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion:112 Resp: 98967

Ion Ratio Lower Upper

112 100

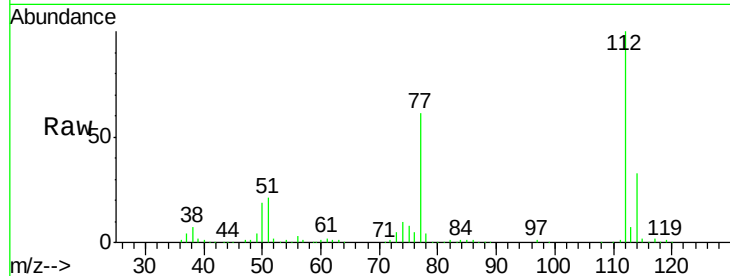
114 32.5 25.8 38.8

Manual Integrations

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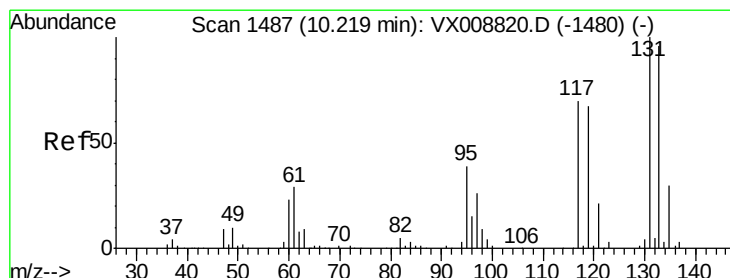
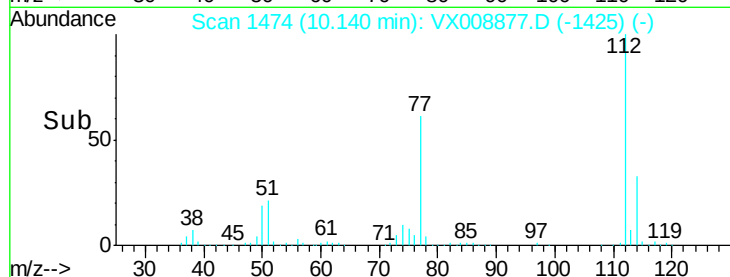
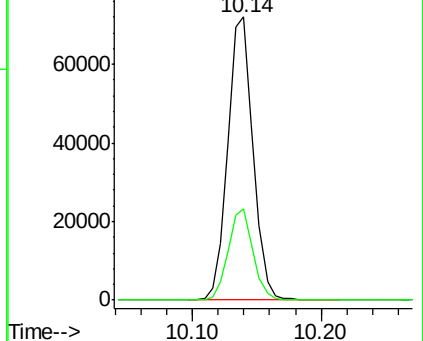
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.945 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

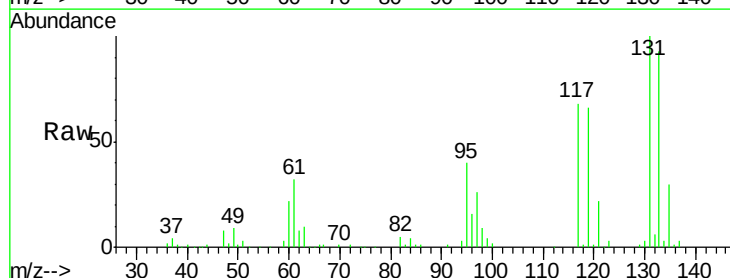
Tgt Ion:131 Resp: 35089

Ion Ratio Lower Upper

131 100

133 93.5 47.0 141.2

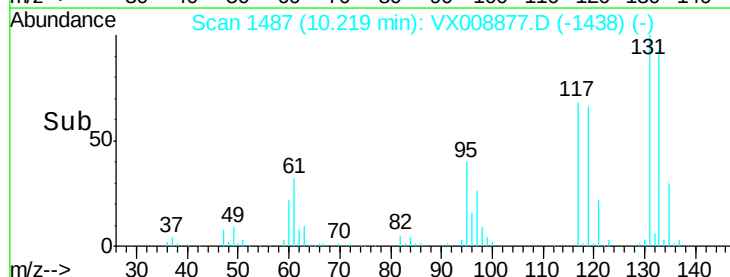
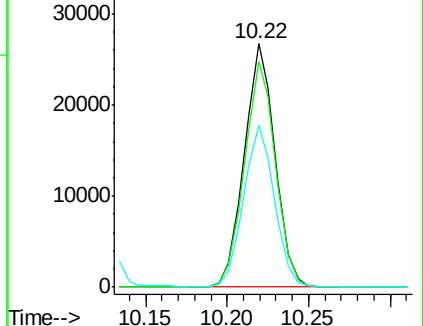
119 66.7 33.7 101.0

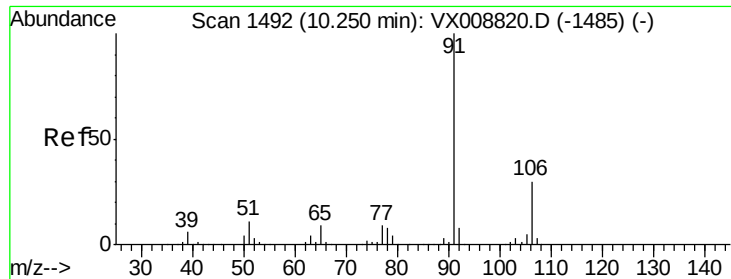


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.977 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion: 91 Resp: 186807

Ion Ratio Lower Upper

91 100

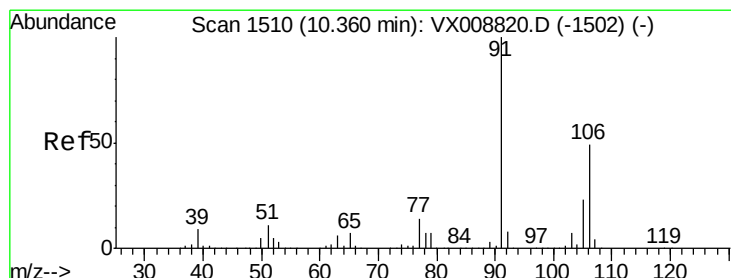
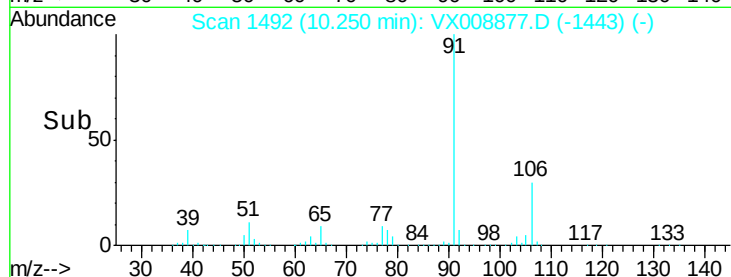
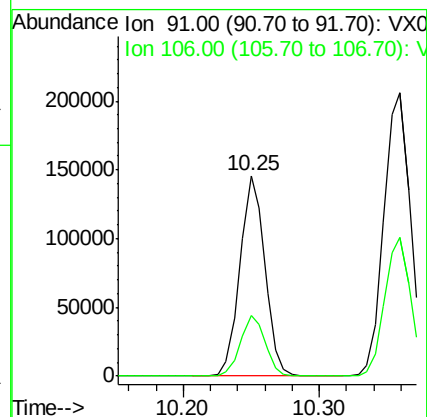
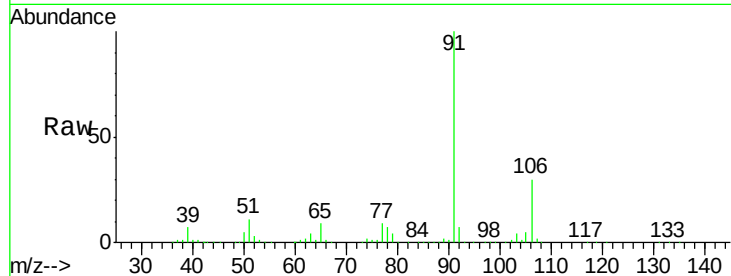
106 30.0 23.7 35.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.137 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008877.D

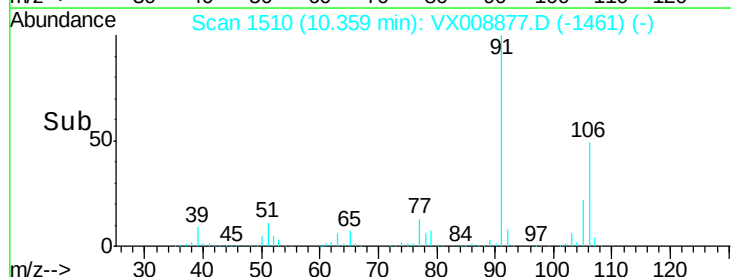
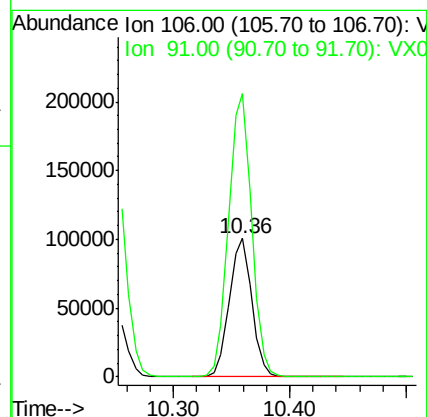
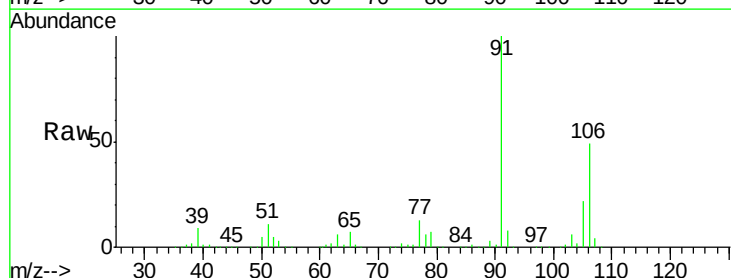
Acq: 12 Apr 2019 11:37

