

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030719\
 Data File : VX007877.D
 Acq On : 07 Mar 2019 11:55
 Operator : JC/SP
 Sample : VX0307WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:40:27 AM

Quant Time: Mar 08 05:33:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	292444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	412254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190872	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155154	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	5.50	113	135693	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	8.71	98	522034	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
62) 4-Bromofluorobenzene	11.13	95	187538	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	48363	19.357 ug/l	99
3) Chloromethane	1.33	50	62065	19.276 ug/l	99
4) Vinyl Chloride	1.41	62	61307	19.163 ug/l	100
5) Bromomethane	1.64	94	29377	18.865 ug/l	99
6) Chloroethane	1.72	64	37996	17.877 ug/l	99
7) Trichlorofluoromethane	1.93	101	77763	18.669 ug/l	97
8) Diethyl Ether	2.19	74	33785	18.731 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48549	18.808 ug/l	100
10) Methyl Iodide	2.51	142	70302	19.198 ug/l	99
11) Tert butyl alcohol	3.07	59	65982	95.638 ug/l	100
12) 1,1-Dichloroethene	2.37	96	46407	18.651 ug/l	98
13) Acrolein	2.29	56	37042	95.832 ug/l	99
14) Allyl chloride	2.73	41	96801	18.515 ug/l	99
15) Acrylonitrile	3.15	53	161730	92.873 ug/l	100
16) Acetone	2.45	43	158367	88.690 ug/l	100
17) Carbon Disulfide	2.57	76	144001	18.778 ug/l	100
18) Methyl Acetate	2.78	43	72528	19.119 ug/l	99
19) Methyl tert-butyl Ether	3.20	73	162122	18.940 ug/l	100
20) Methylene Chloride	2.86	84	53277	18.747 ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	49550	18.099 ug/l	98
22) Diisopropyl ether	3.87	45	181435	18.931 ug/l	97
23) Vinyl Acetate	3.82	43	788480	93.816 ug/l	100
24) 1,1-Dichloroethane	3.70	63	97452	18.894 ug/l	100
25) 2-Butanone	4.70	43	231386	91.530 ug/l	99
26) 2,2-Dichloropropane	4.58	77	62515	18.295 ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	57308	18.293 ug/l	100
28) Bromochloromethane	5.02	49	49386	20.539 ug/l	98
29) Tetrahydrofuran	5.15	42	147408	93.482 ug/l	100
30) Chloroform	5.21	83	91809	18.818 ug/l	99
31) Cyclohexane	5.57	56	90432	19.077 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	74624	18.435 ug/l	99
36) 1,1-Dichloropropene	5.80	75	69725	18.679 ug/l	100
37) Ethyl Acetate	4.85	43	82590	18.644 ug/l	99
38) Carbon Tetrachloride	5.78	117	66289	18.705 ug/l	97

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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	89454	19.777	ug/l	96
40) Benzene	6.14	78	215369	19.380	ug/l	99
41) Methacrylonitrile	5.06	41	46497	19.252	ug/l	99
42) 1,2-Dichloroethane	6.20	62	70501	19.399	ug/l	100
43) Isopropyl Acetate	6.46	43	126340	19.271	ug/l	99
44) Trichloroethene	7.21	130	58647	19.150	ug/l	98
45) 1,2-Dichloropropane	7.51	63	57563	19.612	ug/l	98
46) Dibromomethane	7.66	93	36376	19.583	ug/l	99
47) Bromodichloromethane	7.90	83	67006	19.026	ug/l	98
48) Methyl methacrylate	7.77	41	67416	19.559	ug/l	99
49) 1,4-Dioxane	7.75	88	27882	393.782	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	422656	100.247	ug/l	100
52) Toluene	8.78	92	134843	19.874	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	69439	18.891	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	80057	19.287	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	55166	20.086	ug/l	99
56) Ethyl methacrylate	9.18	69	83403	20.225	ug/l	99
57) 1,3-Dichloropropane	9.37	76	91310	19.800	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	223196	104.633	ug/l	100
59) 2-Hexanone	9.49	43	325593	99.469	ug/l	99
60) Dibromochloromethane	9.58	129	55067	19.182	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57122	19.589	ug/l	100
64) Tetrachloroethene	9.34	164	59328	19.252	ug/l	96
65) Chlorobenzene	10.13	112	150156	19.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	52662	18.882	ug/l	99
67) Ethyl Benzene	10.25	91	251245	19.614	ug/l	99
68) m/p-Xylenes	10.36	106	196136	39.724	ug/l	99
69) o-Xylene	10.69	106	93788	19.675	ug/l	100
70) Styrene	10.71	104	156324	20.040	ug/l	99
71) Bromoform	10.85	173	43171	18.025	ug/l #	100
73) Isopropylbenzene	11.02	105	255265	19.774	ug/l	100
74) N-amyl acetate	10.90	43	109075	18.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82260	18.474	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	78629m	19.631	ug/l	
77) Bromobenzene	11.26	156	67812	19.160	ug/l	100
78) n-propylbenzene	11.36	91	286629	20.015	ug/l	100
79) 2-Chlorotoluene	11.42	91	169991	19.414	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	210706	19.832	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21615	17.250	ug/l	93
82) 4-Chlorotoluene	11.51	91	196388	19.571	ug/l	100
83) tert-Butylbenzene	11.77	119	207470	19.386	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	216170	19.847	ug/l	100
85) sec-Butylbenzene	11.94	105	252752	20.052	ug/l	99
86) p-Isopropyltoluene	12.06	119	227517	20.155	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120232	19.202	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118798	18.527	ug/l	99
89) n-Butylbenzene	12.38	91	188822	19.744	ug/l	99
90) Hexachloroethane	12.60	117	34894	18.488	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	118235	19.008	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16644	17.885	ug/l	99

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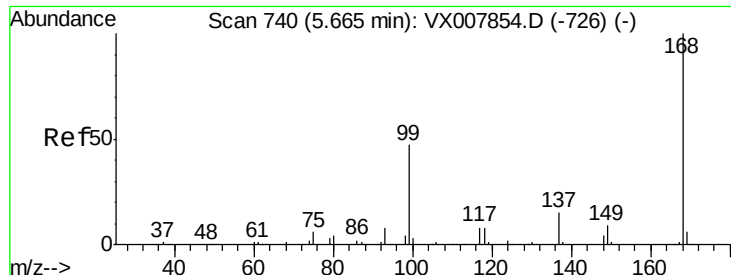
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82673	18.920	ug/l	100
94) Hexachlorobutadiene	13.78	225	45675	19.993	ug/l	99
95) Naphthalene	13.83	128	237780	18.886	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82820	19.026	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS01

Tot Ion:168 Resp: 292444

Ion Ratio Lower Upper

168 100

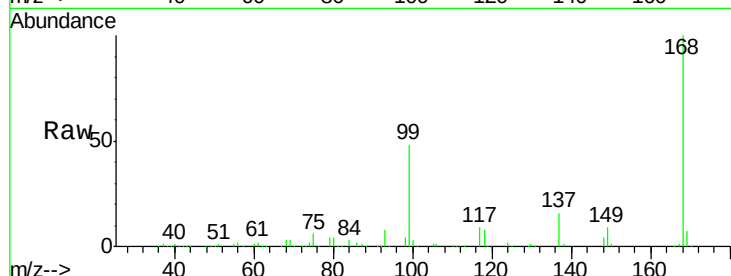
99 48.3 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

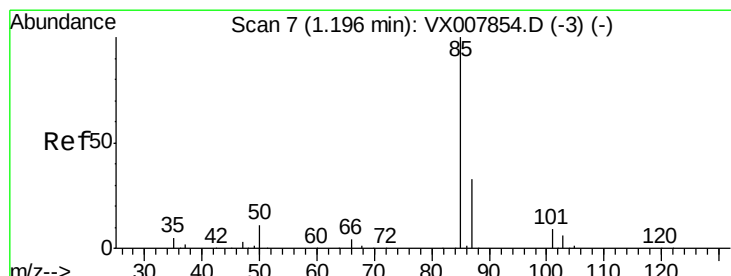
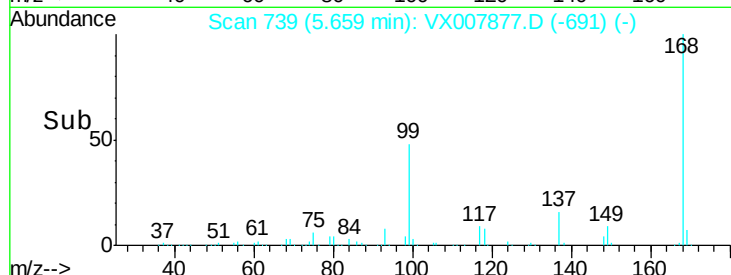
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.357 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007877.D

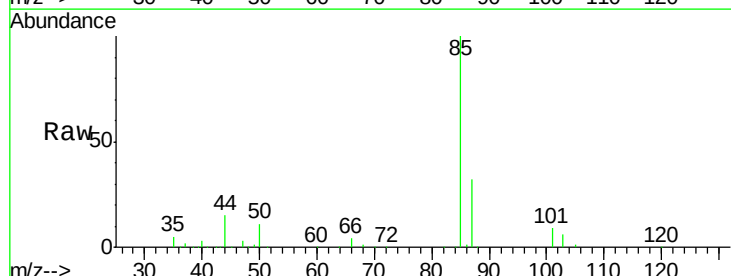
Acq: 07 Mar 2019 11:55

Tgt Ion: 85 Resp: 48363

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

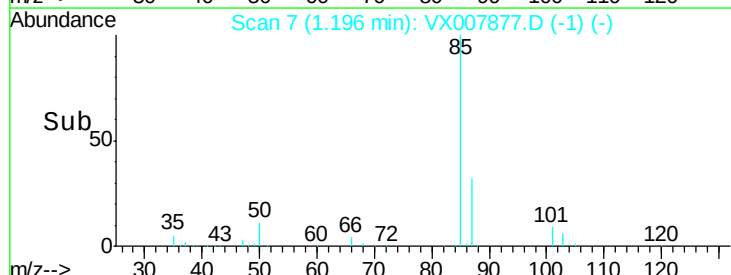
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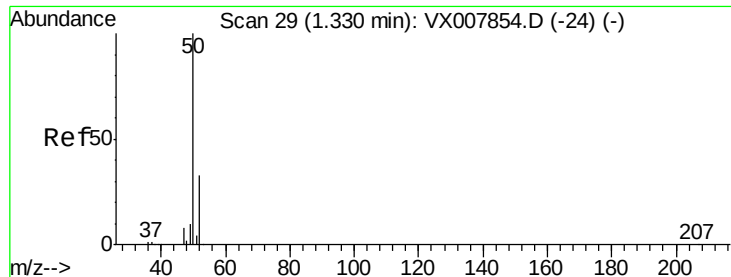
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.276 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS01

Tot Ion: 50 Resp: 62065

Ion Ratio Lower Upper

50 100

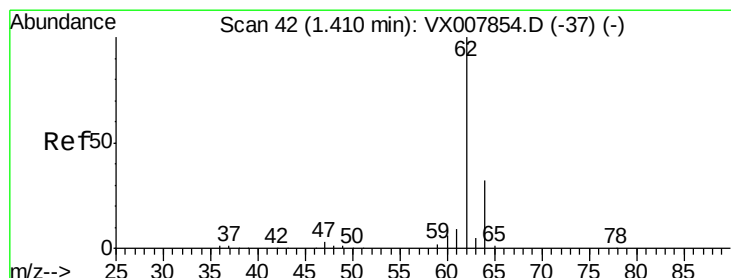
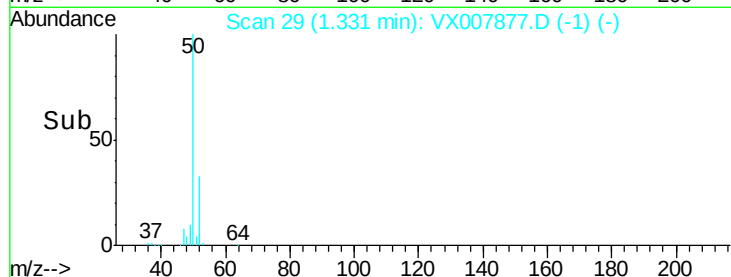
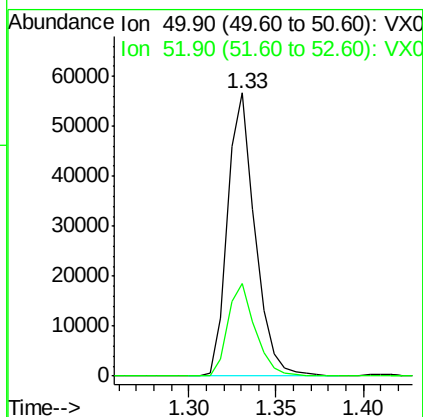
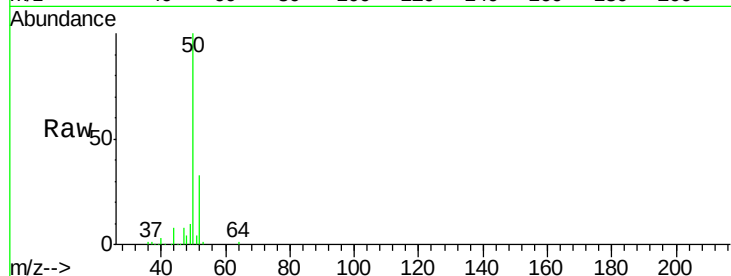
52 32.7 26.5 39.7

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#4

Vinyl Chloride

Concen: 19.163 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007877.D

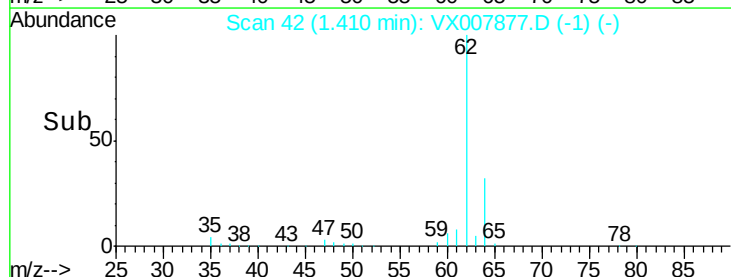
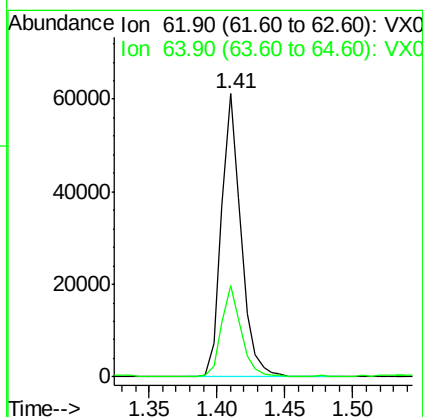
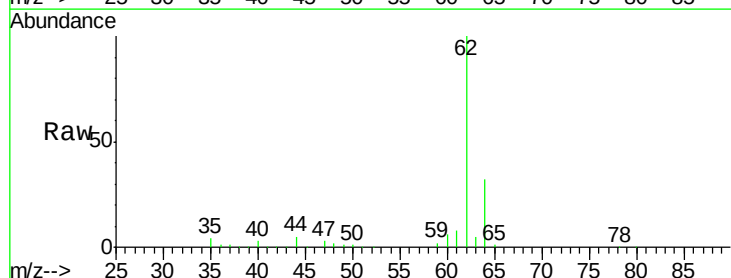
Acq: 07 Mar 2019 11:55

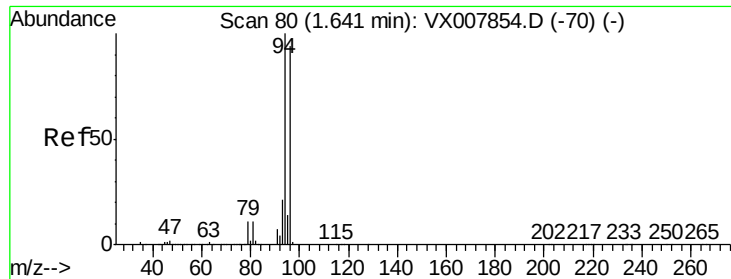
Tgt Ion: 62 Resp: 61307

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 18.865 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS01

Tot Ion: 94 Resp: 29377

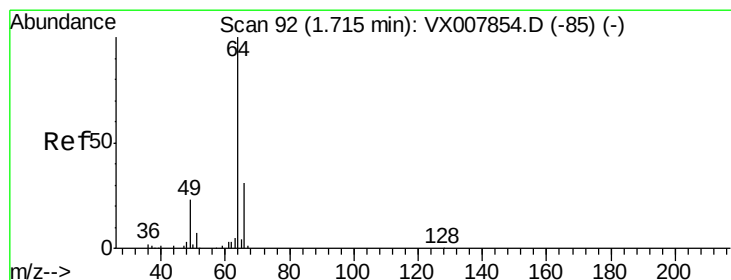
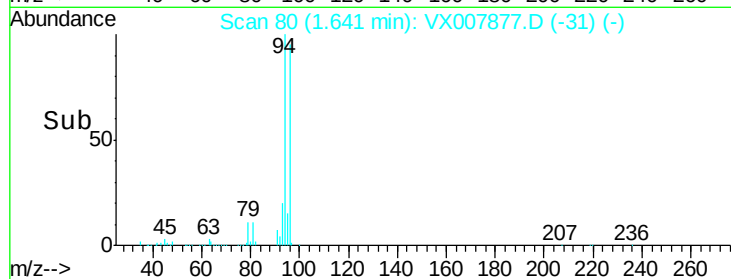
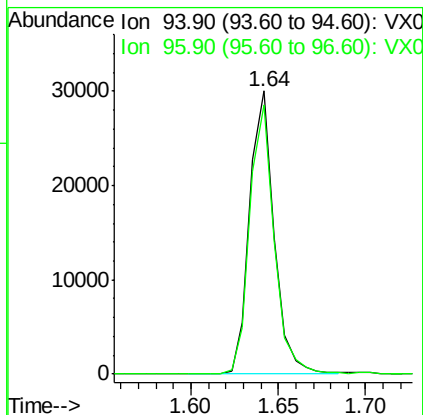
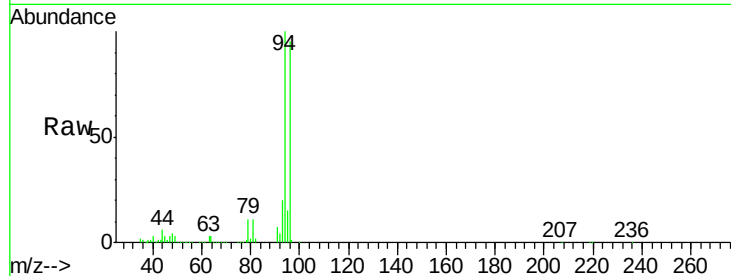
Ion Ratio Lower Upper