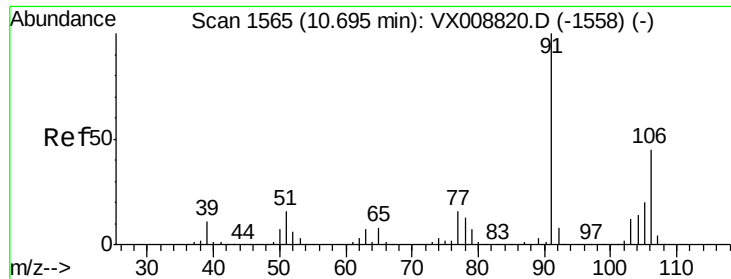
Tgt Ion: 106 Resp: 134947

Ion Ratio Lower Upper

106 100

91 208.4 168.5 252.7





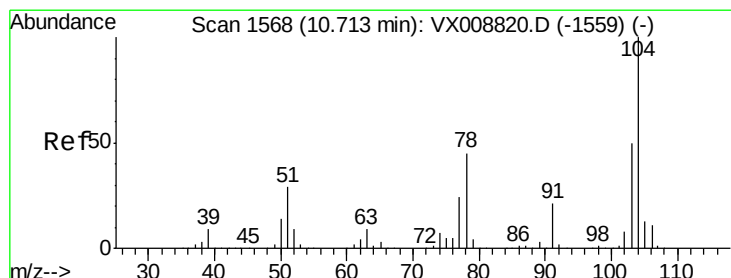
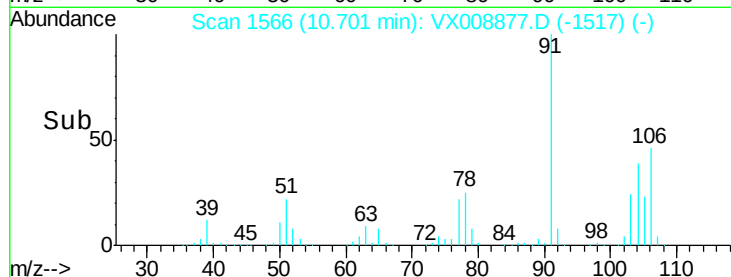
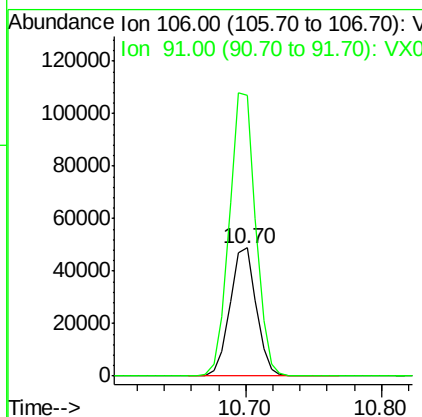
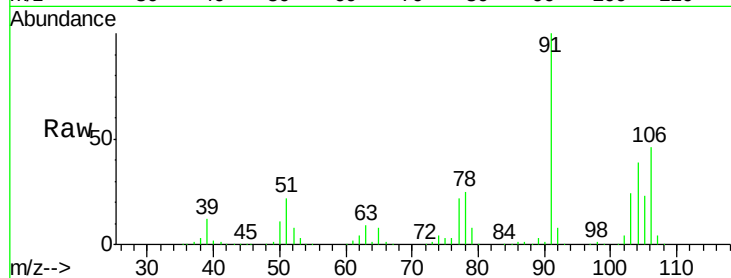
#69
o-Xylene
Concen: 20.098 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion:106 Resp: 65487
Ion Ratio Lower Upper
106 100
91 221.5 111.5 334.4

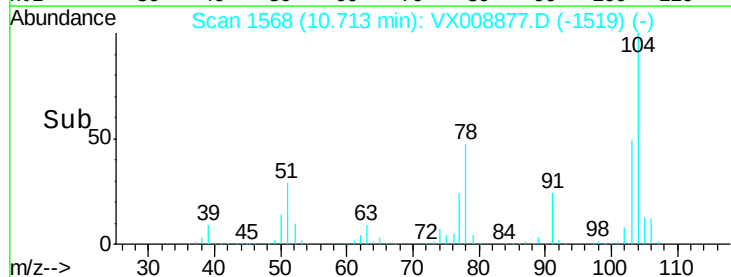
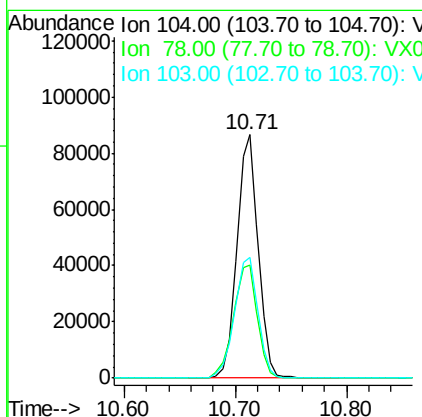
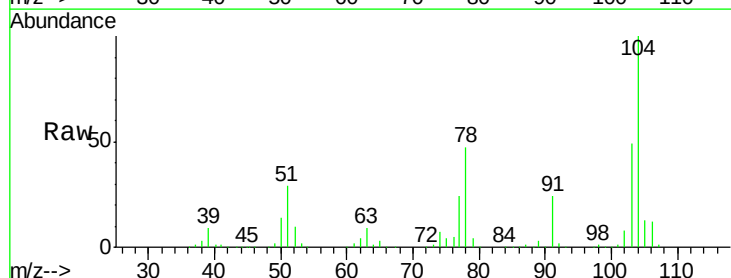
Manual Integrations
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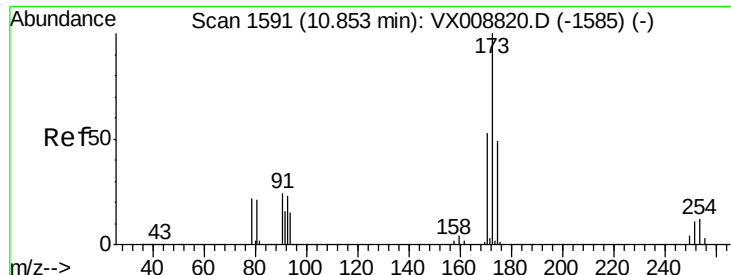
MMDadoda
4/13/2019 2:11:26 PM



#70
Styrene
Concen: 20.290 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion:104 Resp: 113960
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 54.8 44.4 66.6





#71

Bromoform

Concen: 20.061 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion:173 Resp: 26955

Ion Ratio Lower Upper

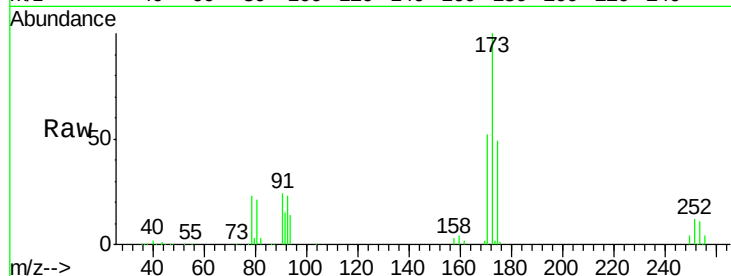
173 100

175 49.1 24.9 74.6

254 0.3 0.1 0.1#

Manual Integrations
APPROVED

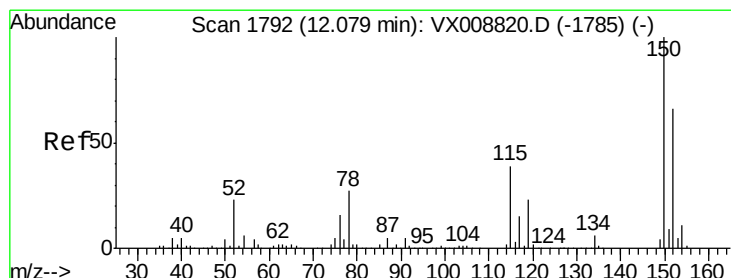
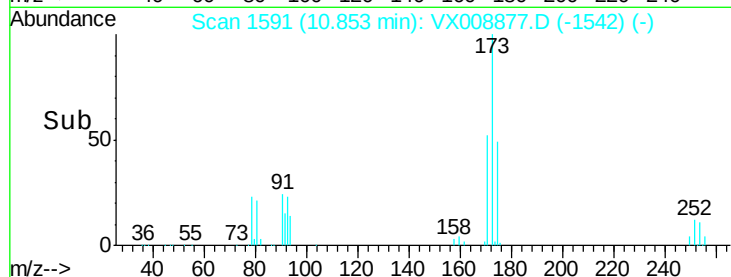
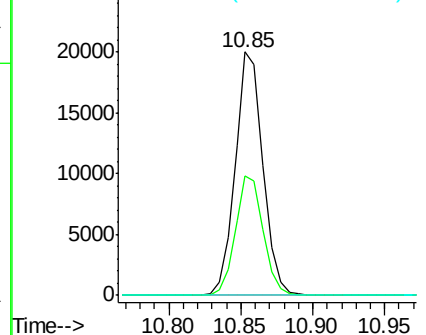
MMDadoda
4/13/2019 2:11:26 PM



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

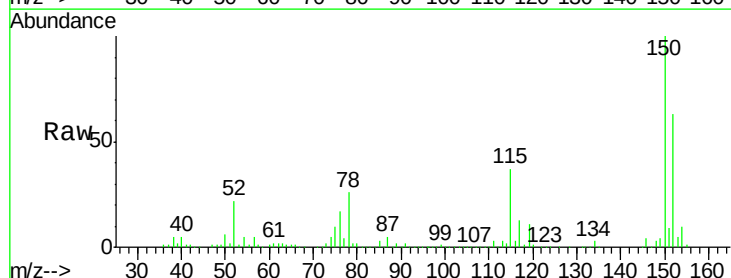
Tgt Ion:152 Resp: 107021

Ion Ratio Lower Upper

152 100

115 68.8 43.5 130.5

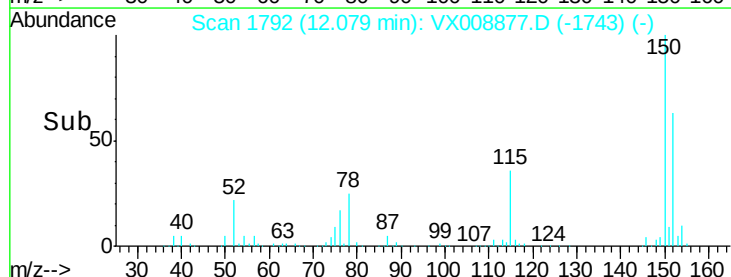
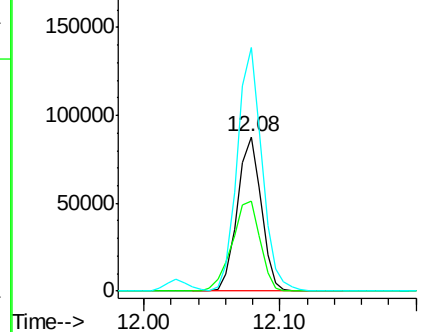
150 164.5 0.0 348.8

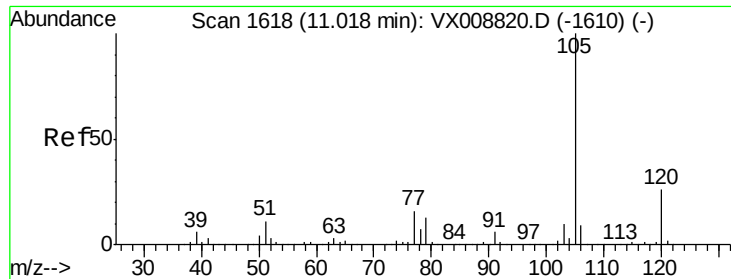


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





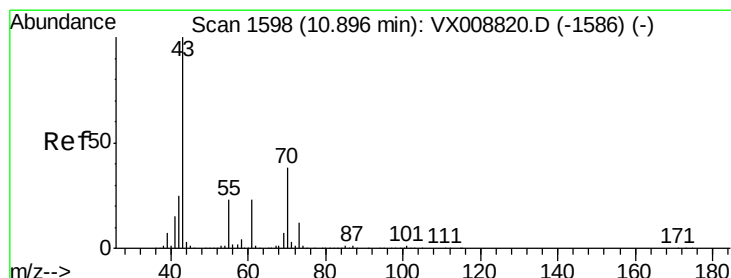
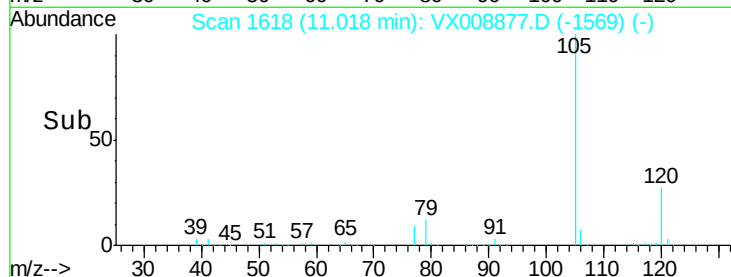
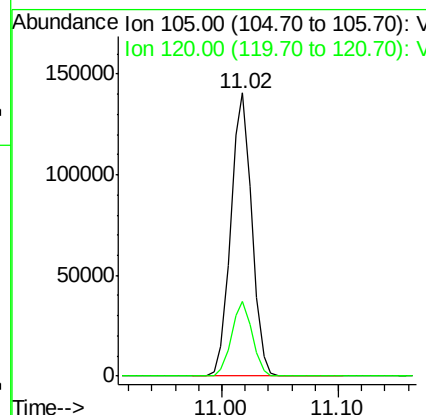
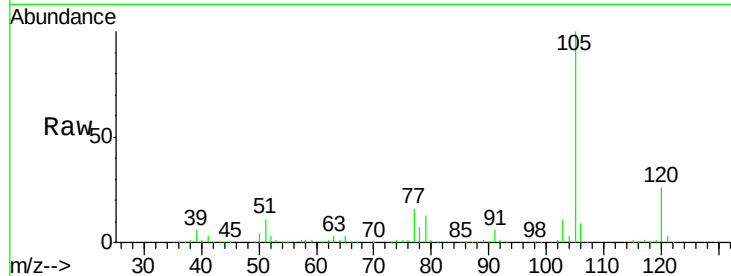
#73
Isopropylbenzene
Concen: 19.785 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion: 105 Resp: 175480
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

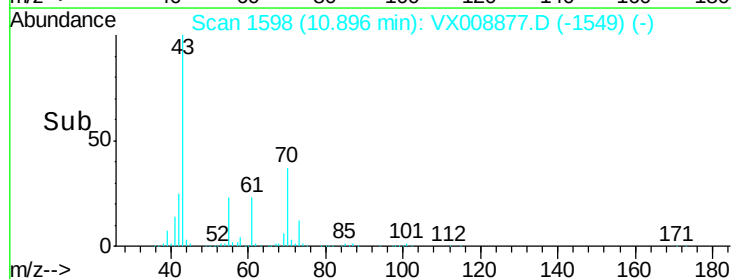
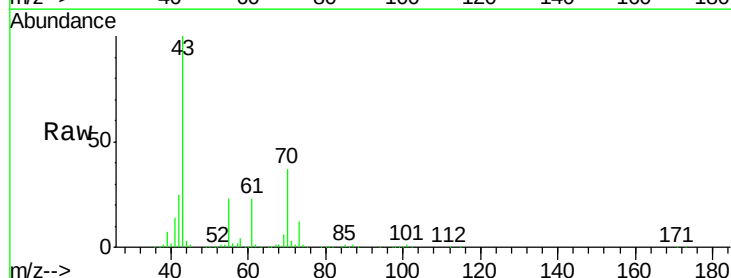
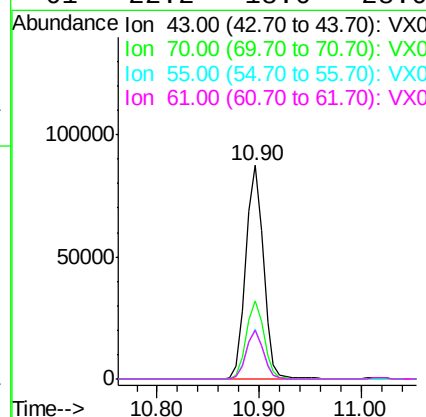
Manual Integrations
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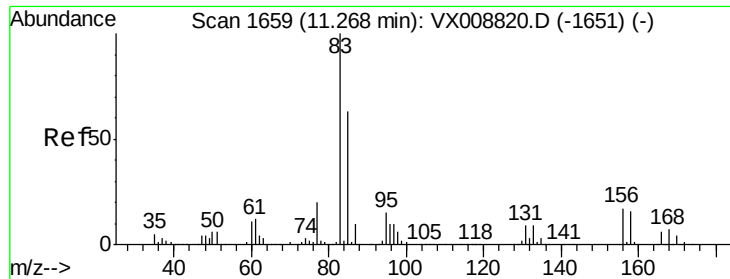
MMDadoda
4/13/2019 2:11:26 PM



#74
N-ethyl acetate
Concen: 20.011 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion: 43 Resp: 104417
Ion Ratio Lower Upper
43 100
70 36.8 30.2 45.4
55 22.9 18.2 27.4
61 22.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.129 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

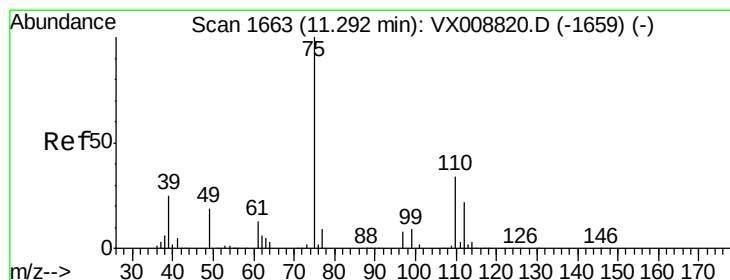
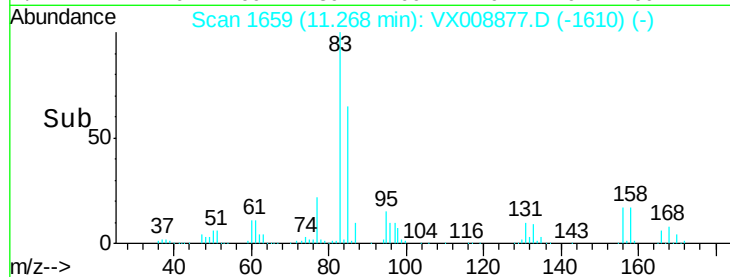
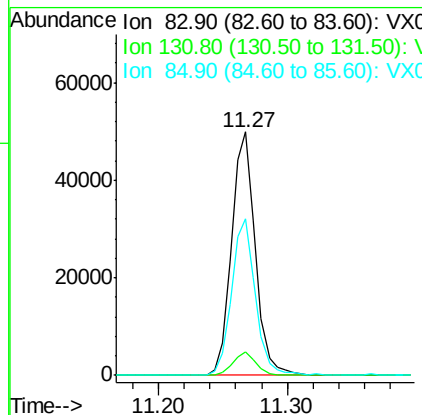
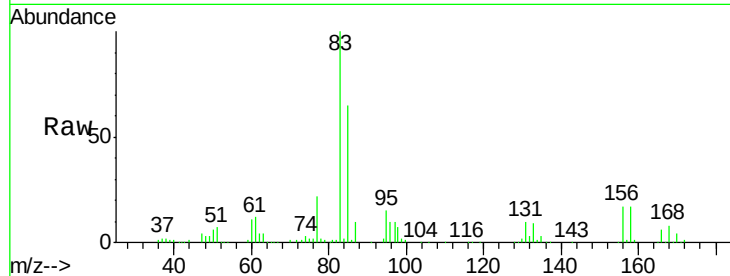
ClientSampleId :

VX0412WBS01

Tgt Ion:	83	Resp:	64523
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.5	13.7
85	64.3	32.0	96.2

Manual Integrations
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4/13/2019 2:11:26 PM



#76

1,2,3-Trichloropropane

Concen: 19.079 ug/l m

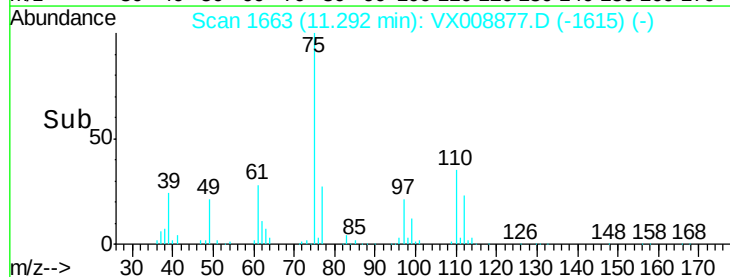
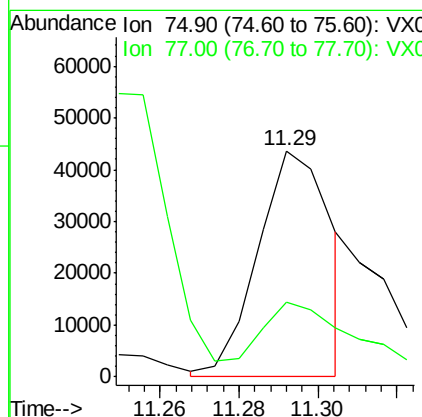
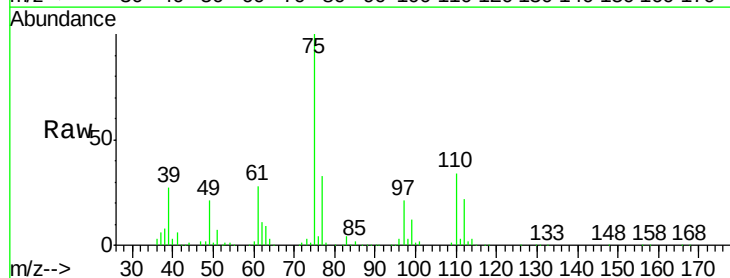
RT: 11.29 min Scan# 1663