94 100

96 95.1 75.5 113.3

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#6

Chloroethane

Concen: 17.877 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007877.D

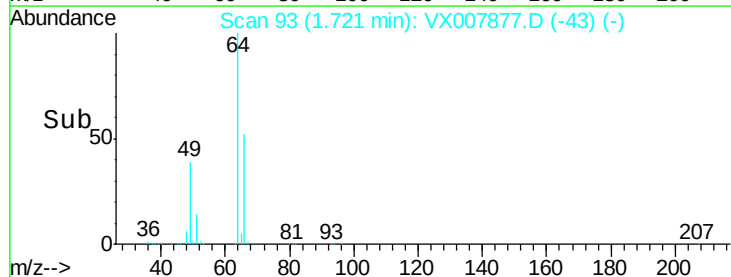
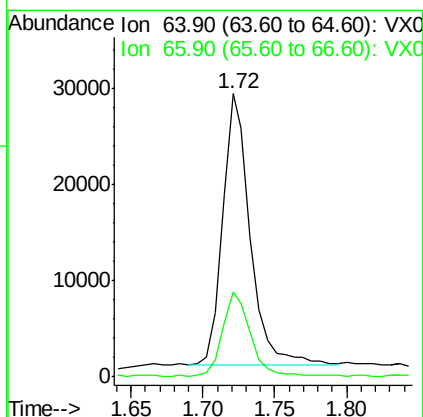
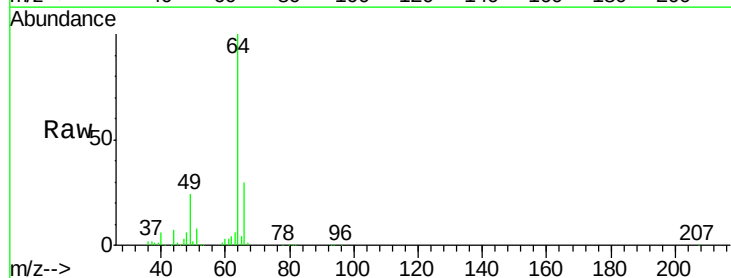
Acq: 07 Mar 2019 11:55

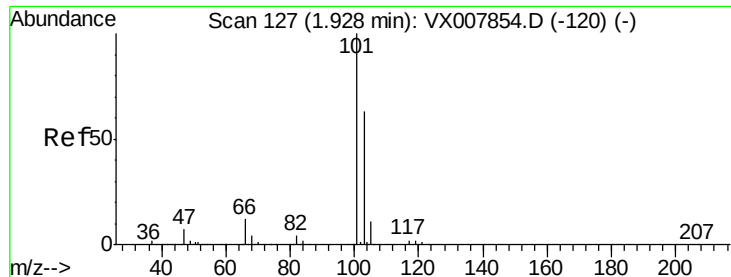
Tgt Ion: 64 Resp: 37996

Ion Ratio Lower Upper

64 100

66 31.0 25.2 37.8





#7

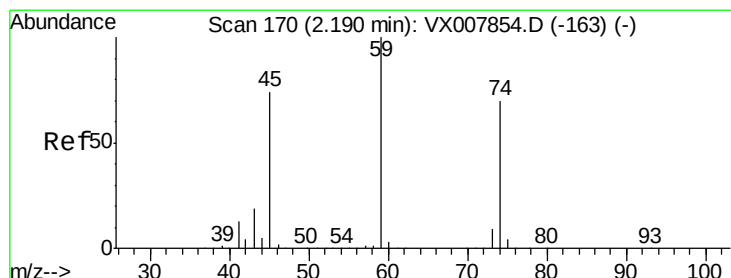
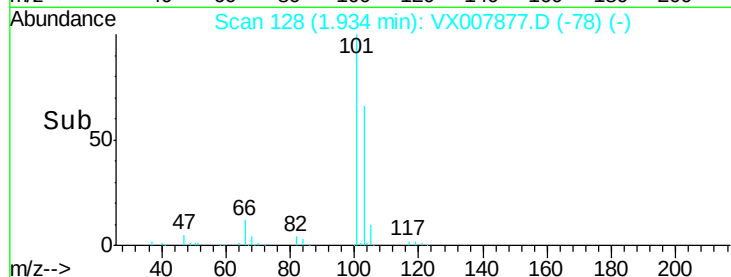
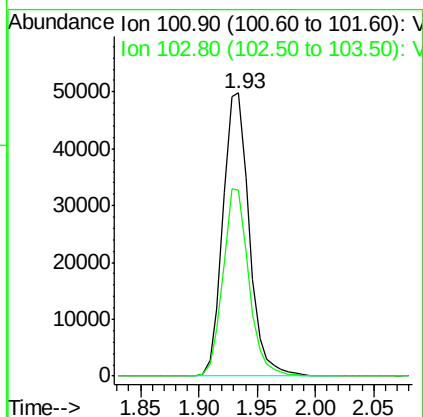
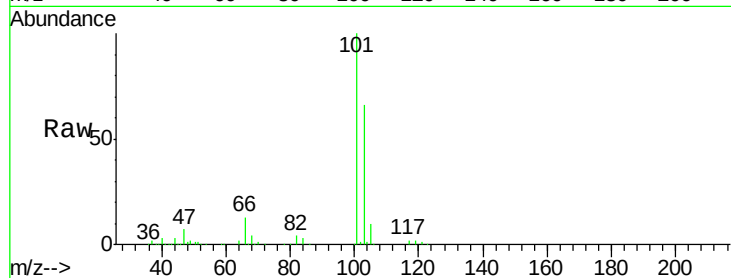
Trichlorofluoromethane
Concen: 18.669 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
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ClientSampleId :
VX0307WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	50.4	75.6

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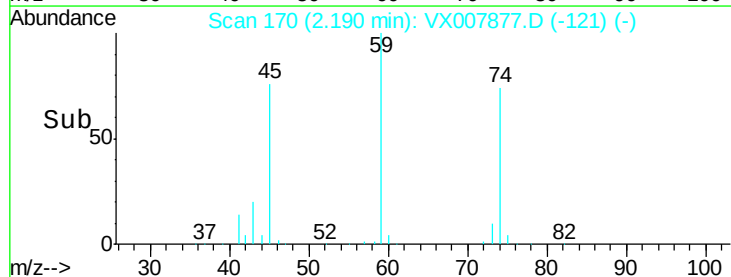
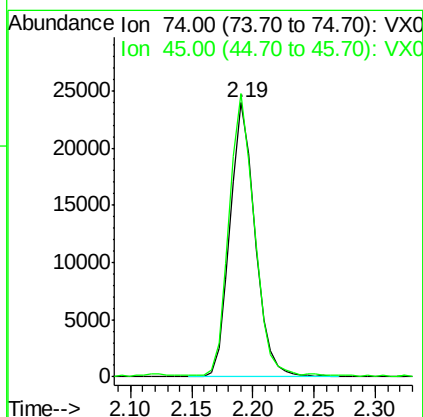
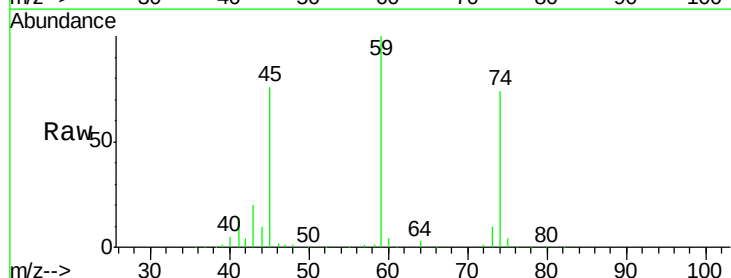
MMDadoda
3/8/2019 9:40:27 AM

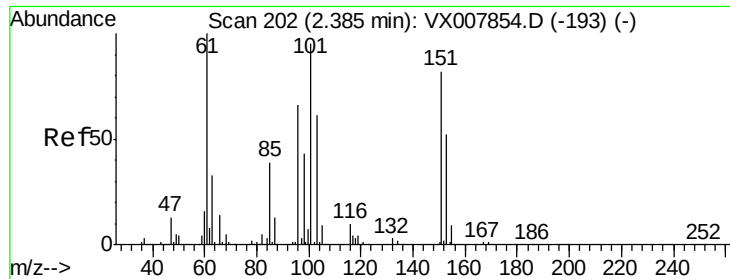


#8

Diethyl Ether
Concen: 18.731 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.808 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

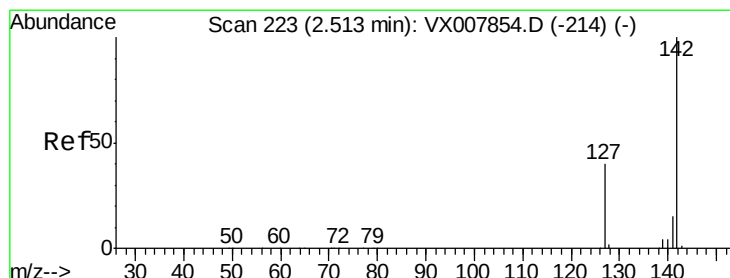
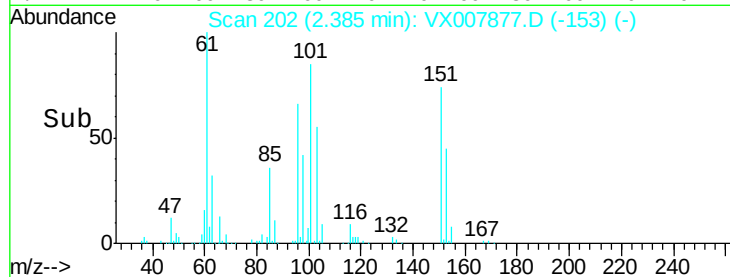
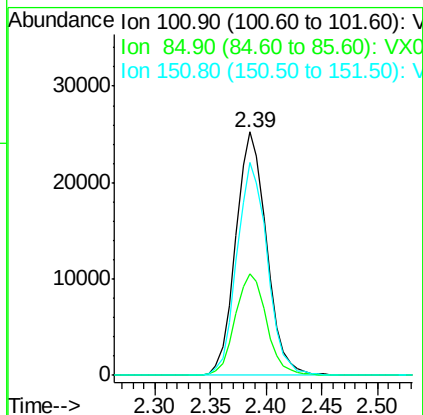
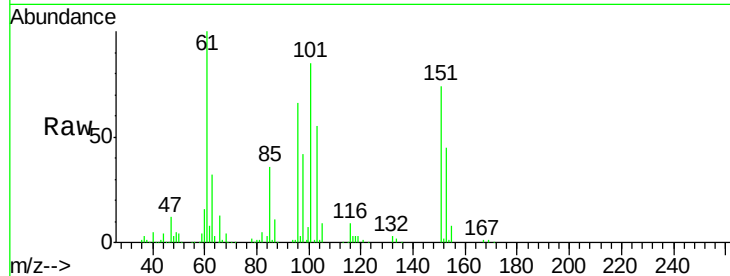
ClientSampleId :

VX0307WBS01

Tot Ion:	101	Resp:	48549
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.8	50.6
151	86.5	69.1	103.7

Manual Integrations
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3/8/2019 9:40:27 AM



#10

Methyl Iodide

Concen: 19.198 ug/l

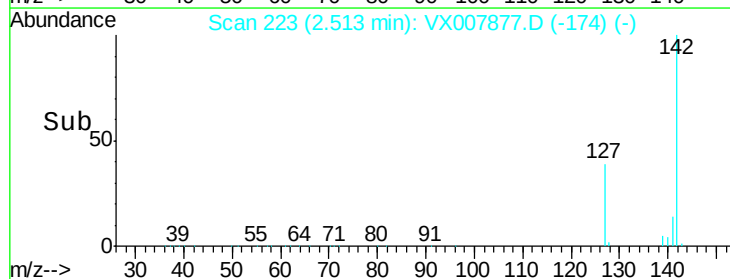
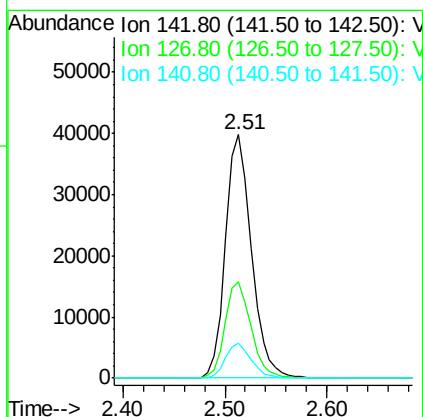
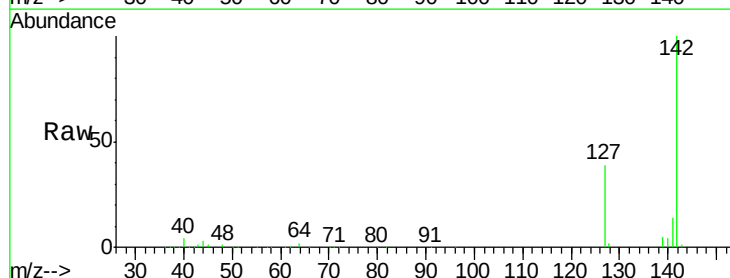
RT: 2.51 min Scan# 223

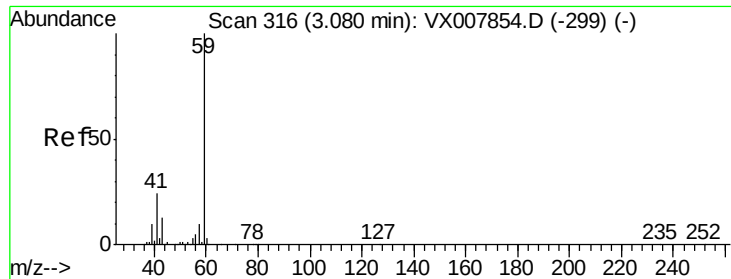
Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Tgt Ion:	142	Resp:	70302
Ion Ratio	Lower	Upper	
142	100		
127	39.6	32.1	48.1
141	14.3	11.4	17.2





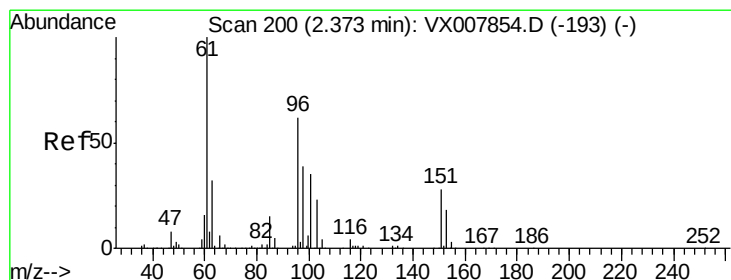
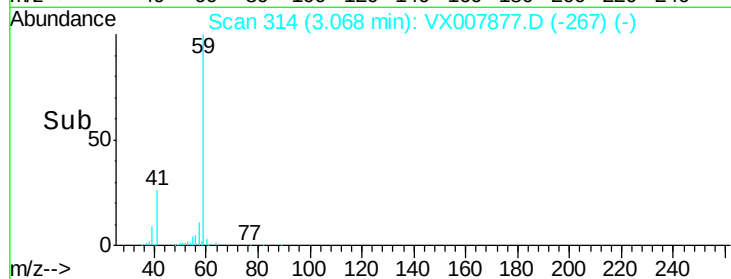
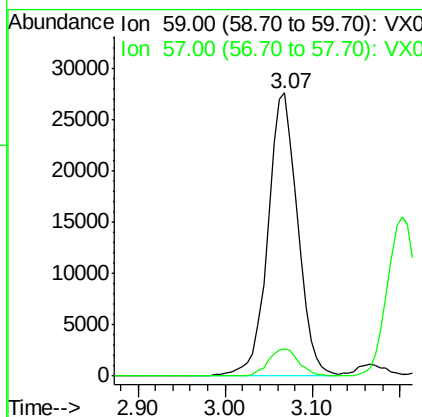
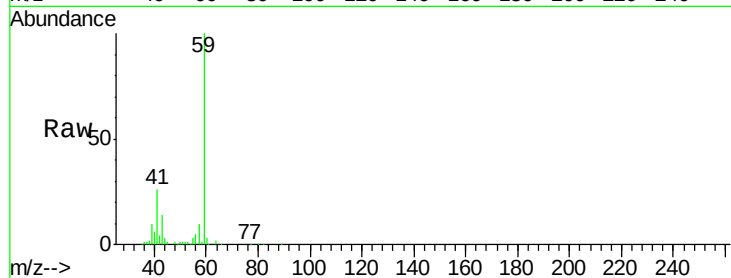
#11
Tert butyl alcohol
Concen: 95.638 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion	59	Resp	65982
Ion Ratio	100	Lower	Upper
57	10.0	8.2	12.2