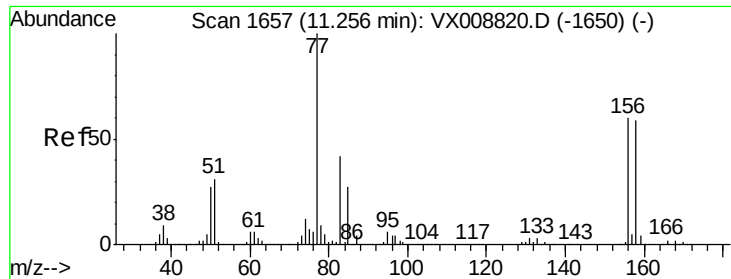
Delta R.T. -0.01 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Tgt Ion:	75	Resp:	56091
Ion Ratio	Lower	Upper	
75	100		
77	44.3	22.3	66.8





#77

Bromobenzene

Concen: 20.026 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

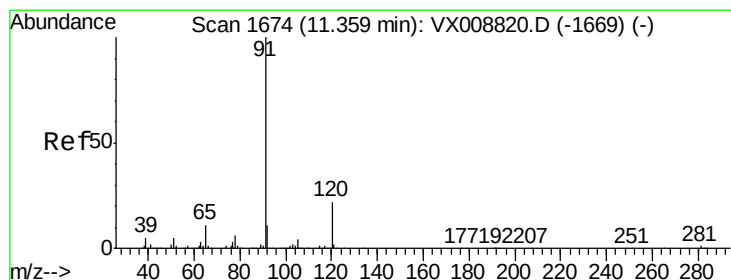
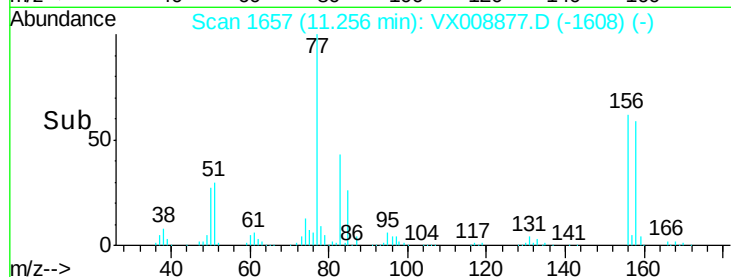
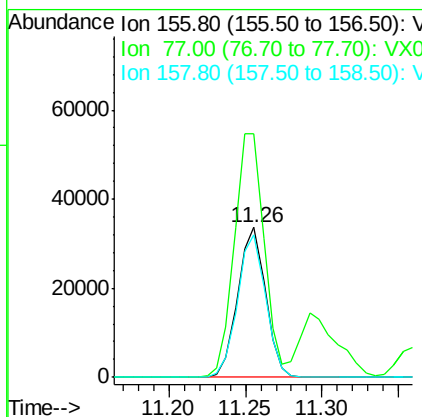
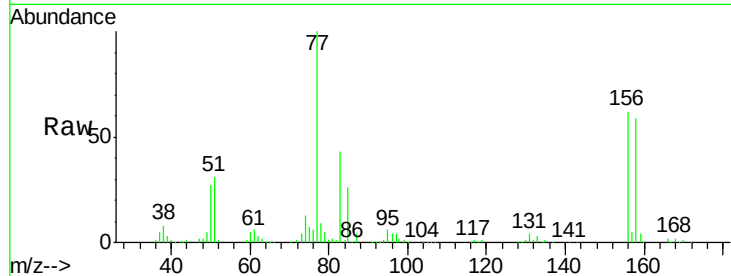
ClientSampleId :

VX0412WBS01

Tgt Ion:	156	Resp:	42699
Ion	Ratio	Lower	Upper
156	100		
77	172.8	89.8	269.6
158	95.7	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 19.456 ug/l

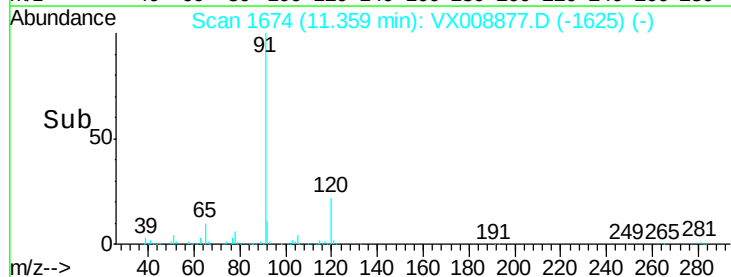
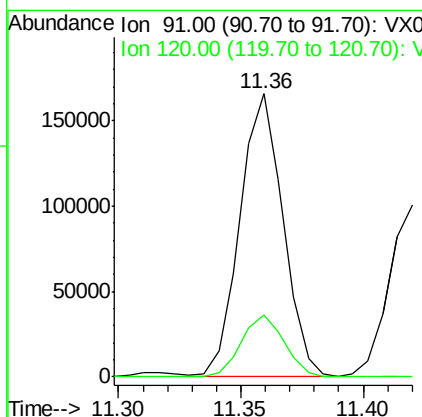
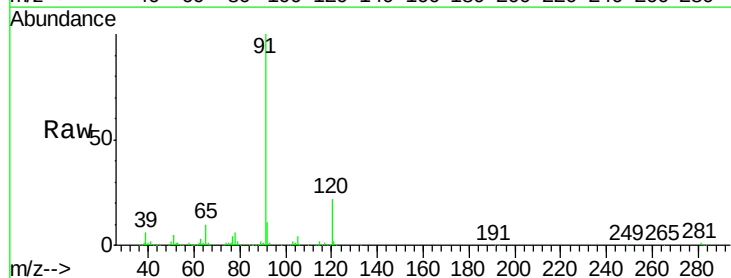
RT: 11.36 min Scan# 1674

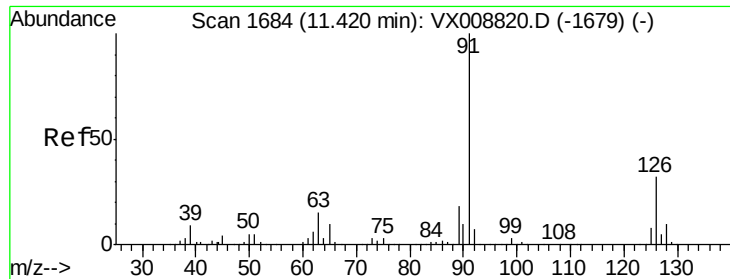
Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Tgt Ion:	91	Resp:	200924
Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.9	32.7





#79

2-Chlorotoluene

Concen: 19.440 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion: 91 Resp: 121488

Ion Ratio Lower Upper

91 100

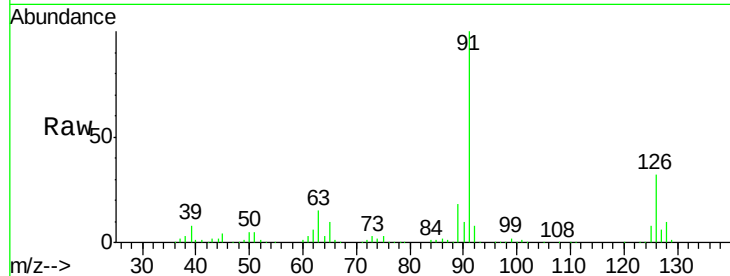
126 31.9 16.1 48.3

Manual Integrations

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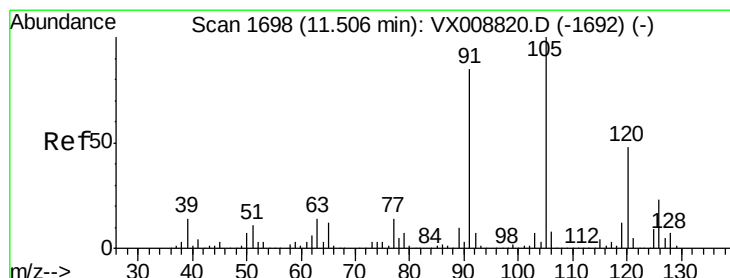
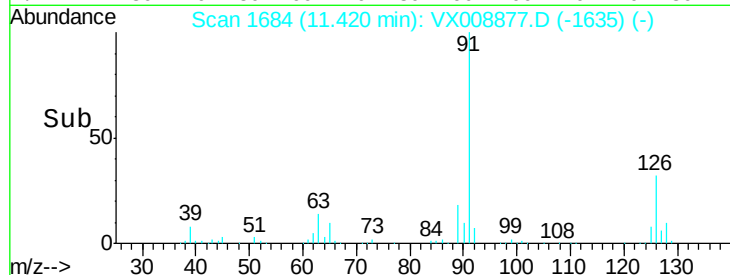
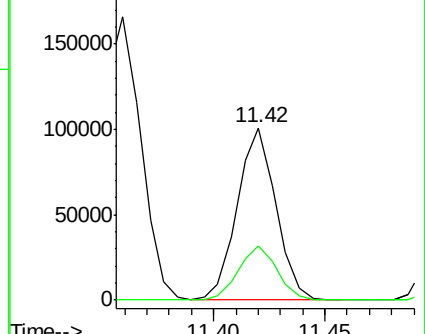
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.631 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008877.D

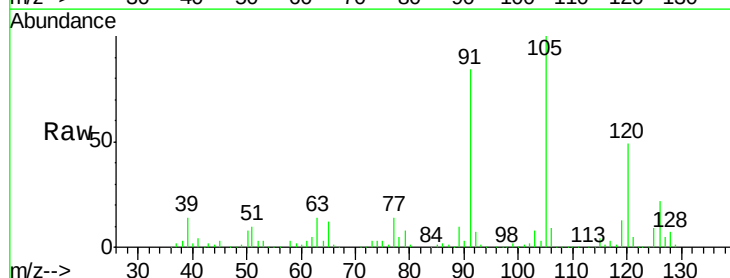
Acq: 12 Apr 2019 11:37

Tgt Ion: 105 Resp: 146148

Ion Ratio Lower Upper

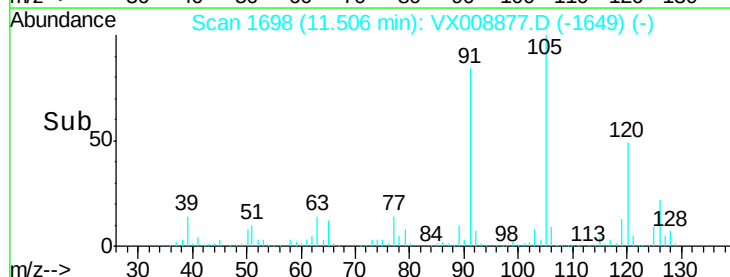
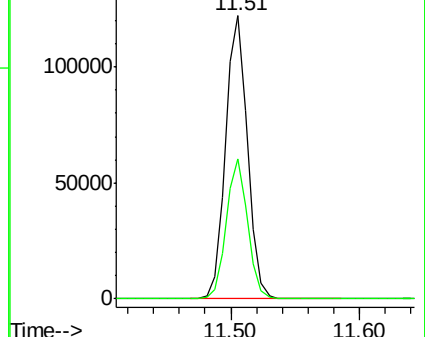
105 100

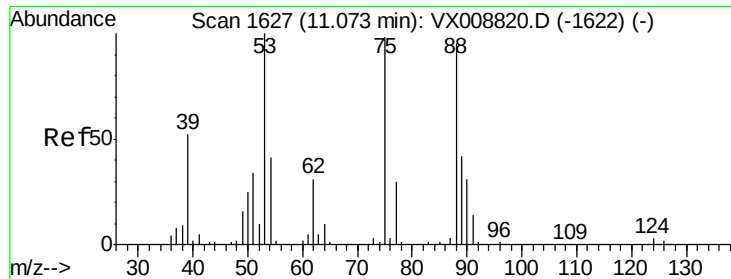
120 48.2 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





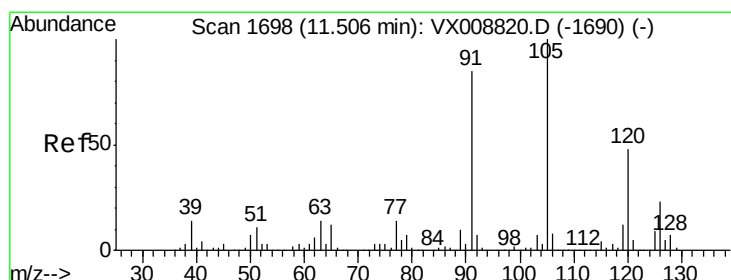
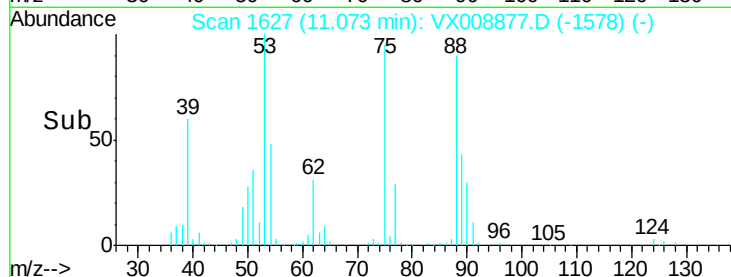
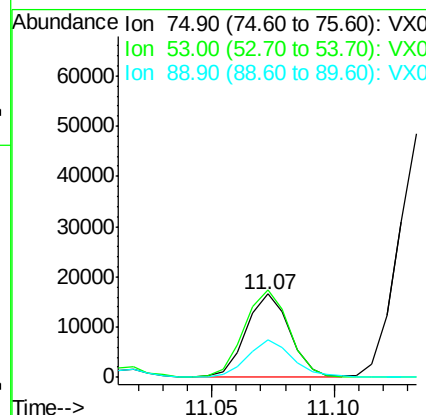
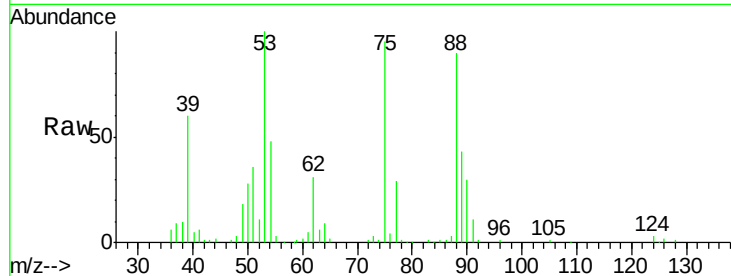
#81
trans-1,4-Dichloro-2-butene
Concen: 19.110 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	110.4	81.3	121.9
89	47.6	35.6	53.4

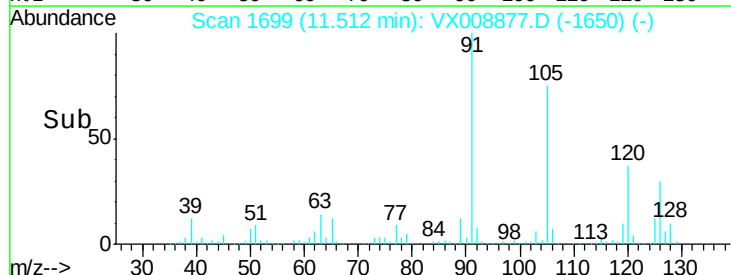
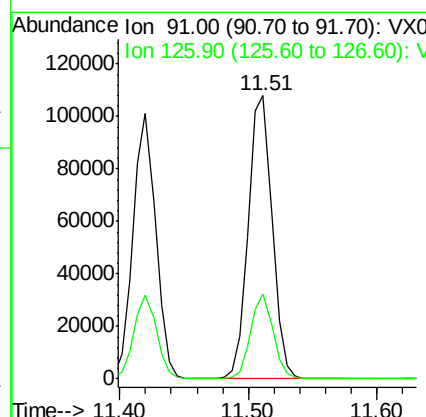
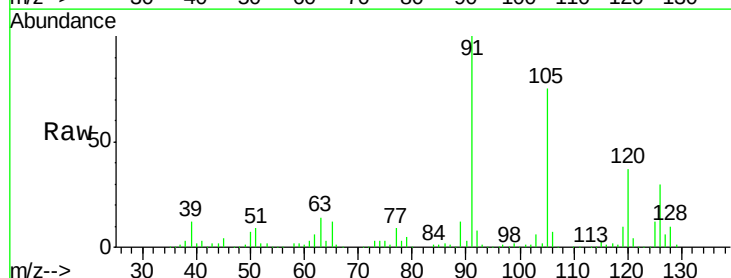
Manual Integrations
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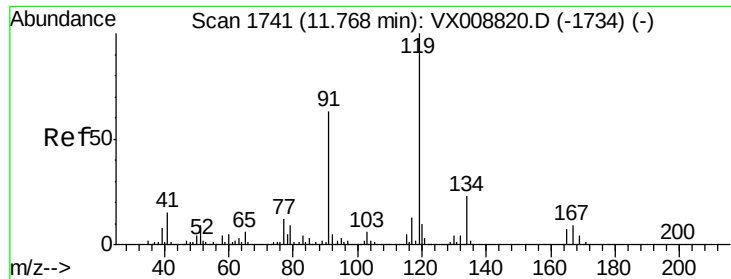
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.016 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.3	13.9	41.6





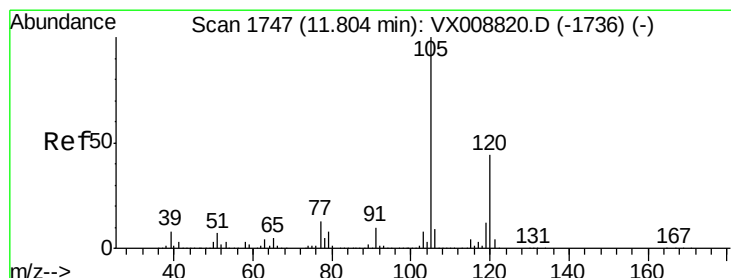
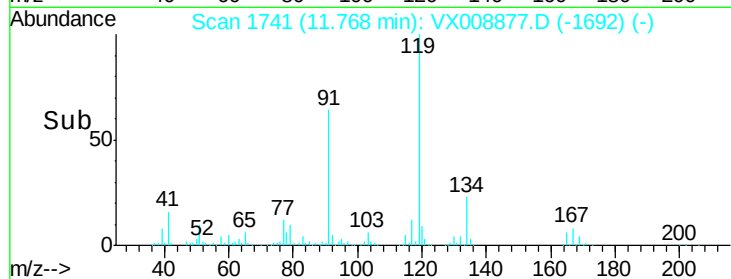
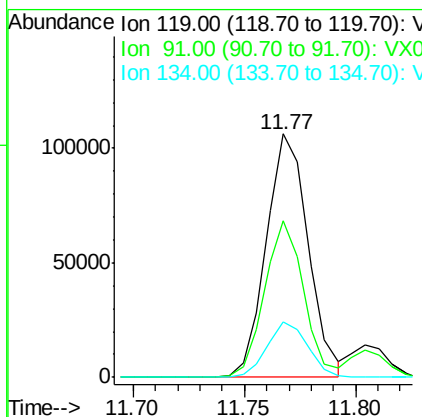
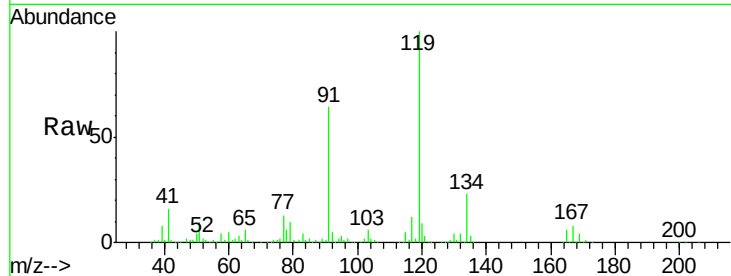
#83
 tert-Butylbenzene
 Concen: 19.412 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	139039		
91	60.2	30.0	90.1	
134	22.2	11.1	33.3	