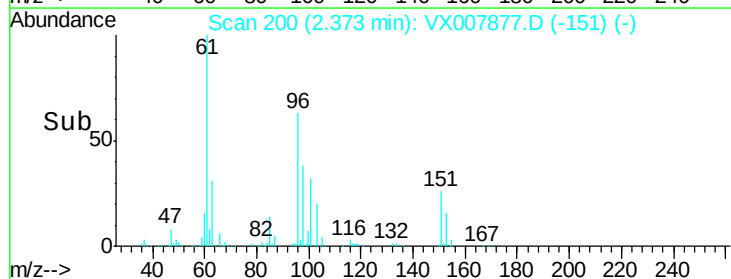
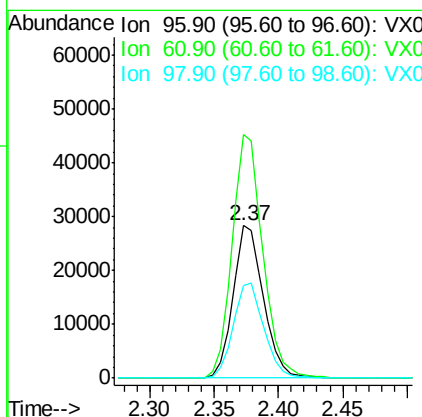
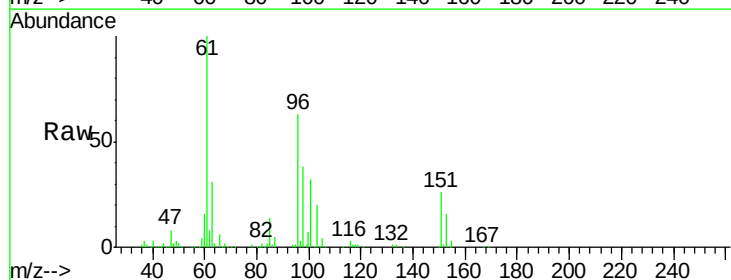
Manual Integrations
APPROVED

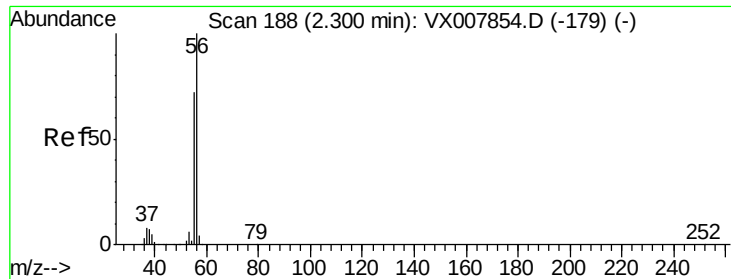
MMDadoda
3/8/2019 9:40:27 AM



#12
1,1-Dichloroethene
Concen: 18.651 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	96	Resp	46407
Ion Ratio	100	Lower	Upper
61	159.9	129.8	194.6
98	60.8	51.0	76.6





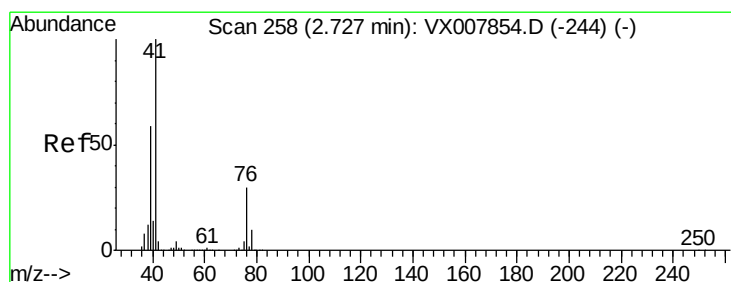
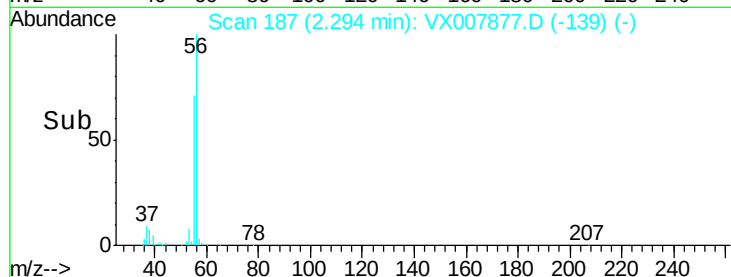
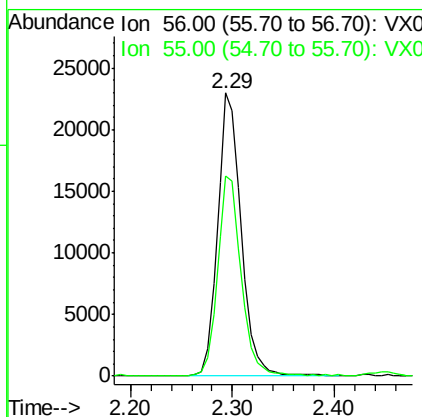
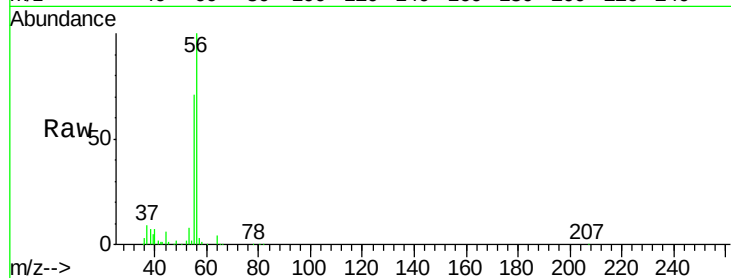
#13
Acrolein
Concen: 95.832 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampled :
VX0307WBS01

Tot Ion	56	Resp	37042
Ion Ratio	Lower	Upper	
56	100		
55	71.0	57.8	86.6

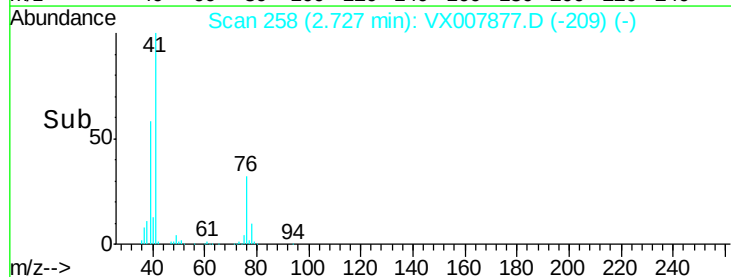
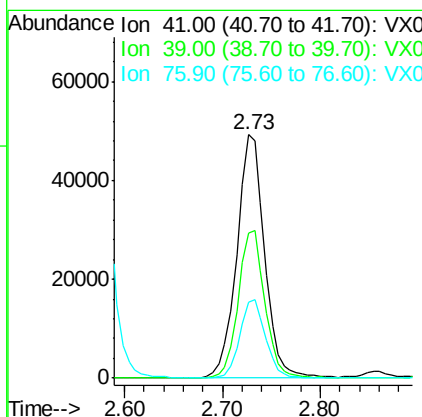
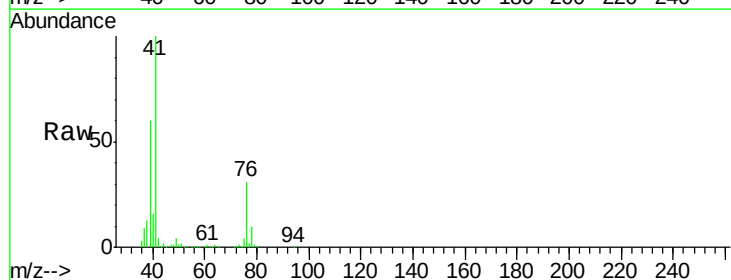
Manual Integrations
APPROVED

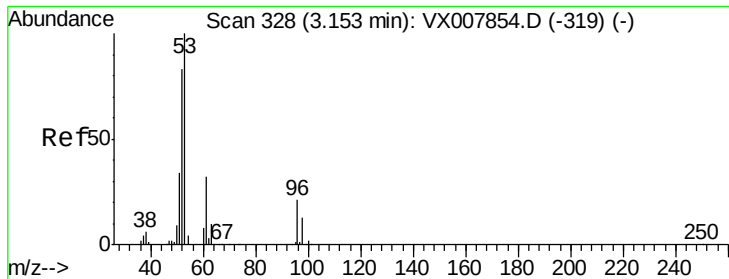
MMDadoda
3/8/2019 9:40:27 AM



#14
Allyl chloride
Concen: 18.515 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	41	Resp	96801
Ion Ratio	Lower	Upper	
41	100		
39	58.7	46.1	69.1
76	29.9	24.0	36.0





#15

Acrylonitrile

Concen: 92.873 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

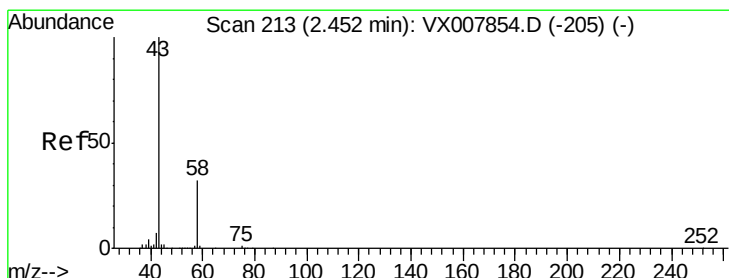
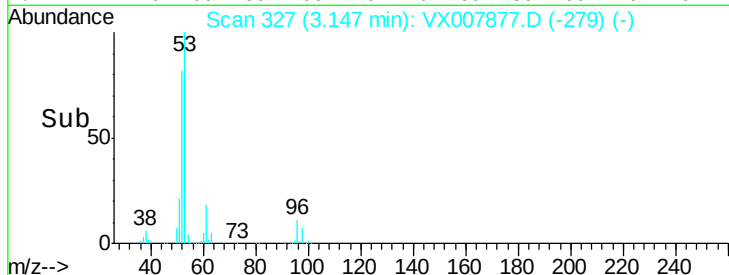
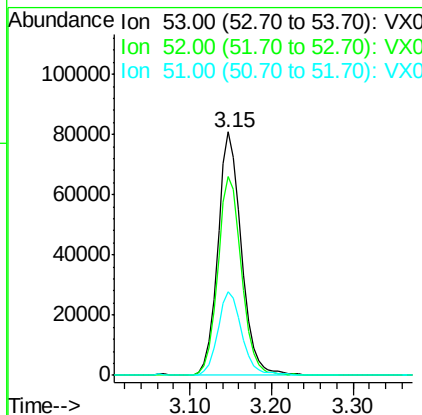
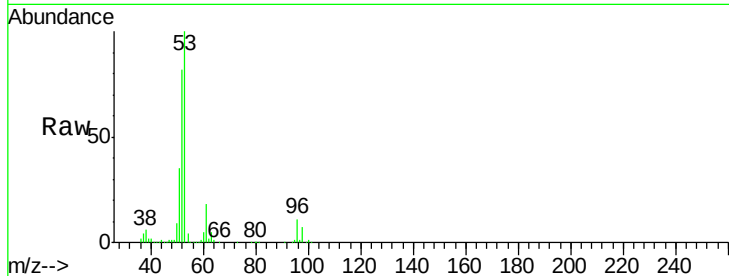
ClientSampled :

VX0307WBS01

Tot Ion:	53	Resp:	161730
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.0	99.0
51	35.2	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 88.690 ug/l

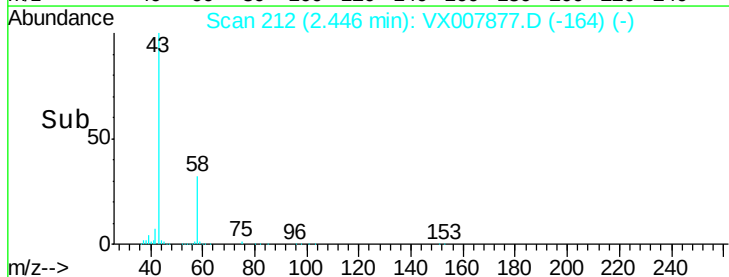
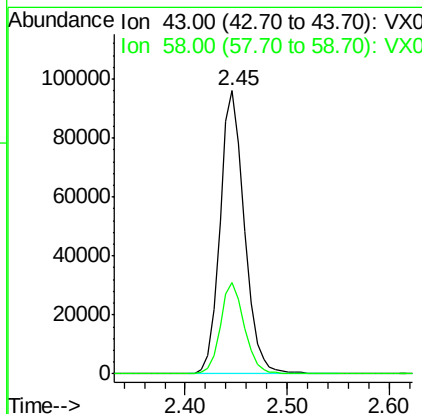
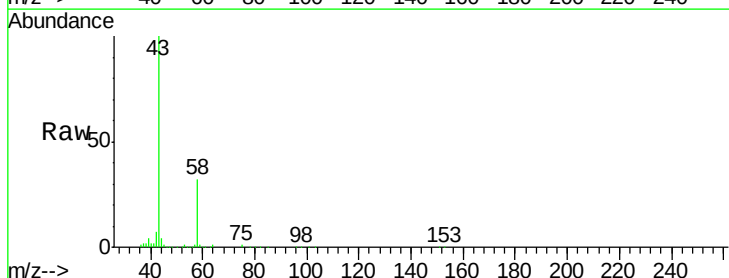
RT: 2.45 min Scan# 212

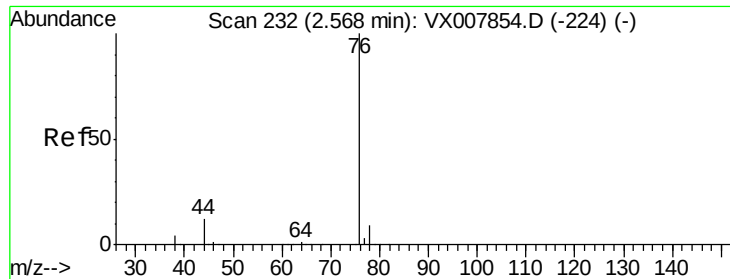
Delta R.T. -0.01 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Tgt Ion:	43	Resp:	158367
Ion Ratio		Lower	Upper
43	100		
58	32.1	25.5	38.3





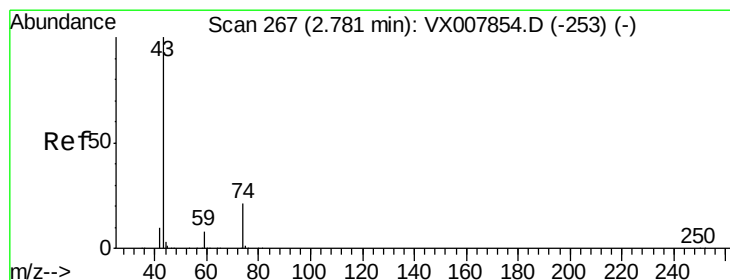
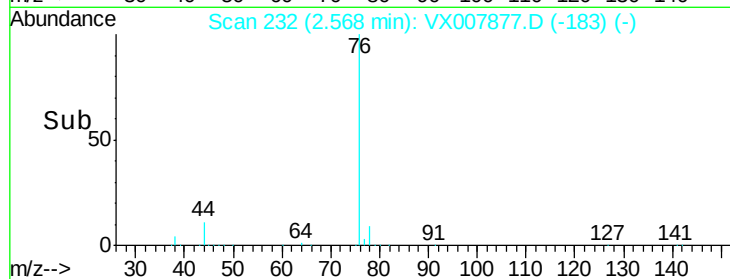
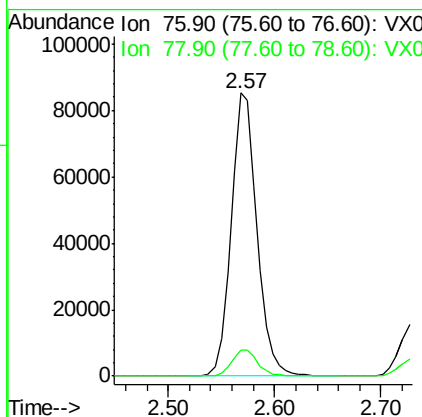
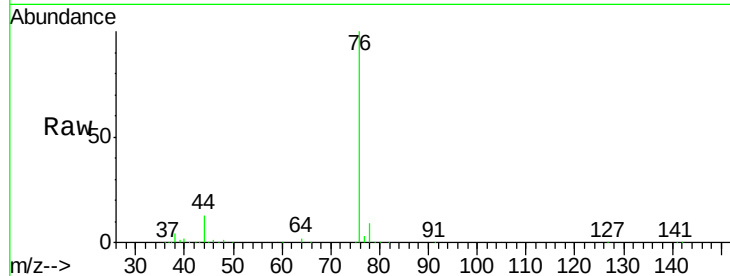
#17
Carbon Disulfide
Concen: 18.778 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

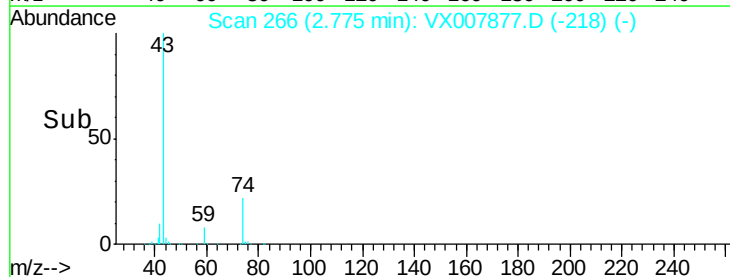
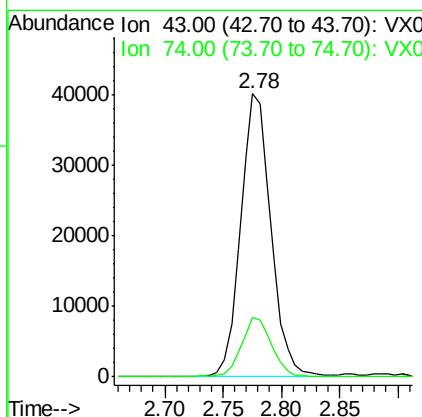
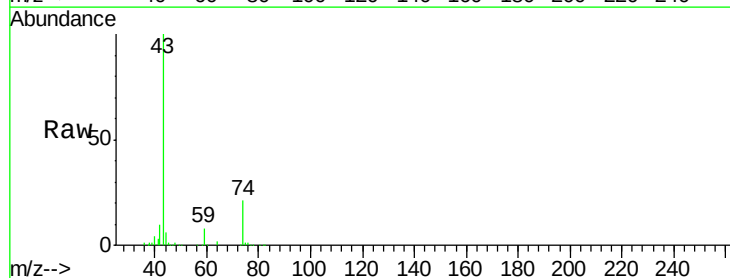
Manual Integrations
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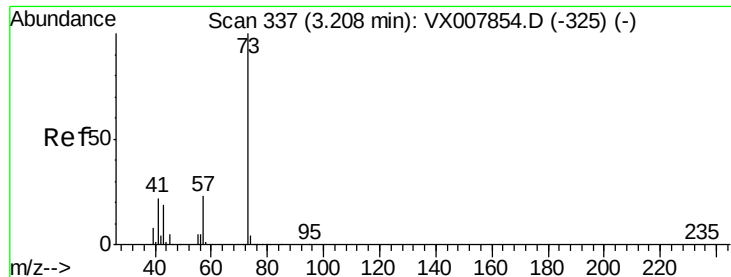
MMDadoda
3/8/2019 9:40:27 AM