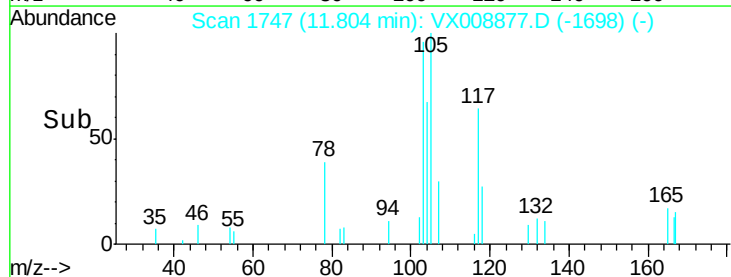
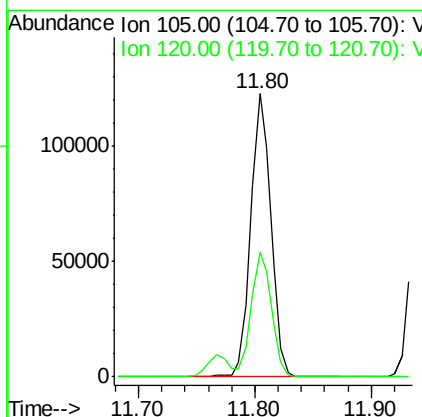
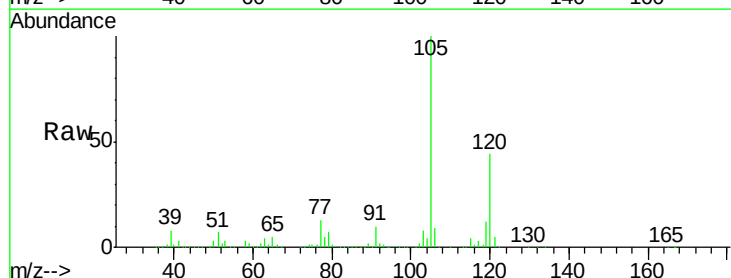
Manual Integrations
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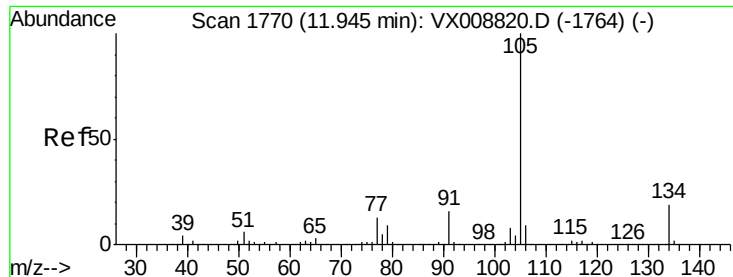
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.857 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	149692		
120	43.6	21.8	65.3	





#85

sec-Butylbenzene

Concen: 19.671 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

Tgt Ion:105 Resp: 167355

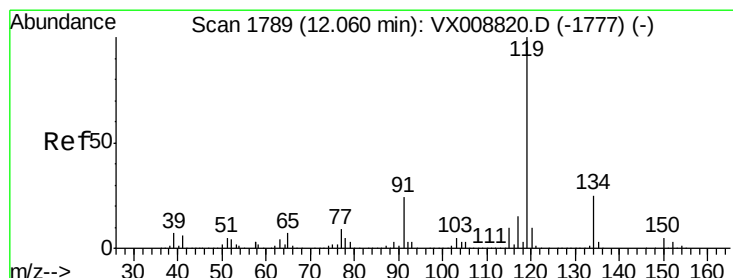
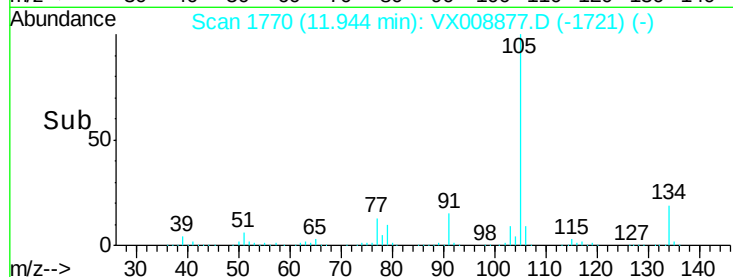
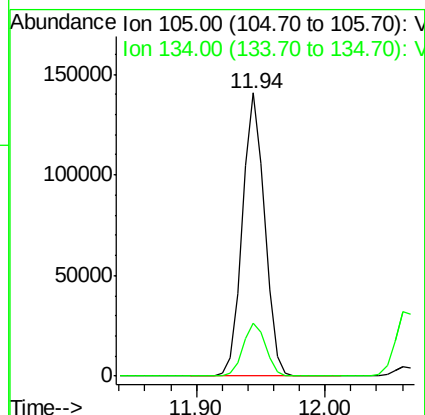
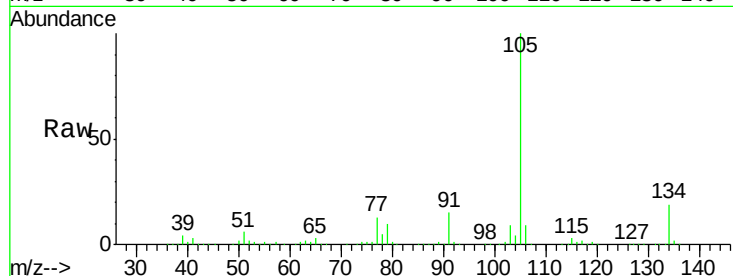
Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.087 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008877.D

Acq: 12 Apr 2019 11:37

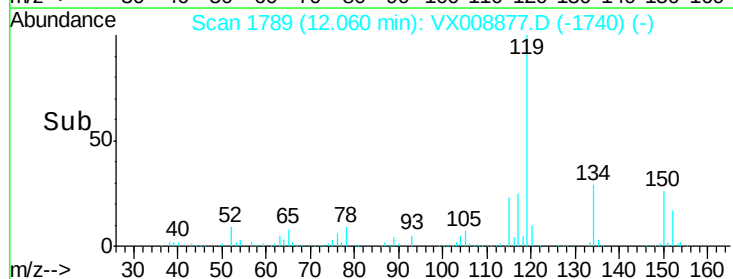
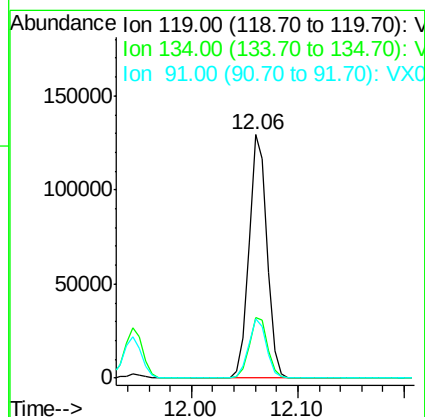
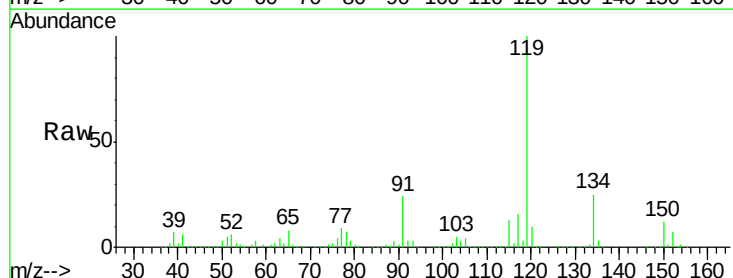
Tgt Ion:119 Resp: 153388

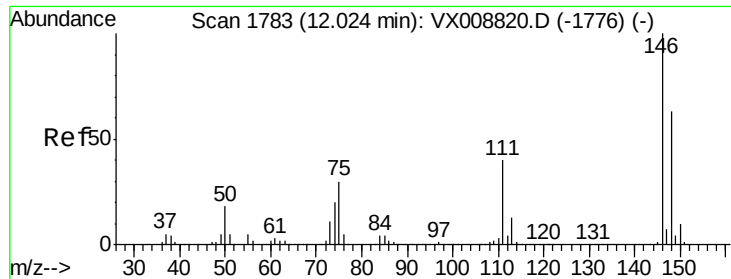
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

91 24.0 12.2 36.6





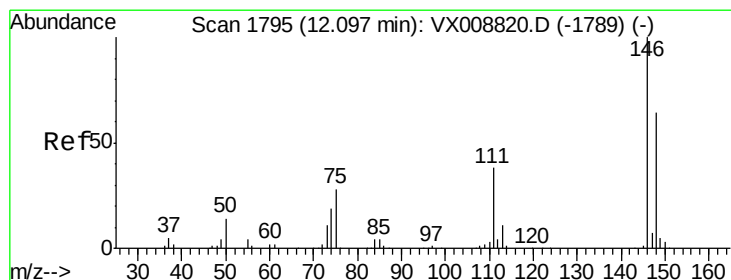
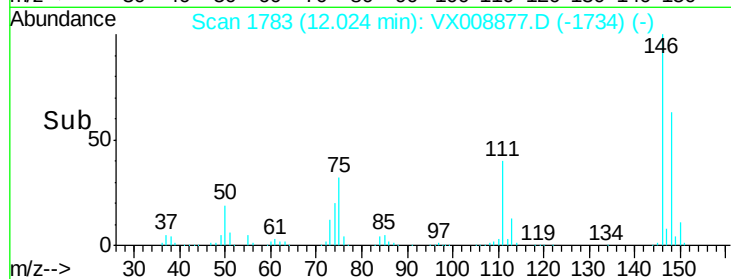
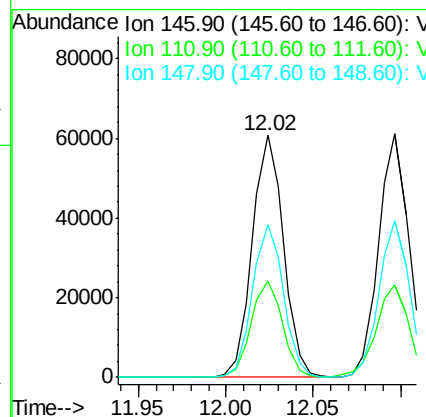
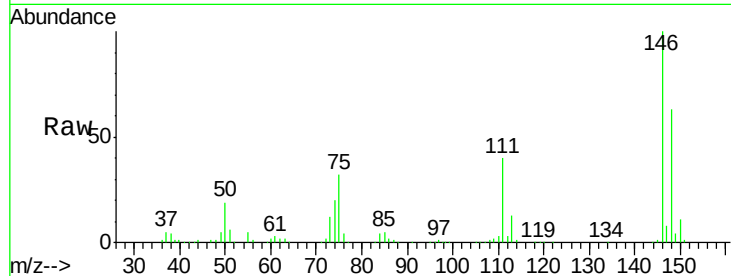
#87
 1,3-Dichlorobenzene
 Concen: 19.746 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	62.9	31.6	94.7