#18
Methyl Acetate
Concen: 19.119 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.8	26.6





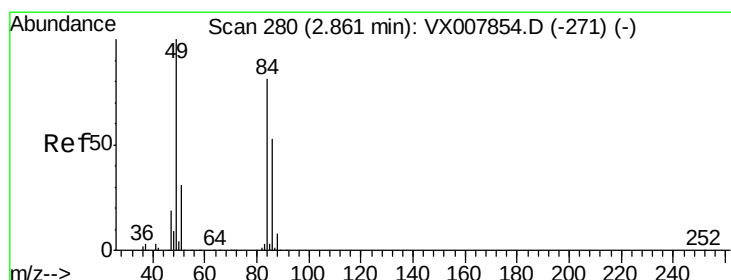
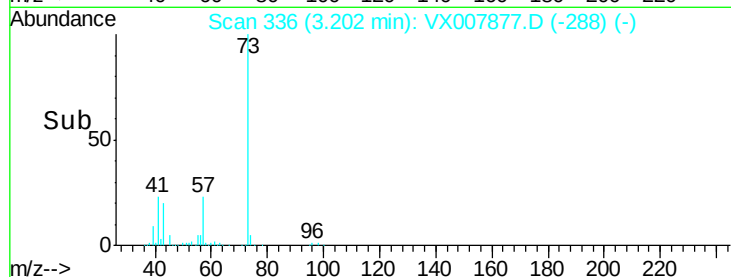
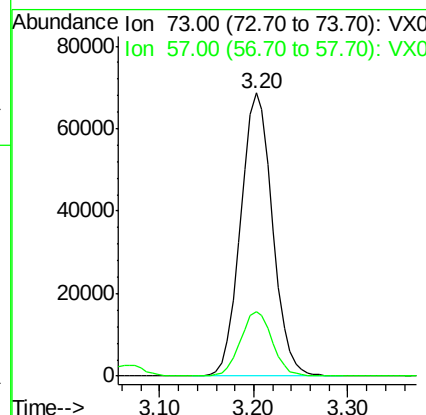
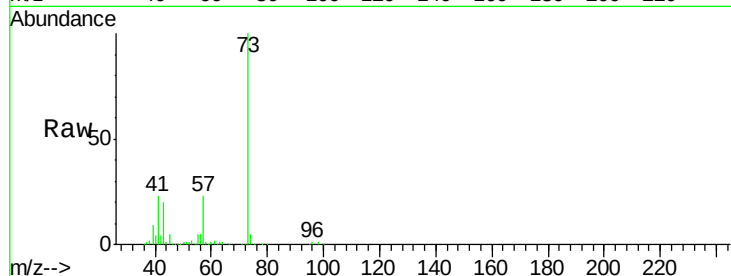
#19
Methyl tert-butyl Ether
Concen: 18.940 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.2	27.4

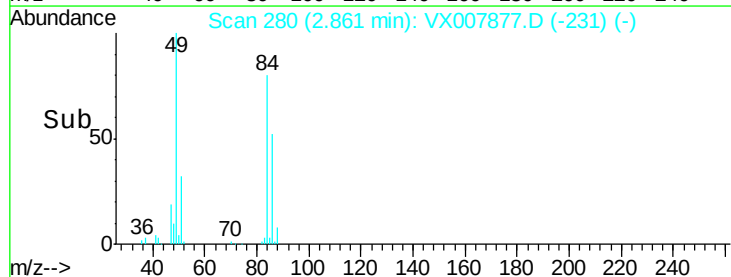
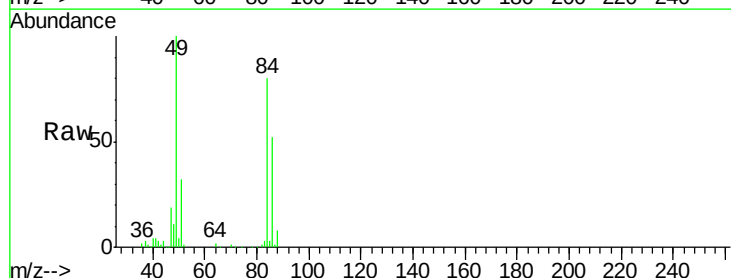
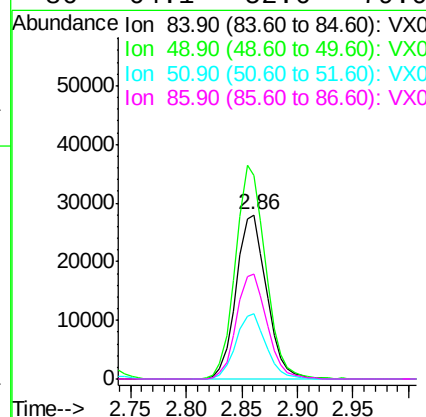
Manual Integrations
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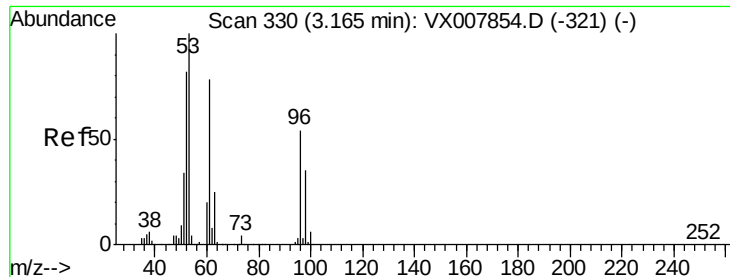
MMDadoda
3/8/2019 9:40:27 AM



#20
Methylene Chloride
Concen: 18.747 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.2	99.3	148.9
51	39.4	31.3	46.9
86	64.1	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 18.099 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

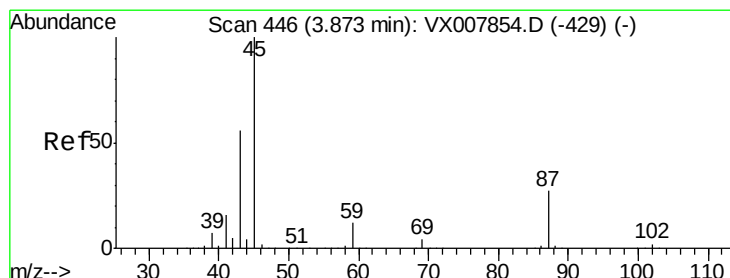
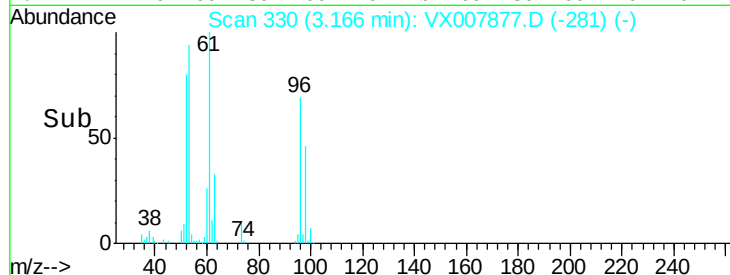
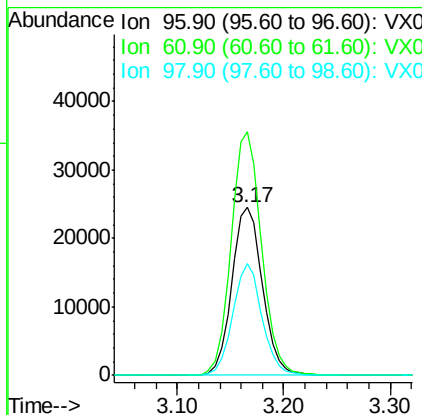
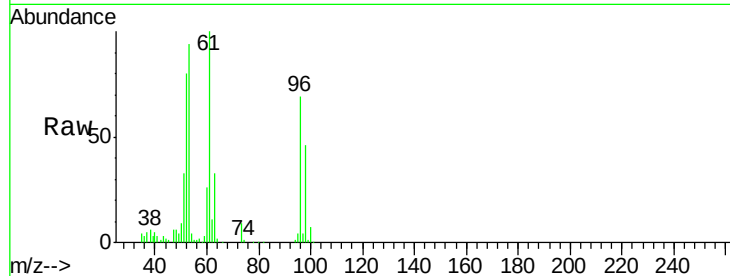
ClientSampleId :

VX0307WBS01

Tot Ion:	96	Resp:	49550
Ion	Ratio	Lower	Upper
96	100		
61	144.9	114.4	171.6
98	66.7	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.931 ug/l

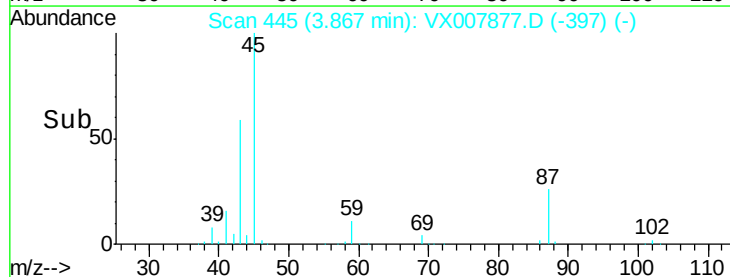
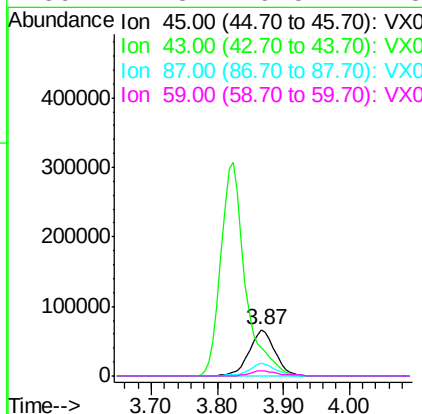
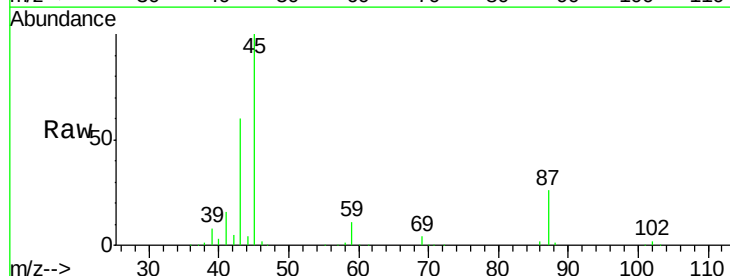
RT: 3.87 min Scan# 445

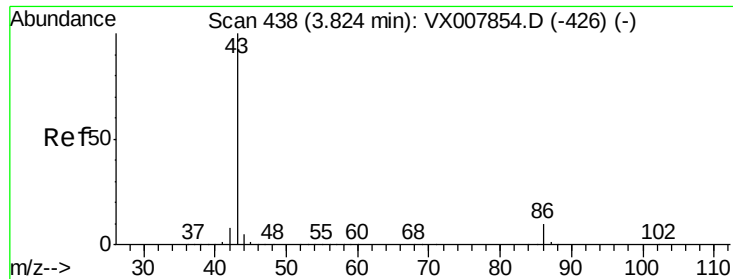
Delta R.T. -0.01 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Tgt Ion:	45	Resp:	181435
Ion	Ratio	Lower	Upper
45	100		
43	59.4	45.3	67.9
87	26.2	21.4	32.0
59	11.3	9.5	14.3





#23

Vinyl Acetate

Concen: 93.816 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

VX0307WBS01

Tot Ion: 43 Resp: 788480

Ion Ratio Lower Upper

43 100

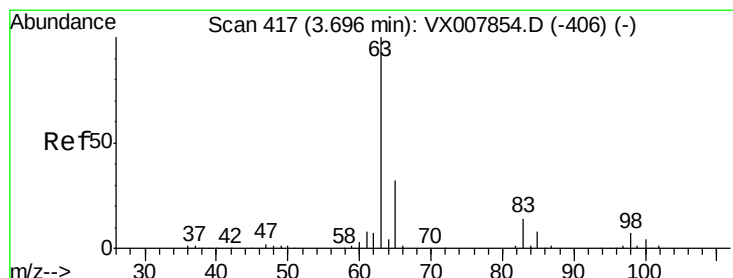
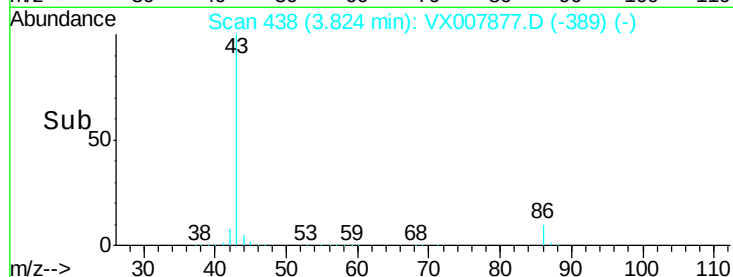
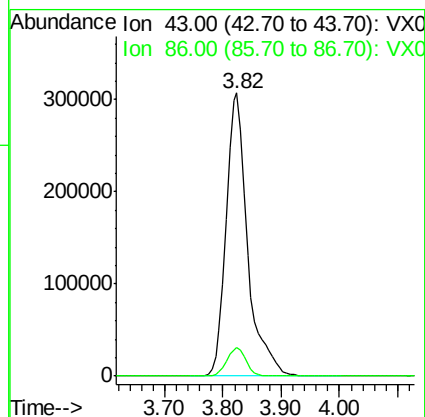
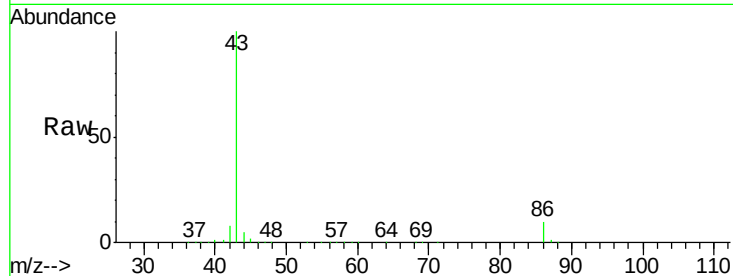
86 10.0 7.9 11.9

Manual Integrations

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3/8/2019 9:40:27 AM



#24

1,1-Dichloroethane

Concen: 18.894 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

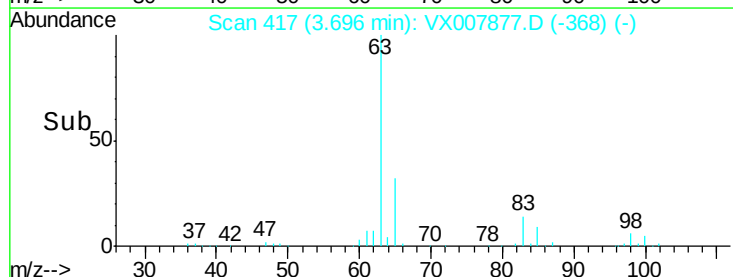
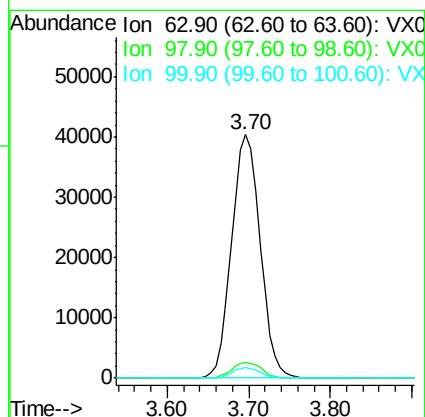
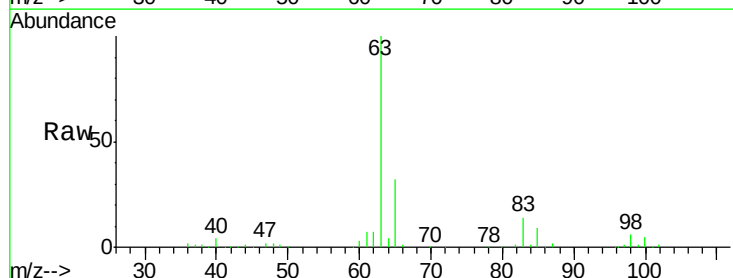
Tgt Ion: 63 Resp: 97452

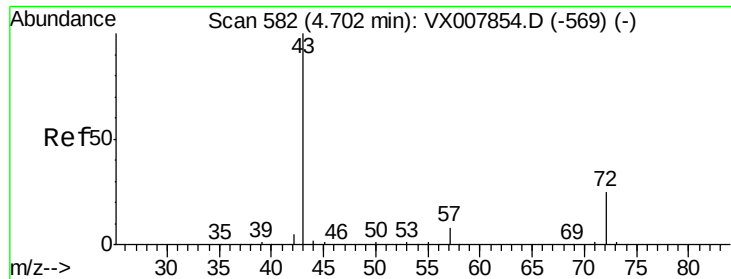
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 91.530 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS01

Tot Ion: 43 Resp: 231386

Ion Ratio Lower Upper

43 100

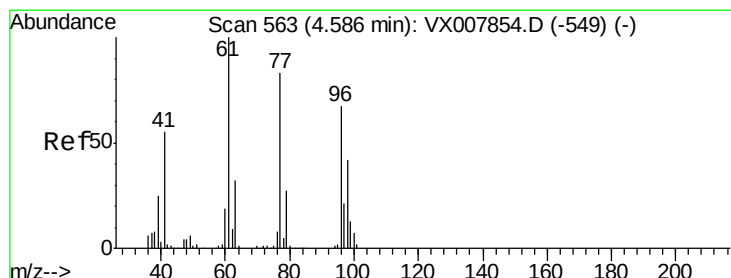
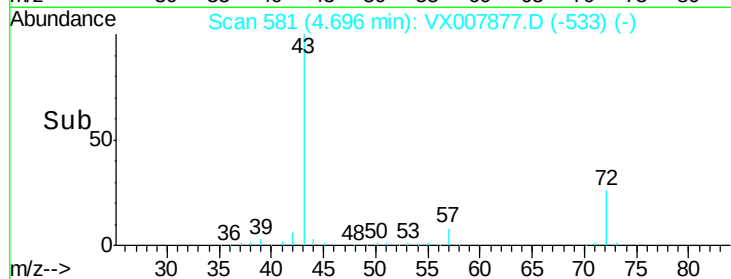
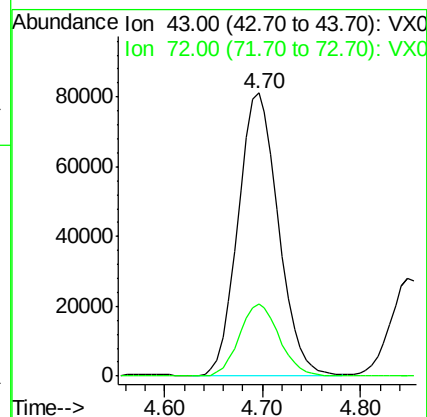
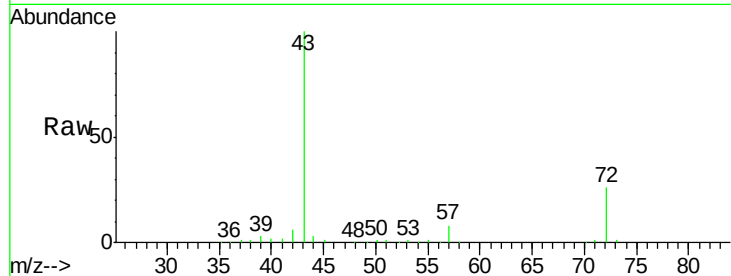
72 25.6 19.9 29.9

Manual Integrations

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MMDadoda

3/8/2019 9:40:27 AM



#26

2,2-Dichloropropane

Concen: 18.295 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007877.D

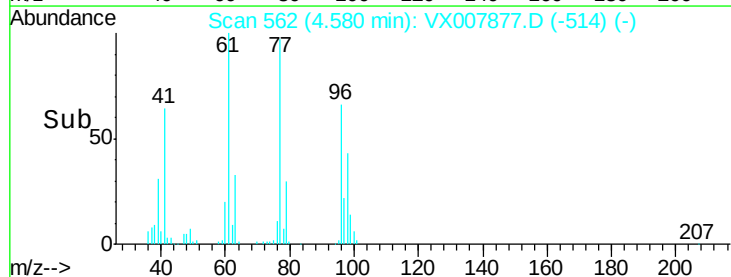
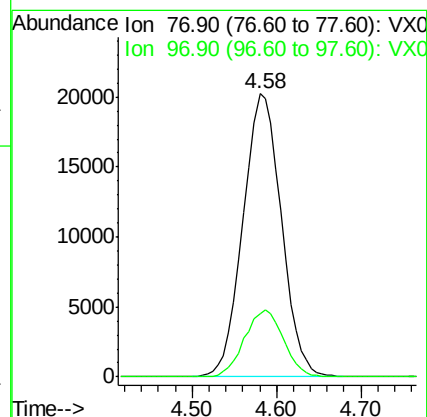
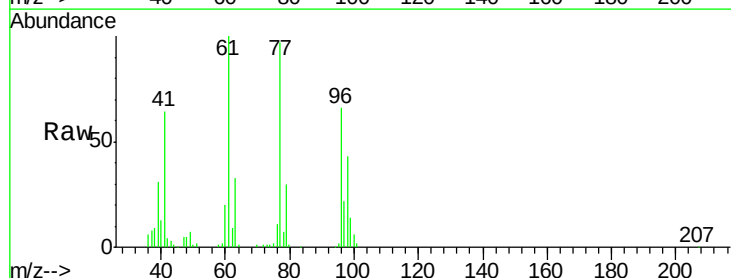
Acq: 07 Mar 2019 11:55

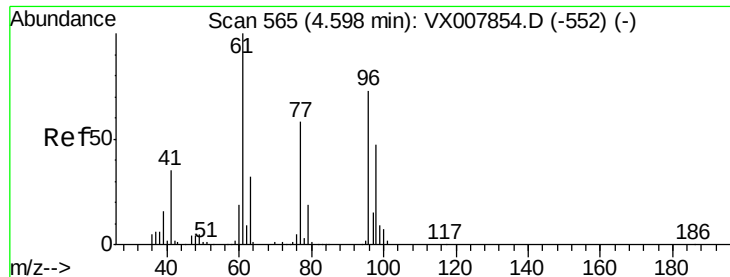
Tgt Ion: 77 Resp: 62515

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6





#27

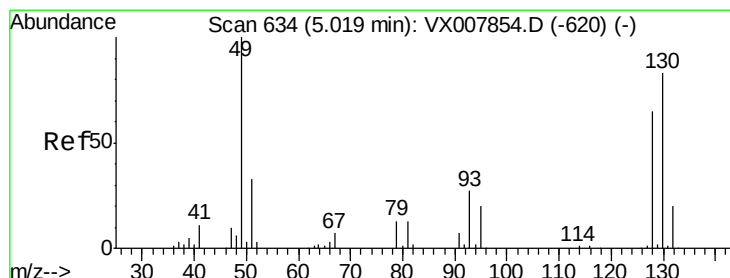
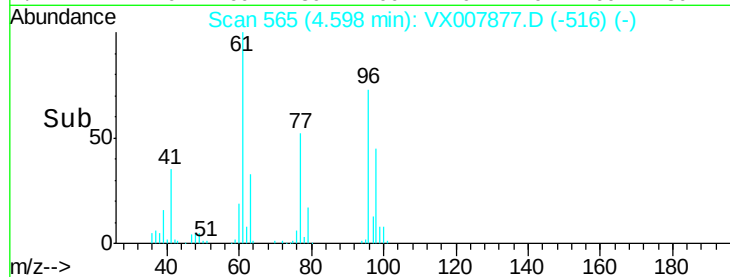
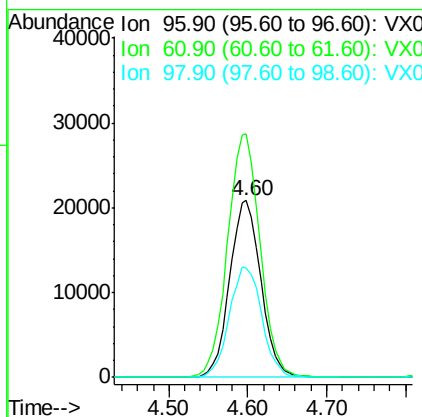
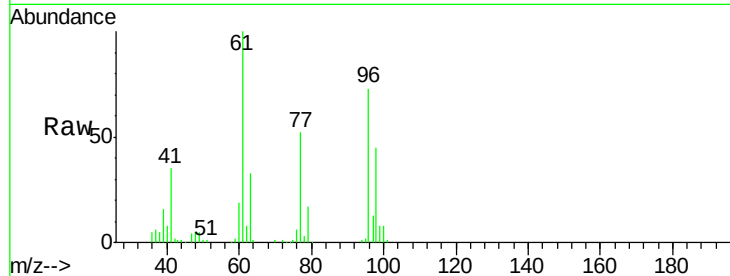
cis-1,2-Dichloroethene
Concen: 18.293 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	288.0
98	64.9	0.0	129.0

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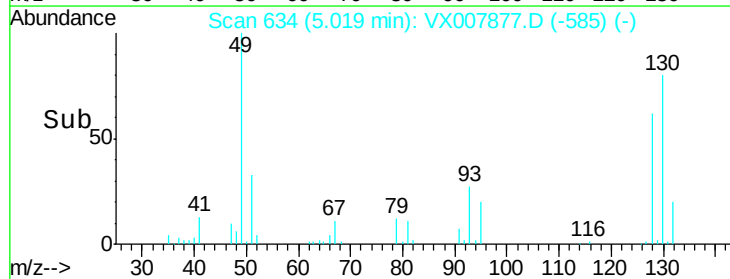
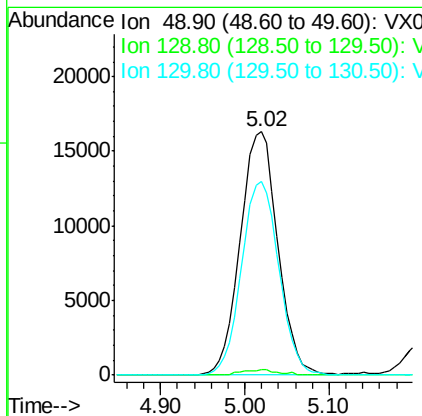
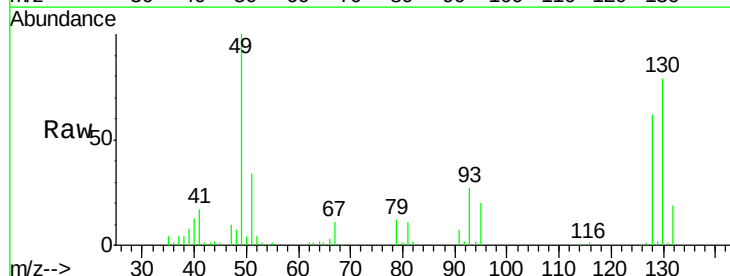
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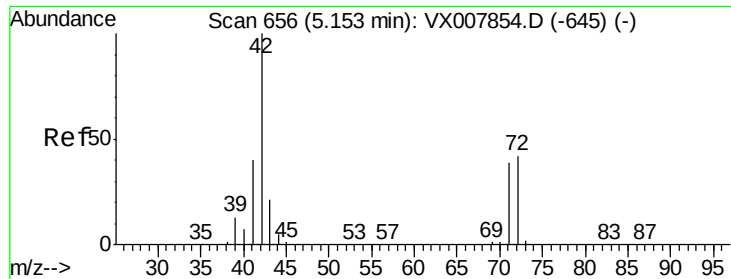


#28

Bromochloromethane
Concen: 20.539 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	79.3	65.0	97.4





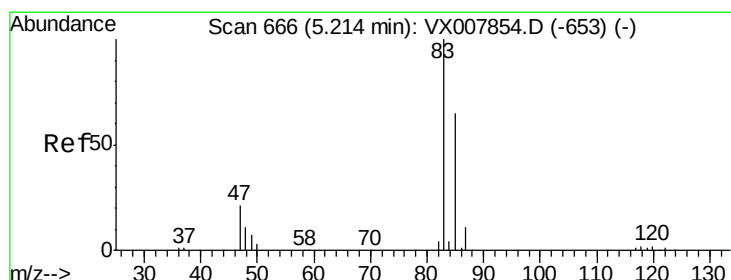
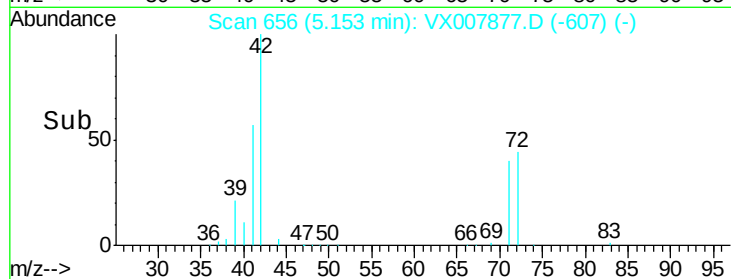
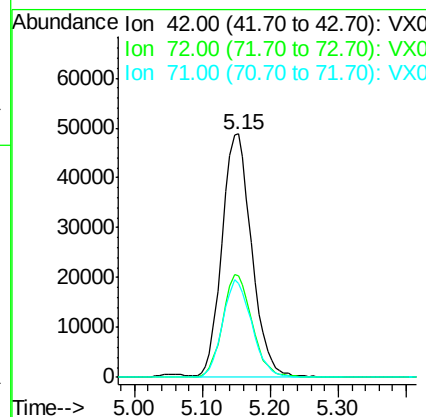
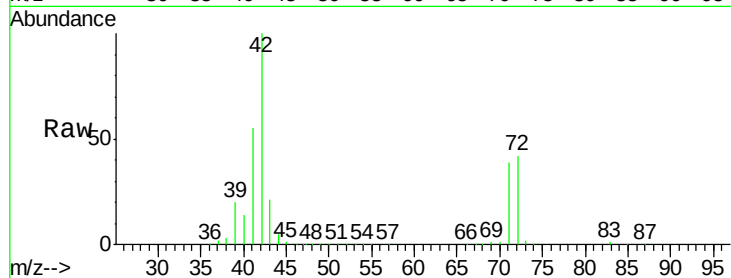
#29
Tetrahydrofuran
Concen: 93.482 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.8	50.6
71	39.5	31.5	47.3

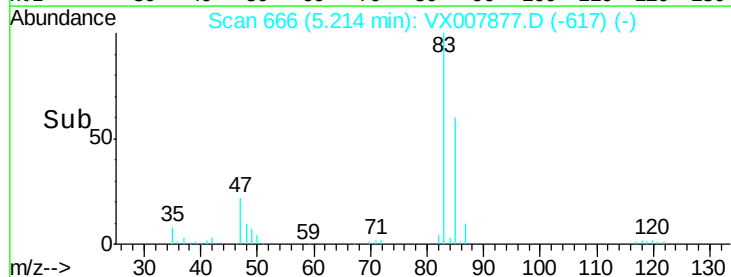
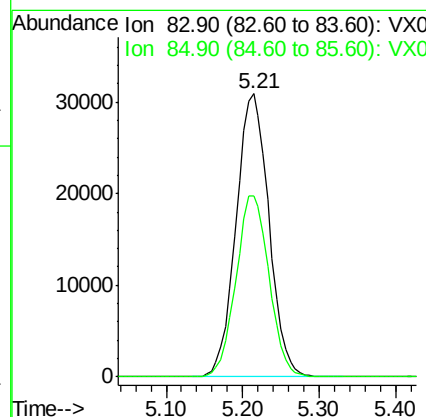
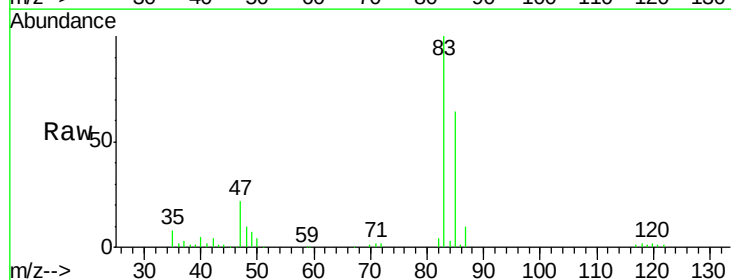
Manual Integrations
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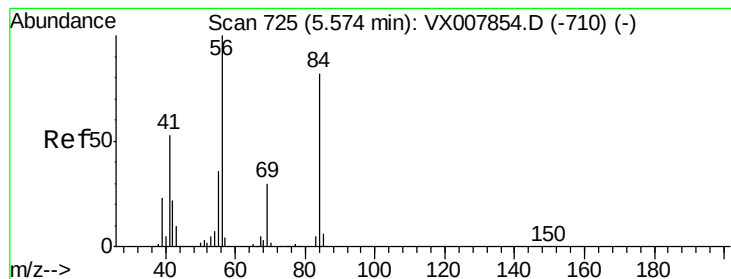
MMDadoda
3/8/2019 9:40:27 AM



#30
Chloroform
Concen: 18.818 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6





#31

Cyclohexane

Concen: 19.077 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

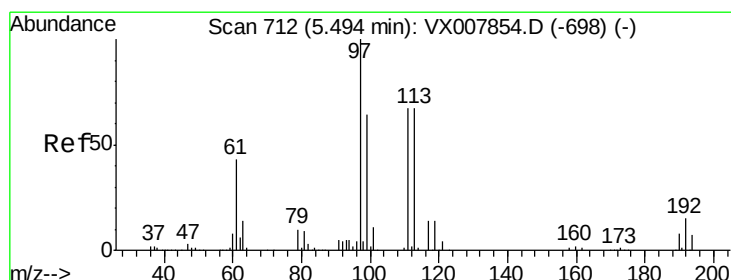
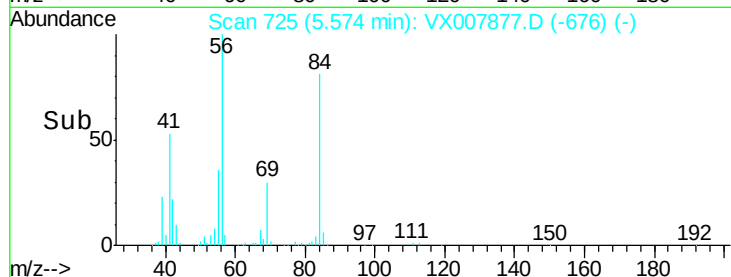
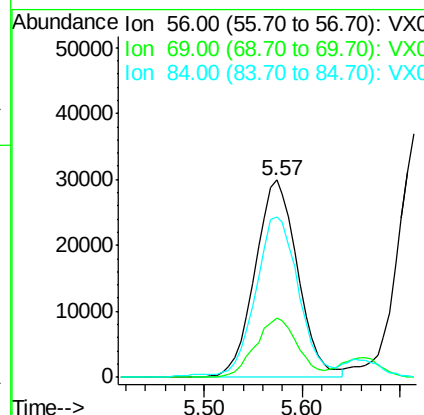
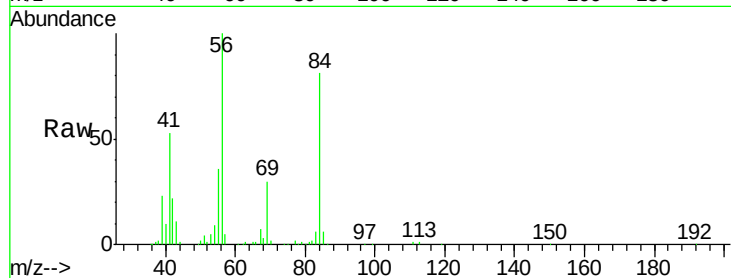
ClientSampled :