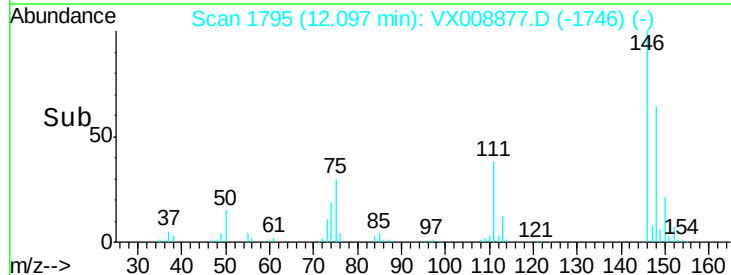
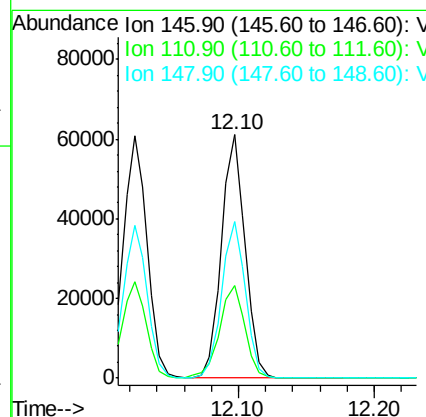
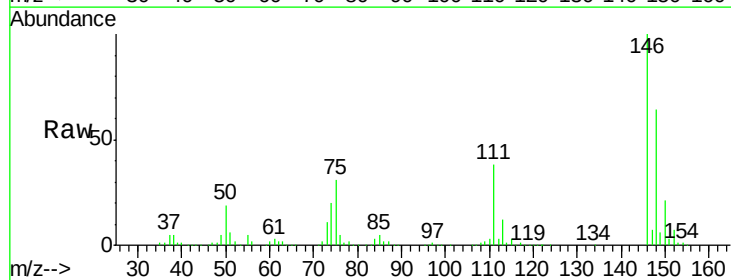
Manual Integrations
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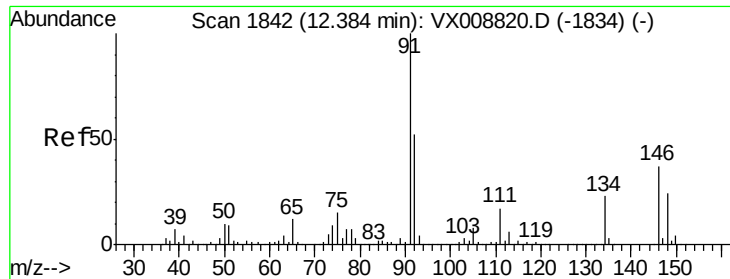
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#88
 1,4-Dichlorobenzene
 Concen: 19.008 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.6
148	64.8	32.0	96.0





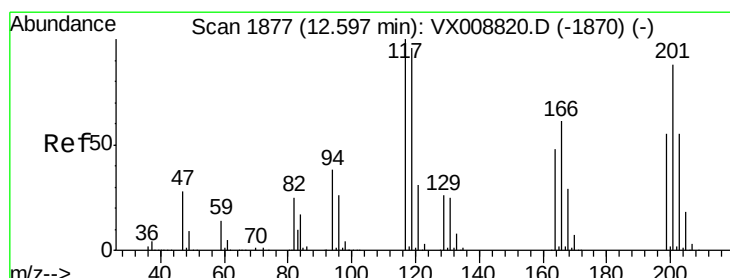
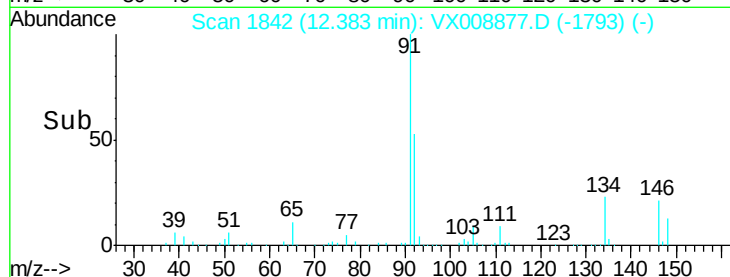
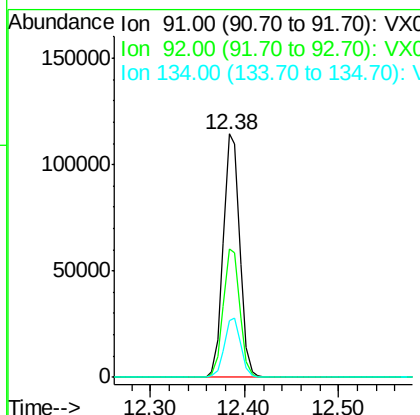
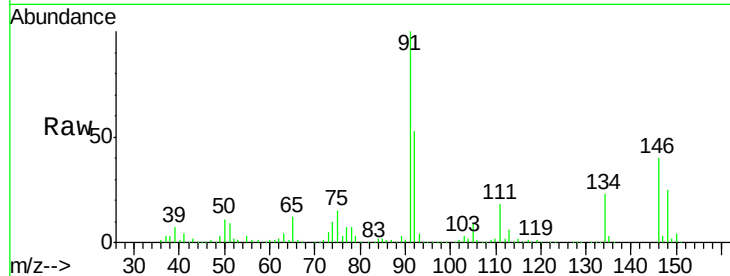
#89
n-Butylbenzene
Concen: 19.366 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	24.3	12.0	36.0

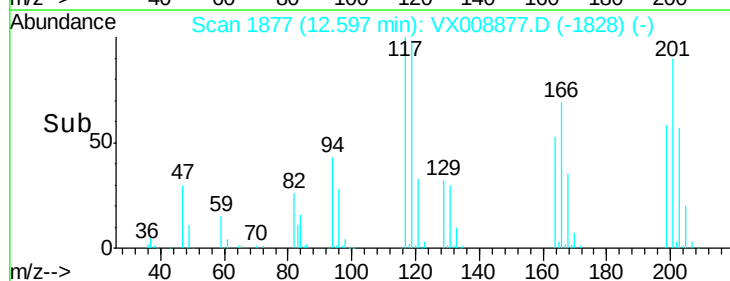
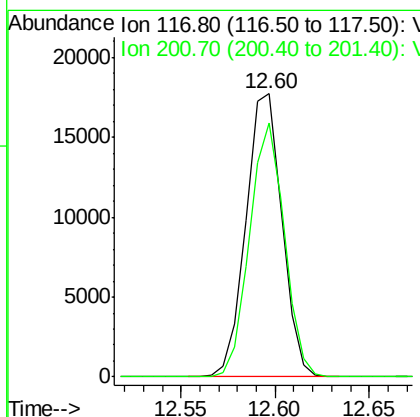
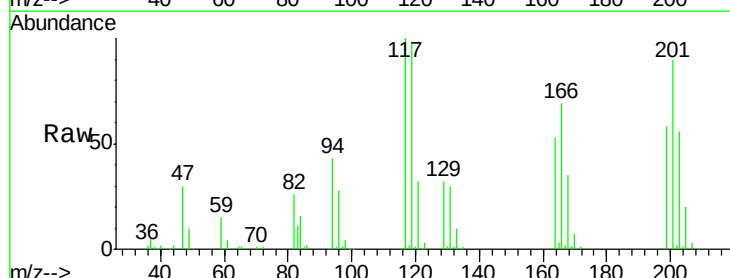
Manual Integrations
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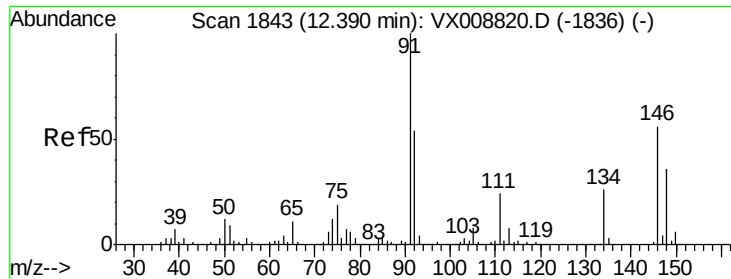
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#90
Hexachloroethane
Concen: 18.631 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	40.6	122.0





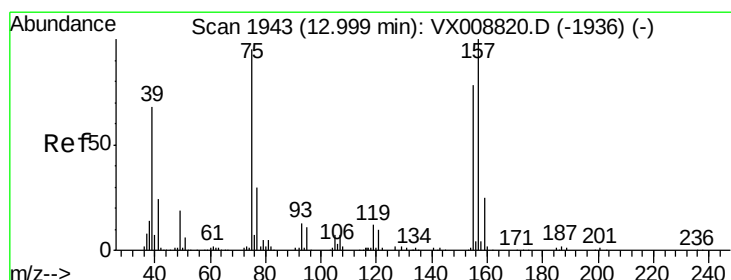
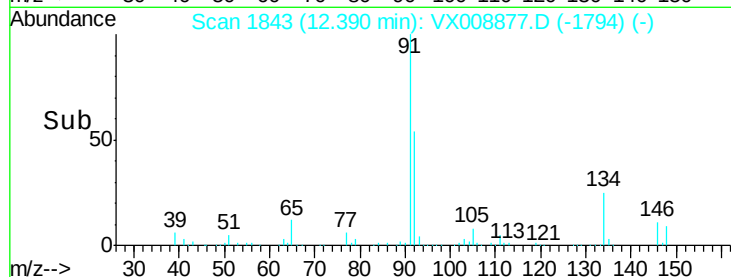
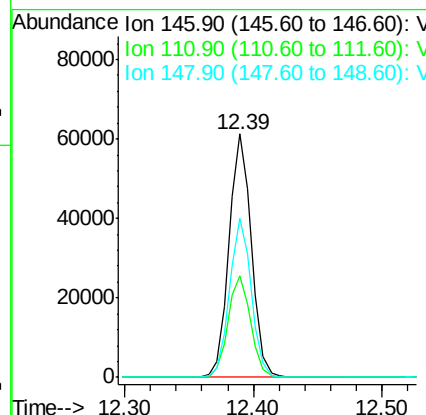
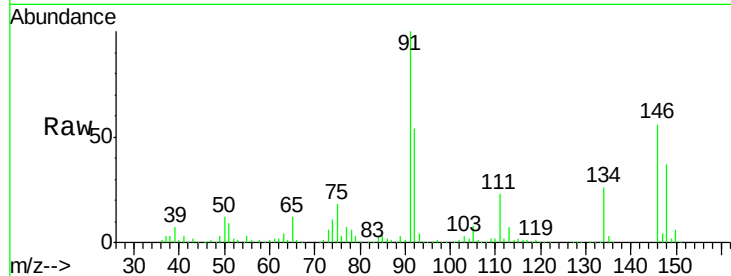
#91
 1,2-Dichlorobenzene
 Concen: 19.725 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	63.9
148	64.0	31.7	95.1