VX0307WBS01

Tot Ion:	56	Resp:	90432
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.0	36.0
84	79.7	65.3	97.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.435 ug/l

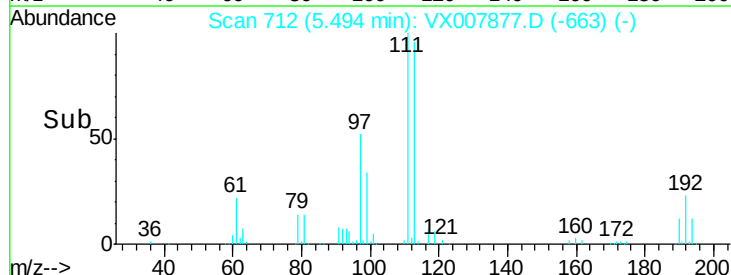
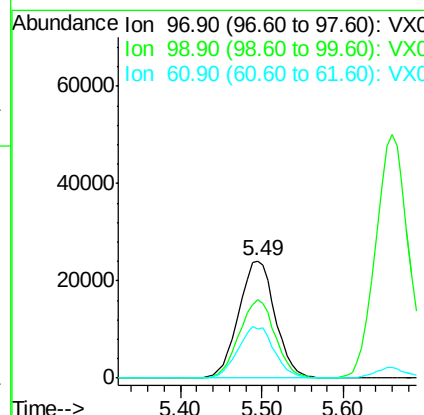
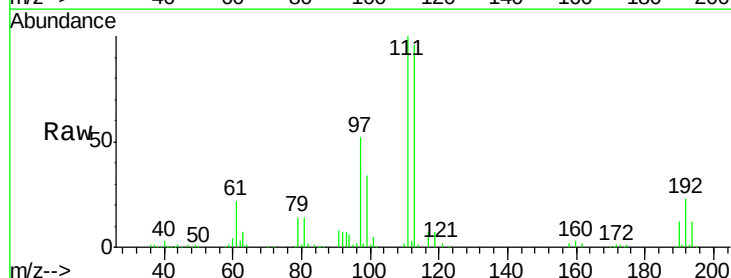
RT: 5.49 min Scan# 712

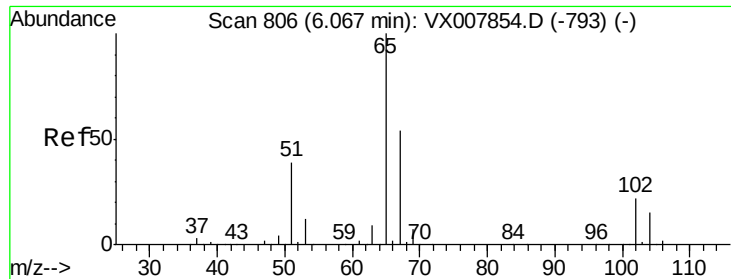
Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Tgt Ion:	97	Resp:	74624
Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.2	78.2
61	43.5	34.9	52.3





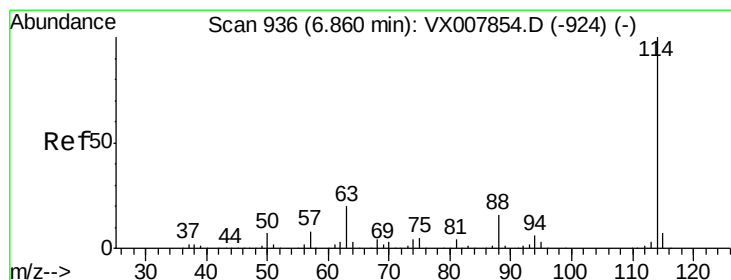
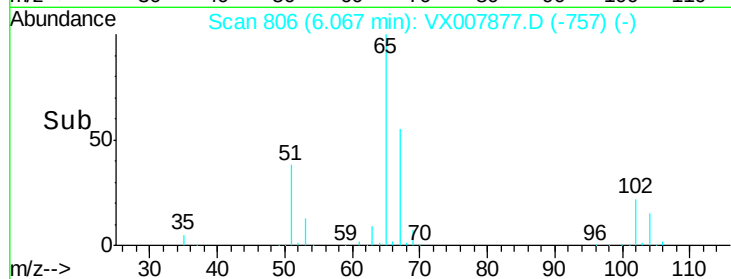
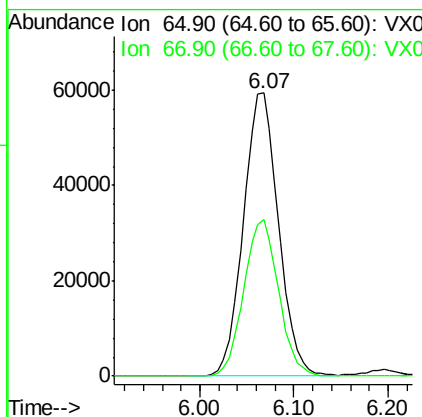
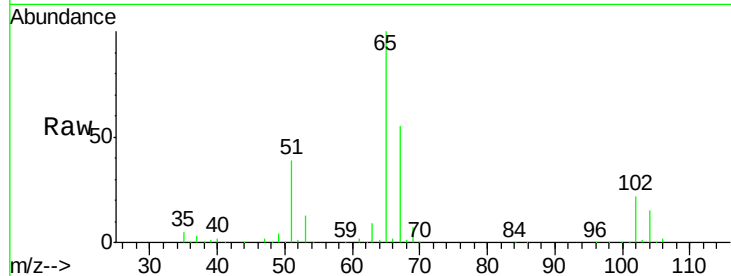
#33
 1,2-Dichloroethane-d4
 Concen: 50.293 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	155154		
67	54.6	0.0	110.0	

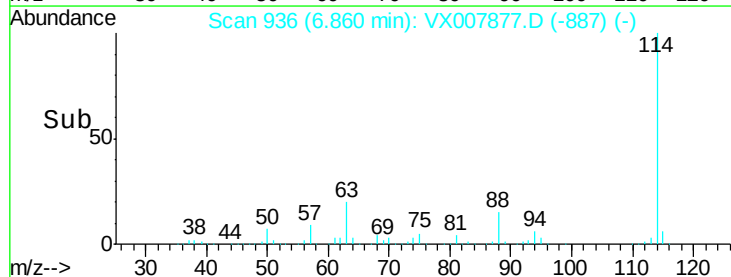
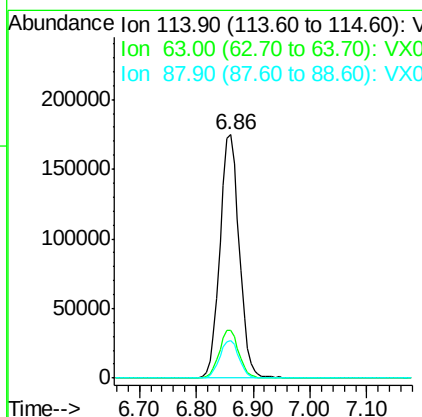
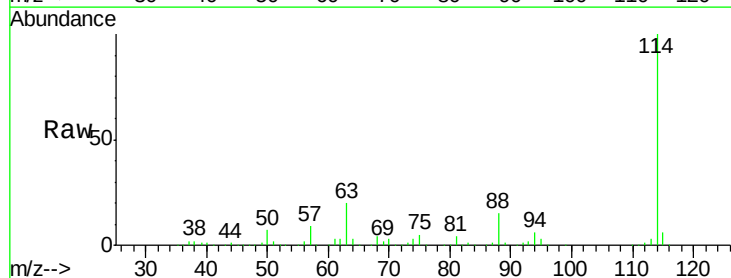
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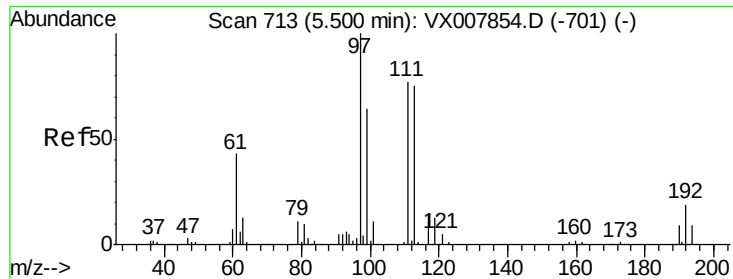
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	412254		
63	19.8	0.0	39.8	
88	15.4	0.0	31.4	





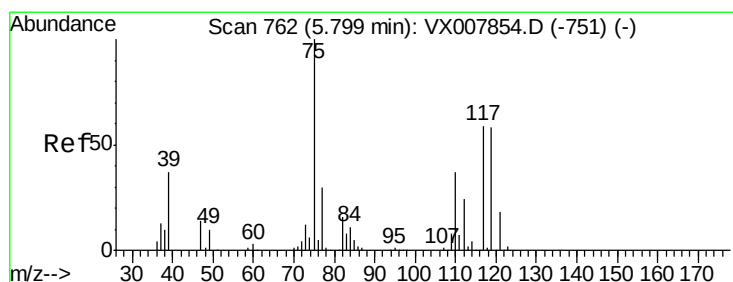
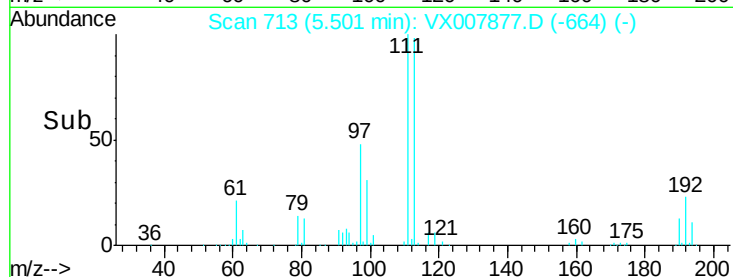
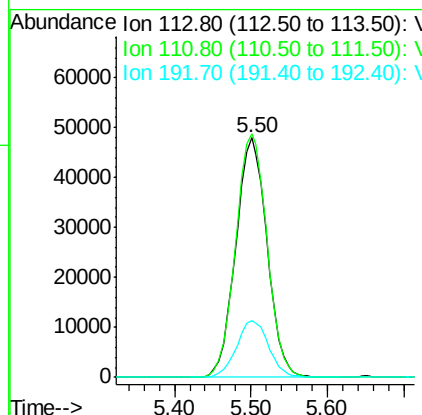
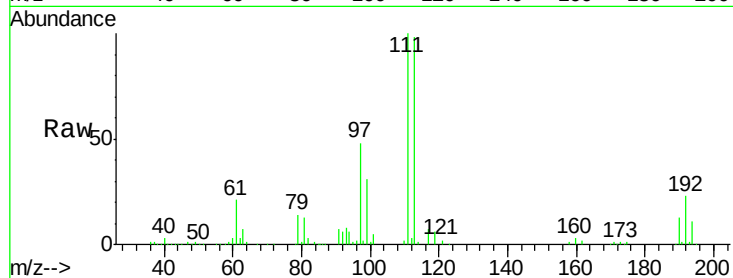
#35
 Dibromofluoromethane
 Concen: 51.456 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135693		
111	102.3	81.4	122.0	
192	24.1	19.4	29.0	

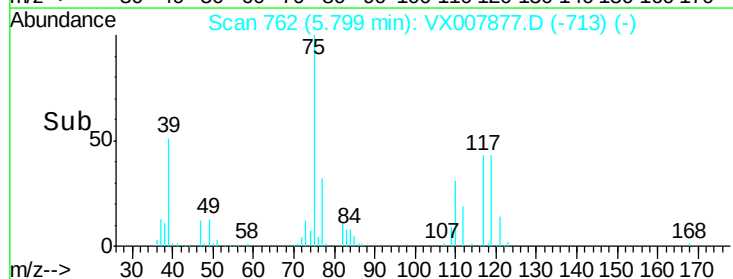
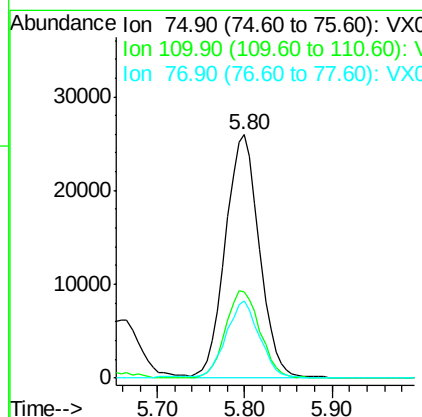
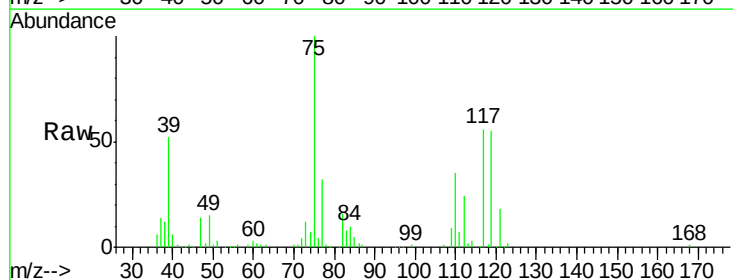
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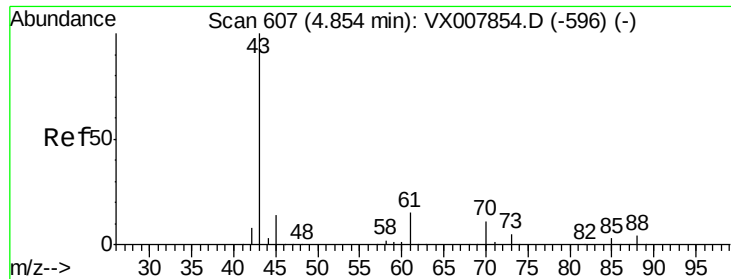
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#36
 1,1-Dichloropropene
 Concen: 18.679 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69725		
110	36.7	18.4	55.0	
77	31.4	25.0	37.4	





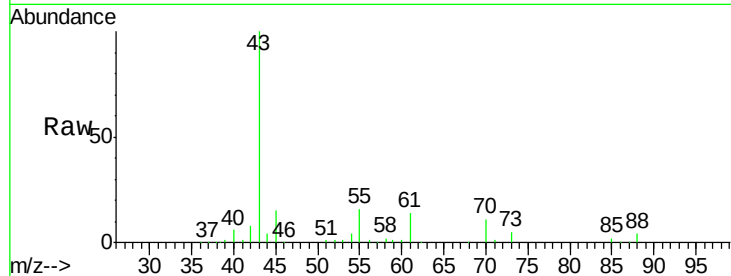
#37
Ethyl Acetate
Concen: 18.644 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampled :
VX0307WBS01

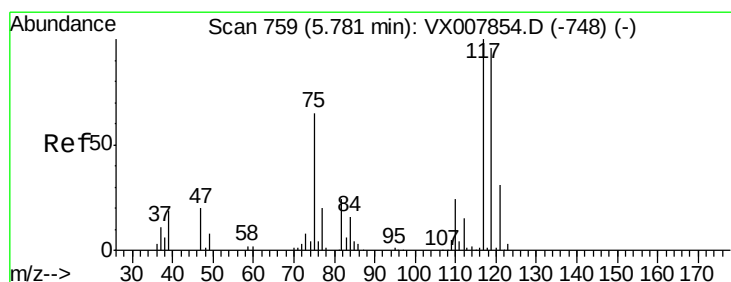
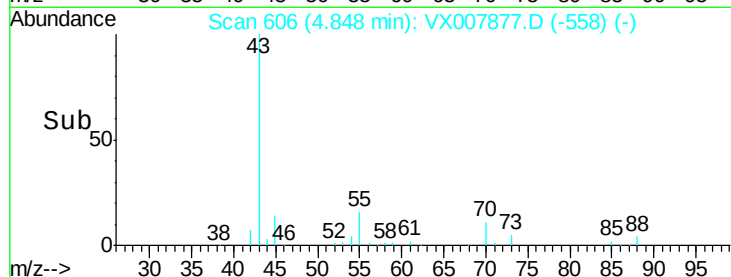
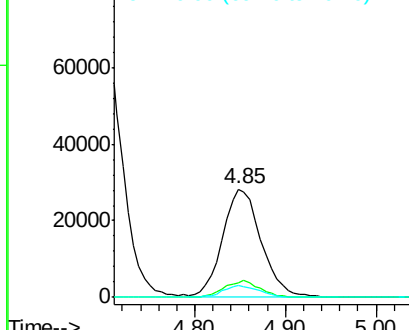
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	10.8	8.5	12.7

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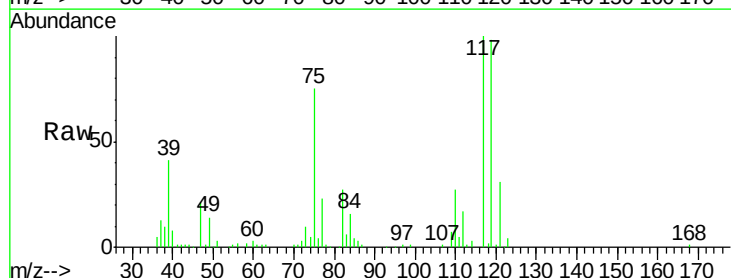