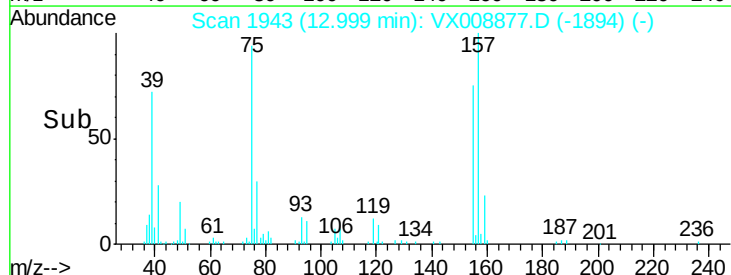
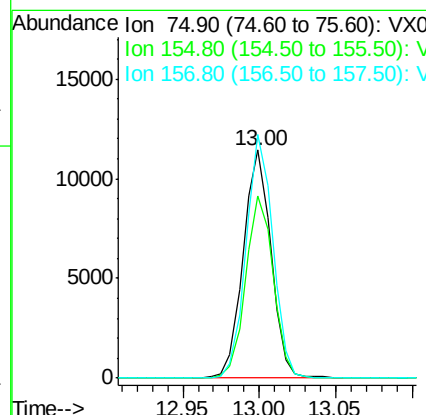
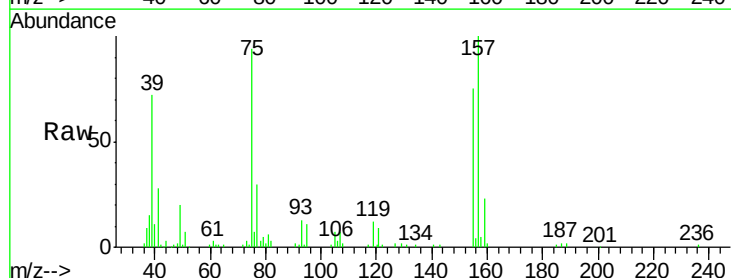
Manual Integrations
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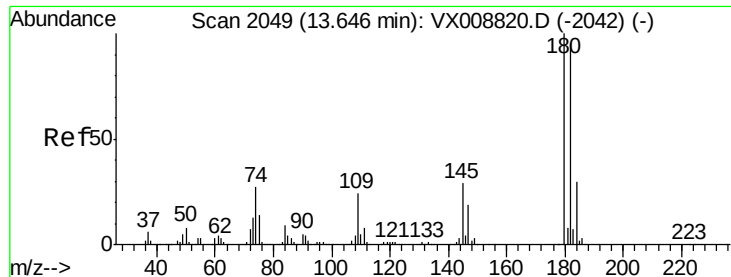
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.292 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	39.9	119.6
157	103.1	51.5	154.7





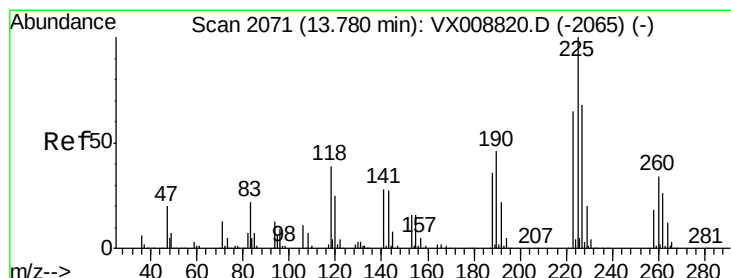
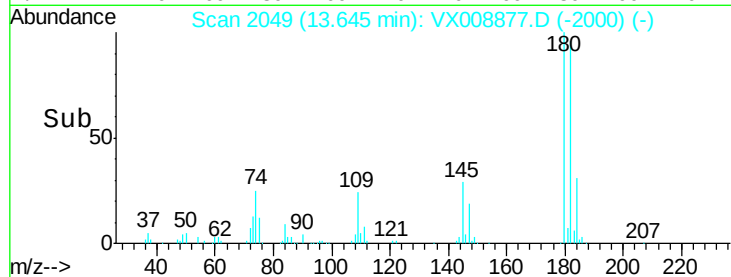
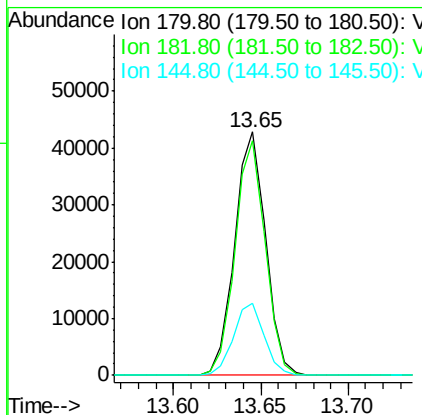
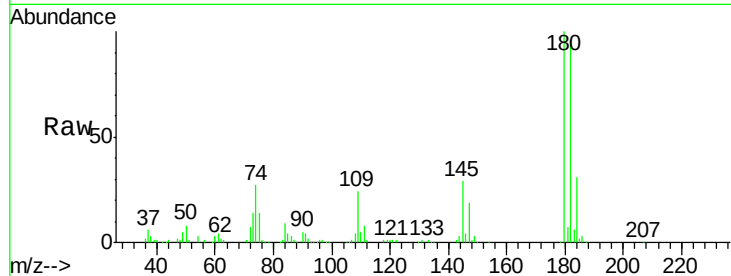
#93
 1,2,4-Trichlorobenzene
 Concen: 19.988 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	52670		
182	94.4	47.2	141.6	
145	29.4	15.3	45.9	

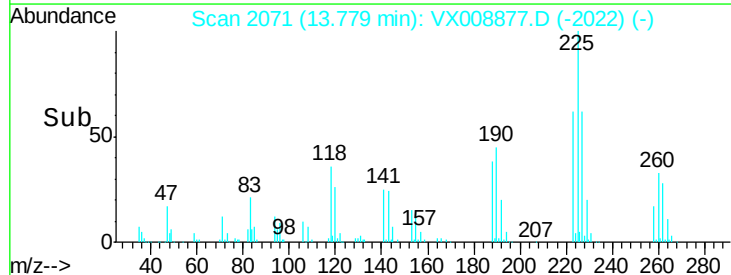
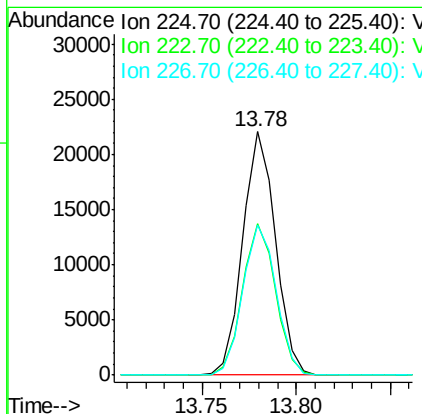
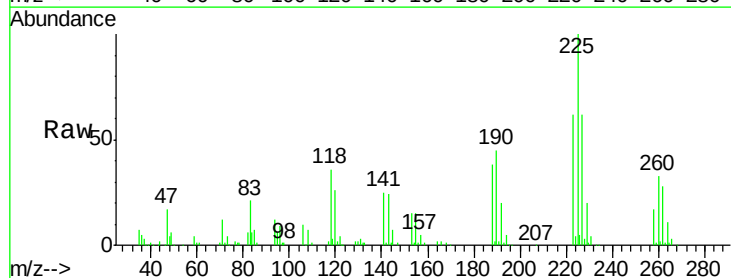
Manual Integrations
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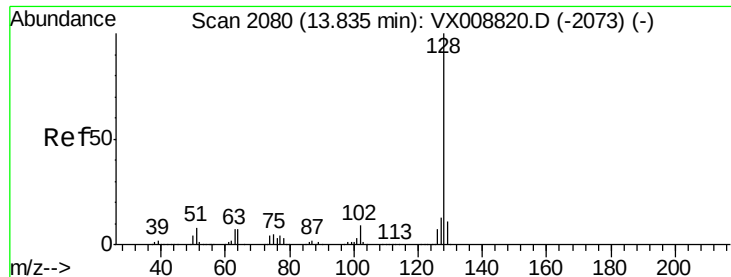
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#94
 Hexachlorobutadiene
 Concen: 20.974 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008877.D
 Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26505		
223	63.0	31.2	93.6	
227	63.3	31.9	95.5	





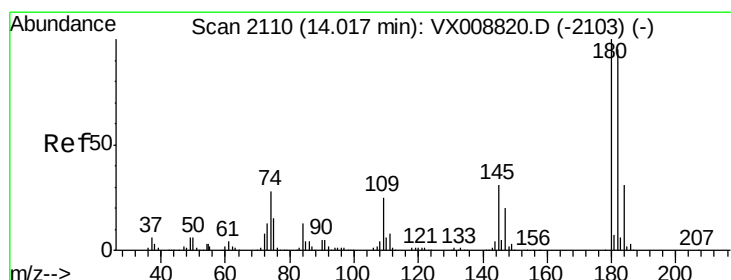
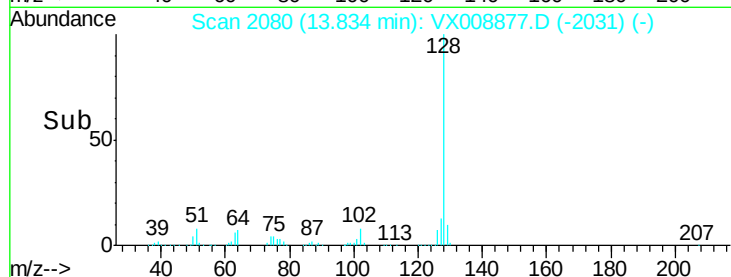
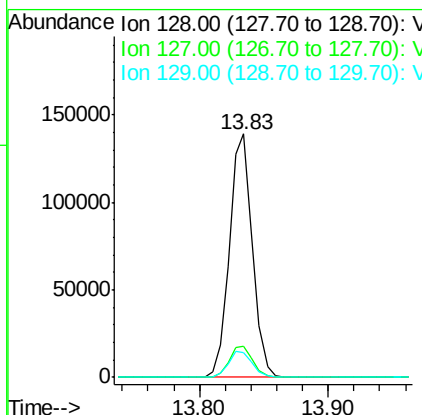
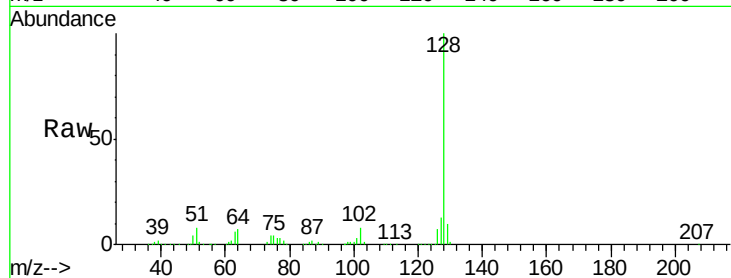
#95
Naphthalene
Concen: 19.670 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/13/2019 2:11:26 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.831 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008877.D
Acq: 12 Apr 2019 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.1	144.3
145	31.2	16.3	48.8