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

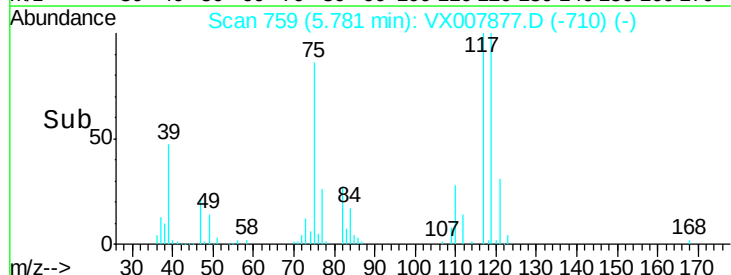
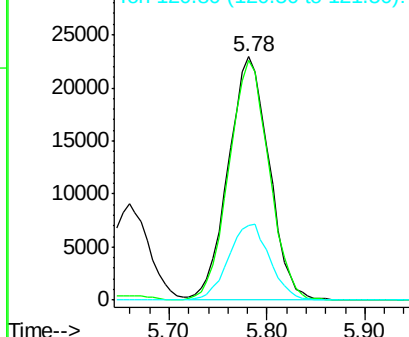


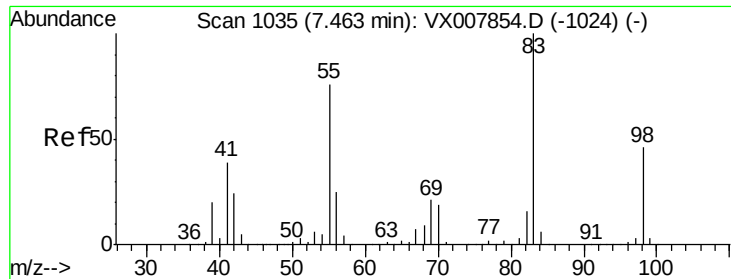
#38
Carbon Tetrachloride
Concen: 18.705 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.2	114.2
121	30.7	24.6	36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





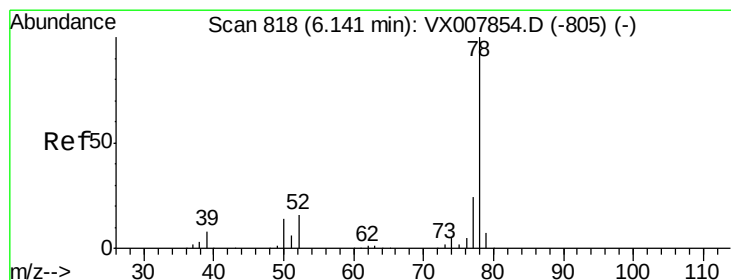
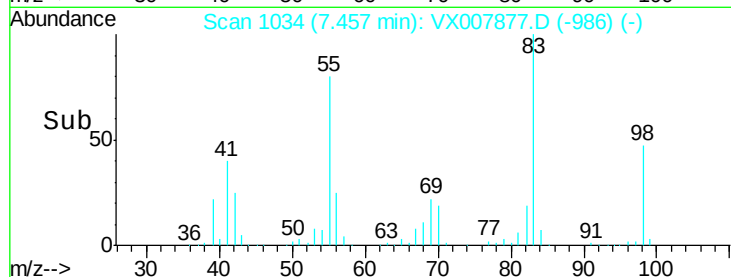
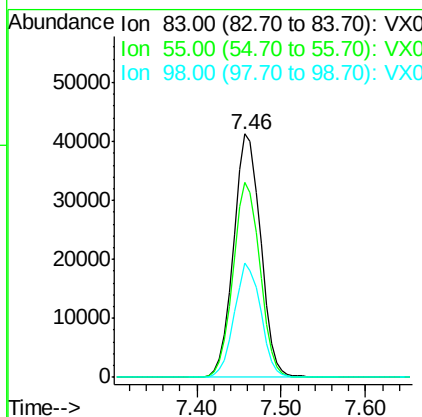
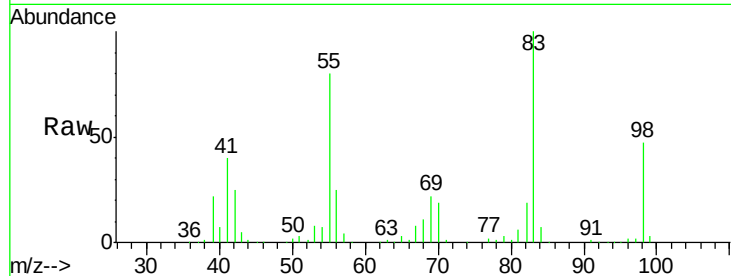
#39
Methylvlcyclohexane
Concen: 19.777 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampled :
VX0307WBS01

Tot Ion	83	Resp	89454
Ion Ratio	Lower	Upper	
83	100		
55	79.9	60.4	90.6
98	47.0	36.5	54.7

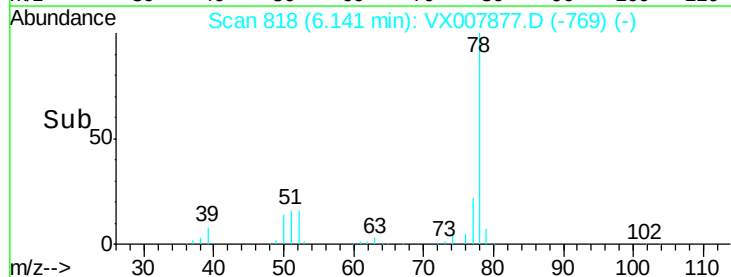
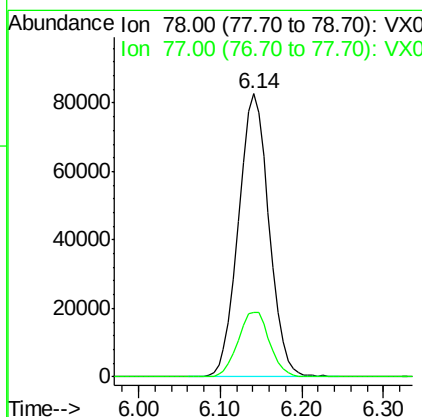
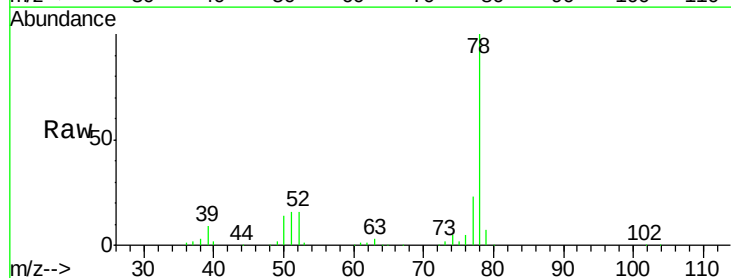
Manual Integrations
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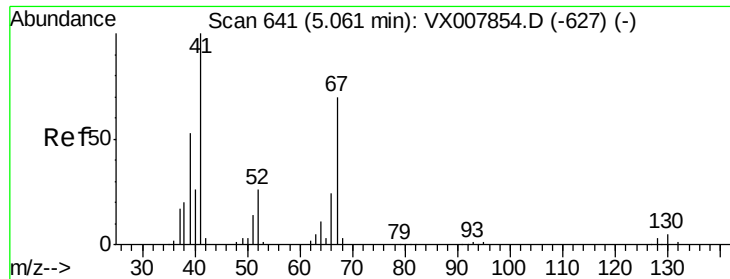
MMDadoda
3/8/2019 9:40:27 AM



#40
Benzene
Concen: 19.380 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	78	Resp	215369
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.0	28.4





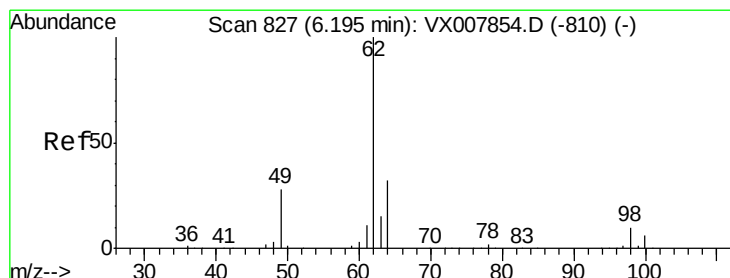
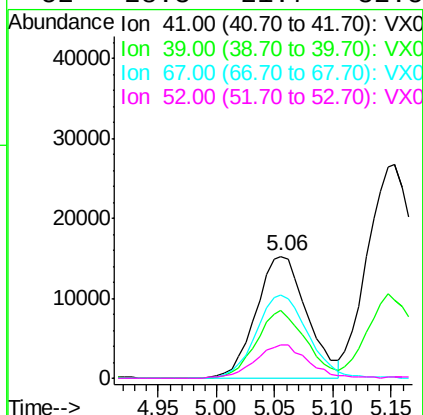
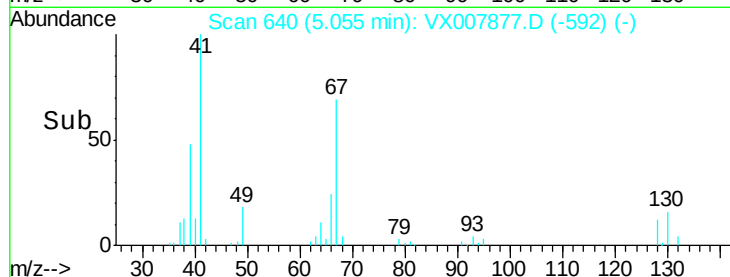
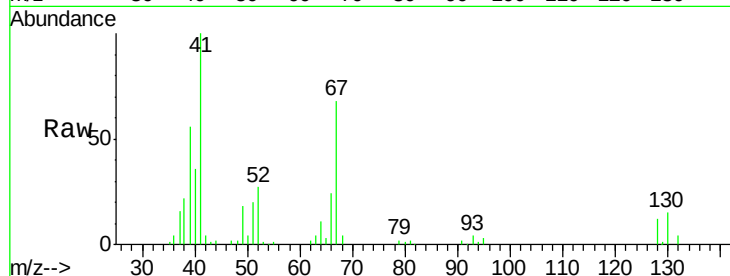
#41
Methacrylonitrile
Concen: 19.252 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.9	41.6	62.4	
67	69.4	55.8	83.6	
52	28.3	21.7	32.5	

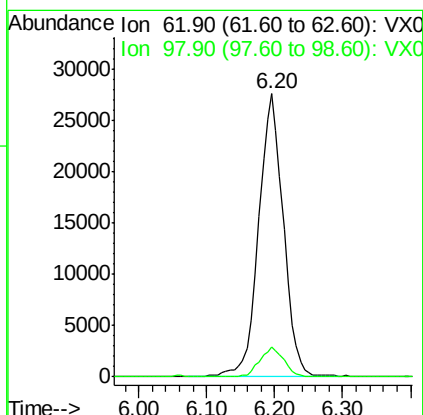
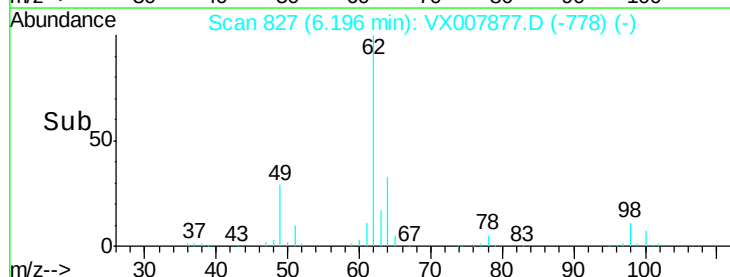
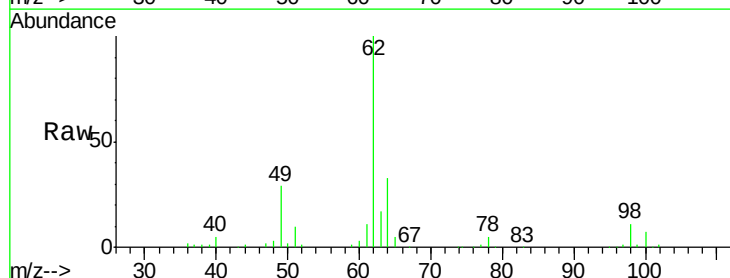
Manual Integrations
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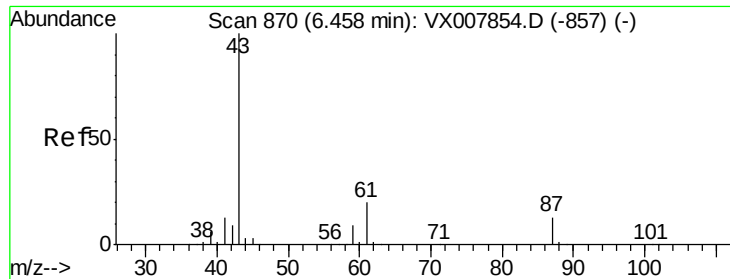
MMDadoda
3/8/2019 9:40:27 AM



#42
1,2-Dichloroethane
Concen: 19.399 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.4	





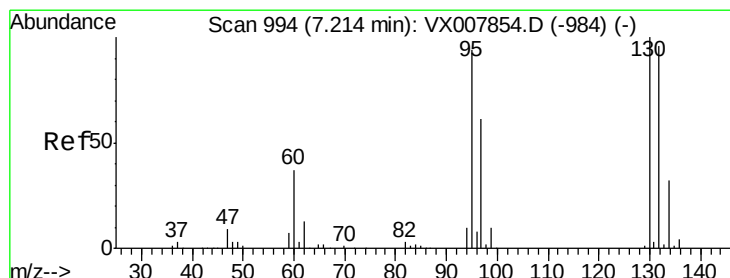
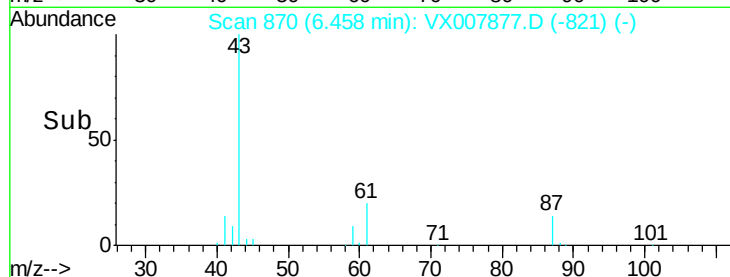
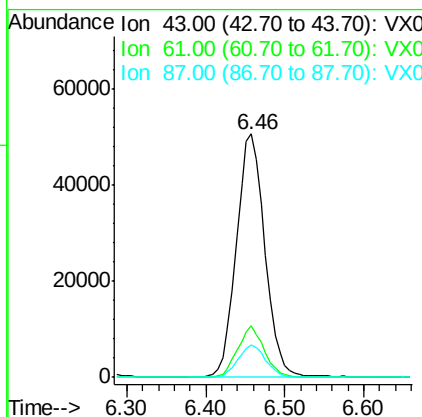
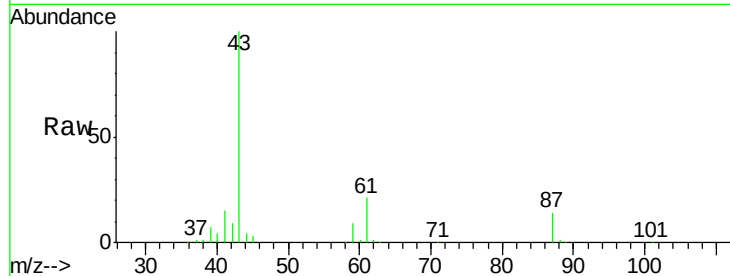
#43
Isopropyl Acetate
Concen: 19.271 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.3	24.5
87	13.1	10.5	15.7

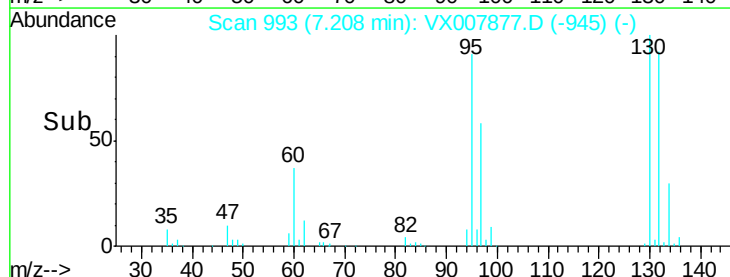
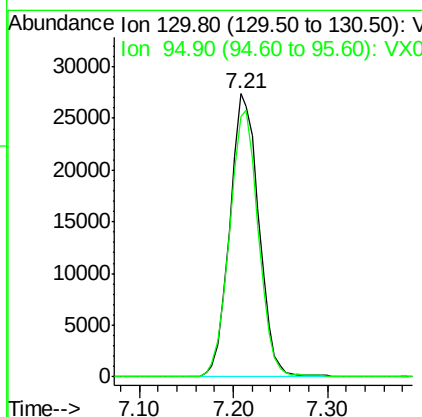
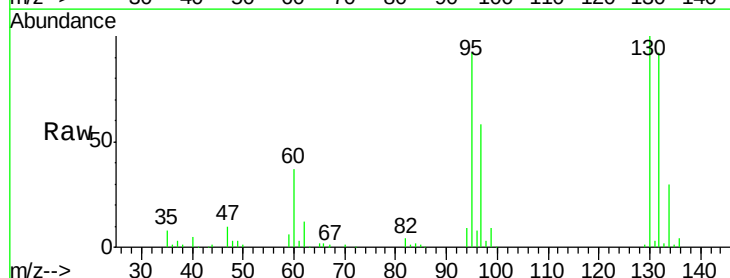
Manual Integrations
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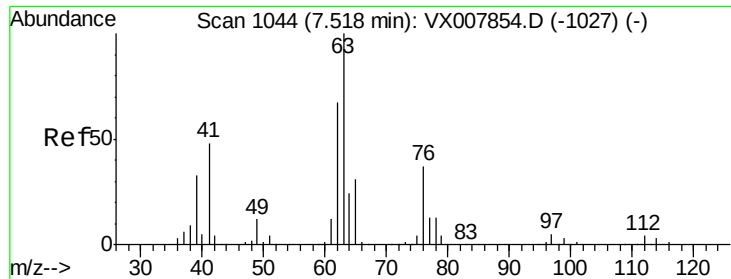
MMDadoda
3/8/2019 9:40:27 AM



#44
Trichloroethene
Concen: 19.150 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	188.0





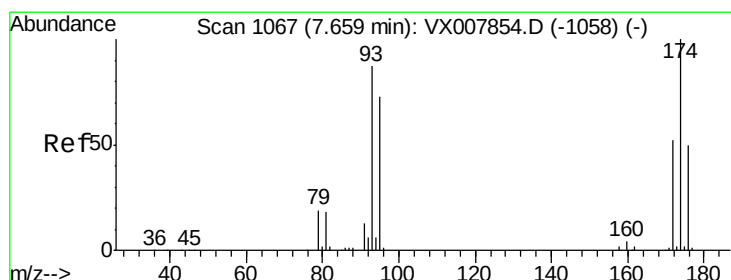
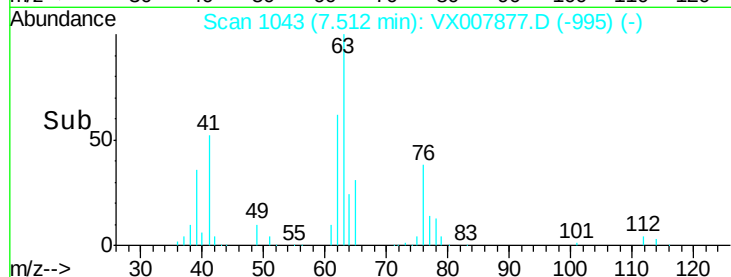
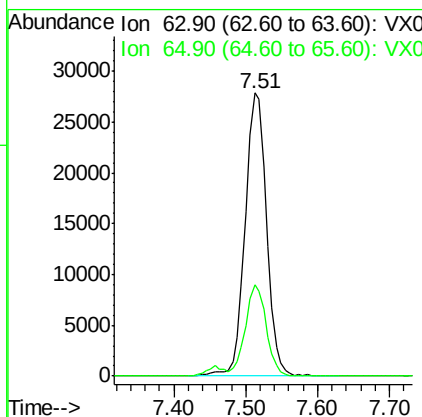
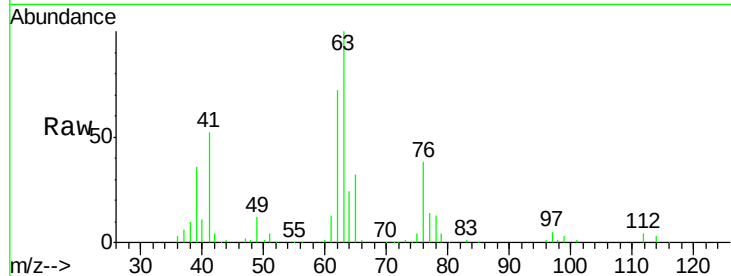
#45
 1,2-Dichloropropane
 Concen: 19.612 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS01

Tot Ion: 63 Resp: 57563
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.7 37.1

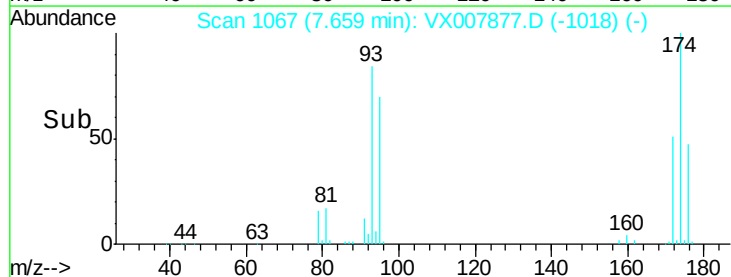
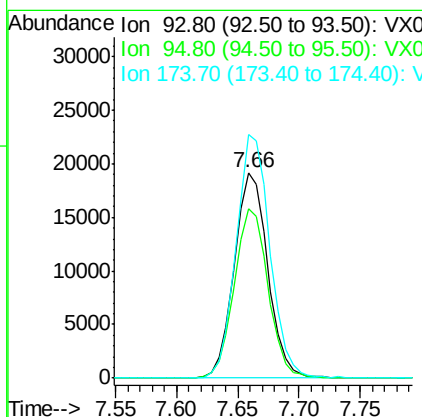
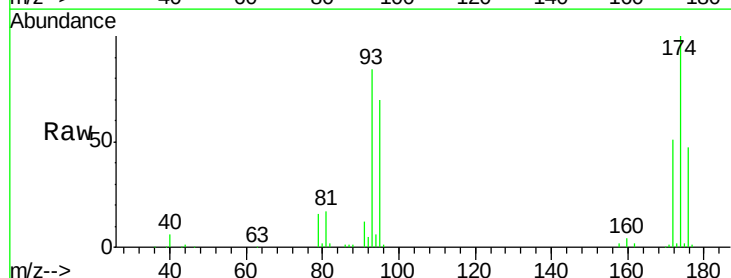
Manual Integrations
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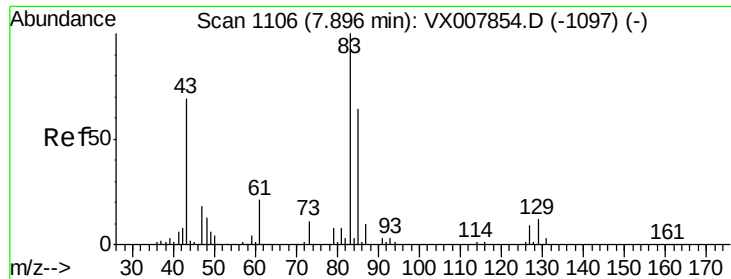
MMDadoda
 3/8/2019 9:40:27 AM



#46
 Dibromomethane
 Concen: 19.583 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Tgt Ion: 93 Resp: 36376
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 119.6 97.3 145.9





#47

Bromodichloromethane

Concen: 19.026 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

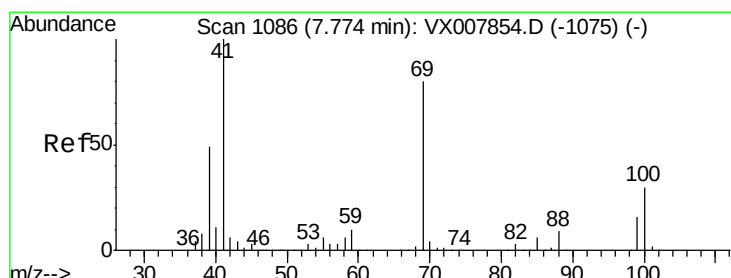
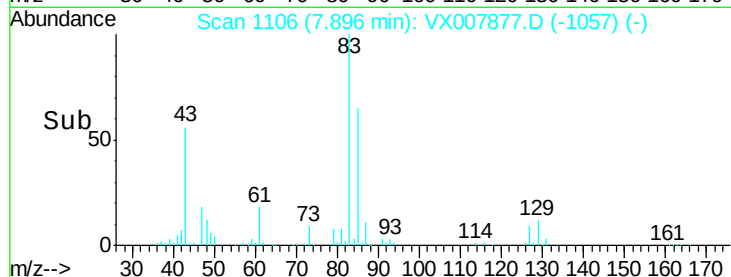
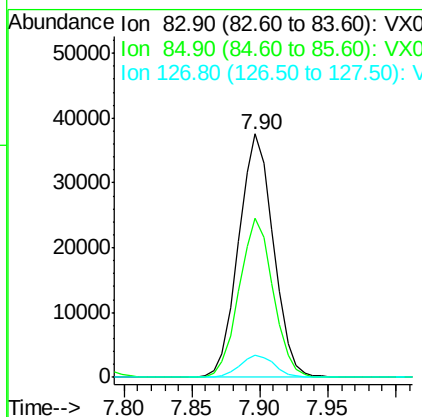
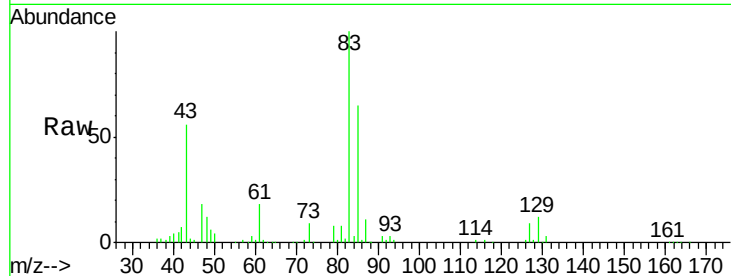
ClientSampleId :

VX0307WBS01

Tot Ion:	83	Resp:	67006
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.9	76.3
127	9.2	7.4	11.0

Manual Integrations
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MMDadoda
3/8/2019 9:40:27 AM



#48

Methyl methacrylate

Concen: 19.559 ug/l

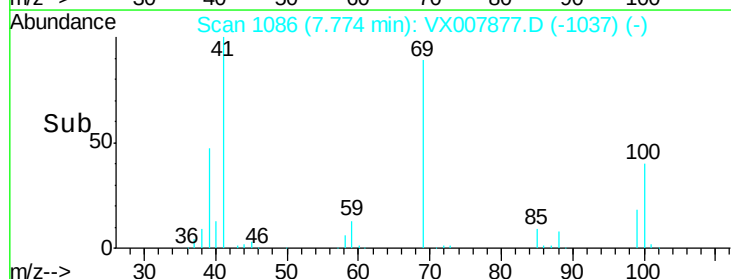
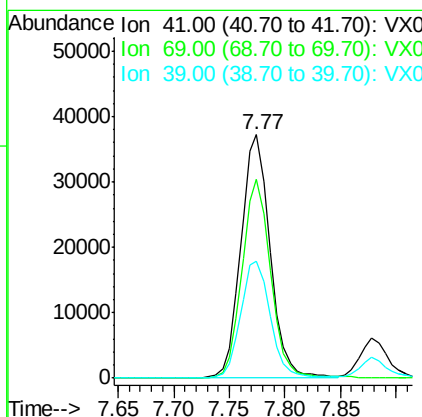
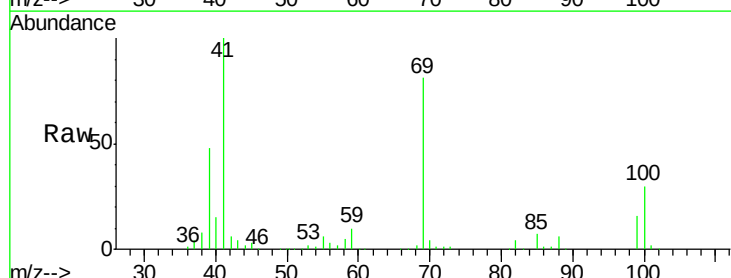
RT: 7.77 min Scan# 1086

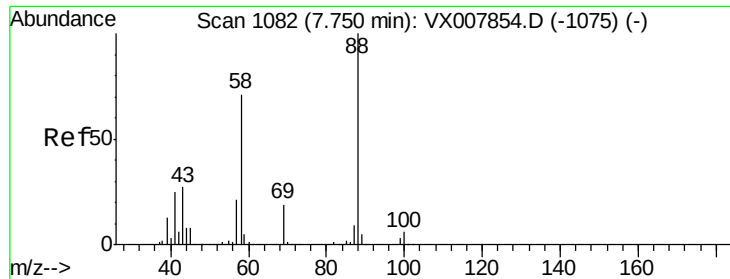
Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Tgt Ion:	41	Resp:	67416
Ion	Ratio	Lower	Upper
41	100		
69	80.8	65.2	97.8
39	49.4	39.4	59.2





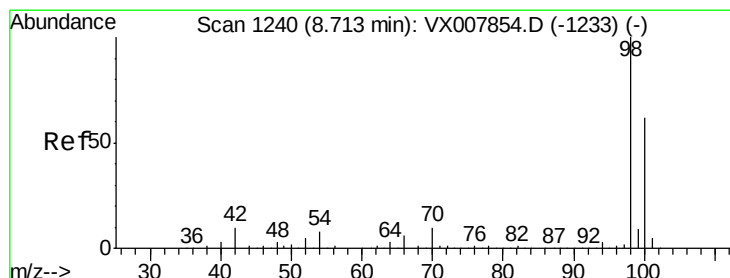
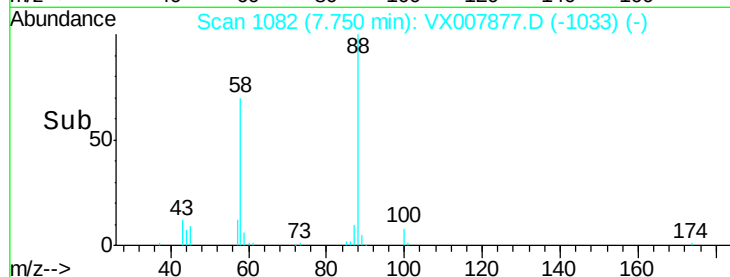
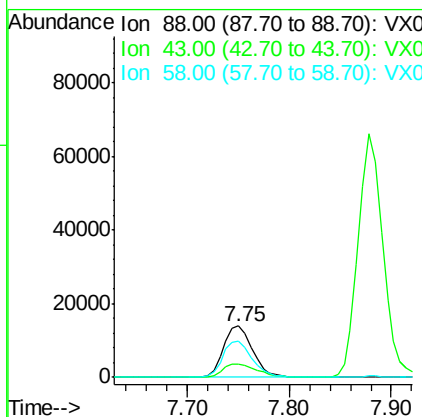
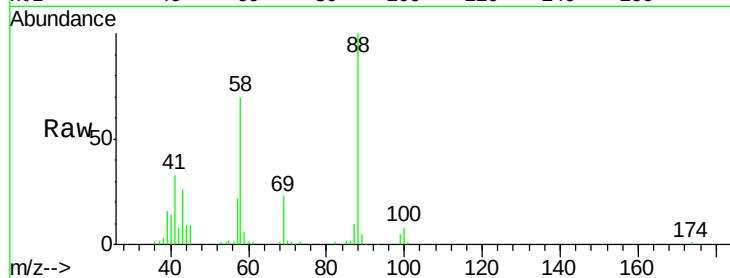
#49
1,4-Dioxane
Concen: 393.782 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	25.1	37.7
58	72.2	57.8	86.6

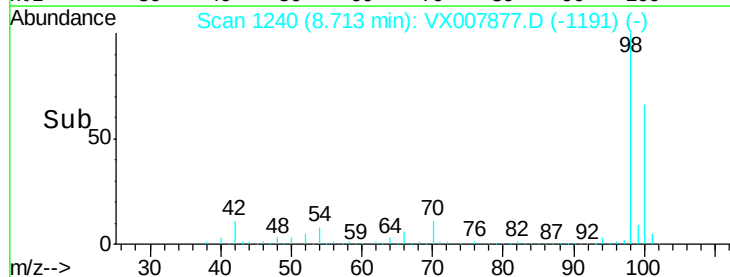
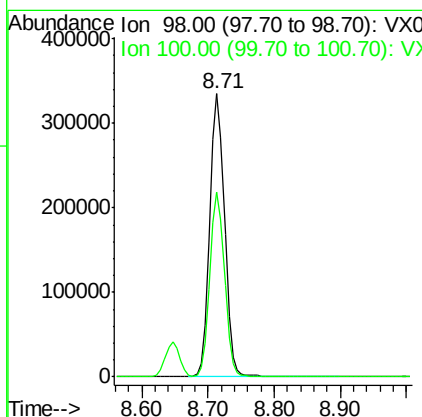
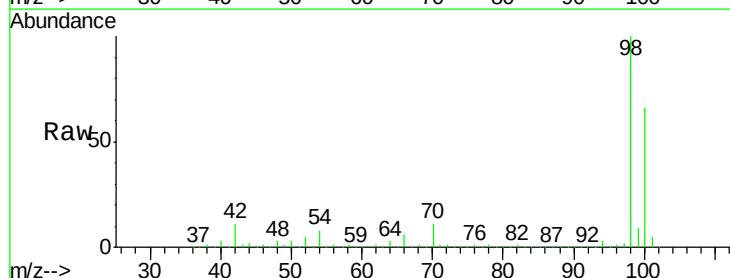
Manual Integrations
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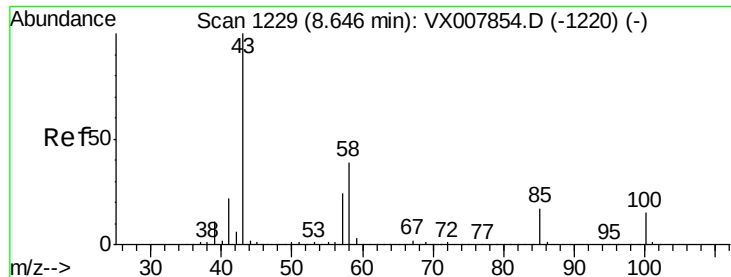
MMDadoda
3/8/2019 9:40:27 AM



#50
Toluene-d8
Concen: 53.903 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 100.247 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS01

Tot Ion: 43 Resp: 422656

Ion Ratio Lower Upper

43 100

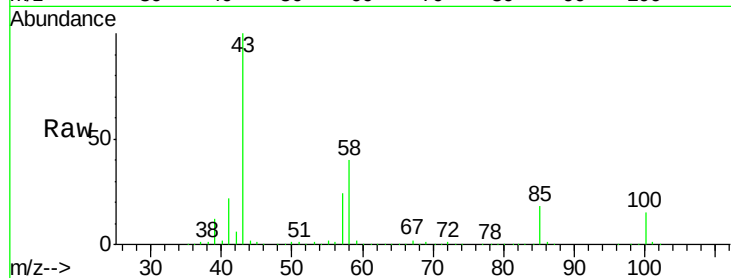
58 39.3 31.3 46.9

Manual Integrations

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3/8/2019 9:40:27 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

250000

200000

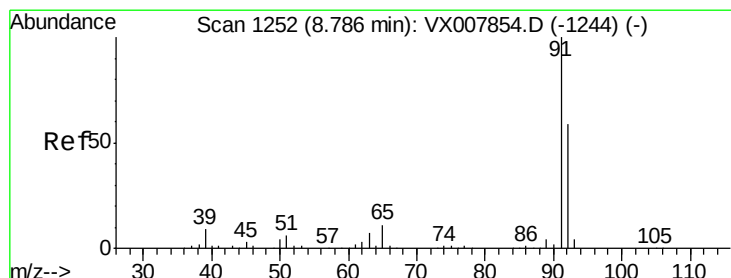
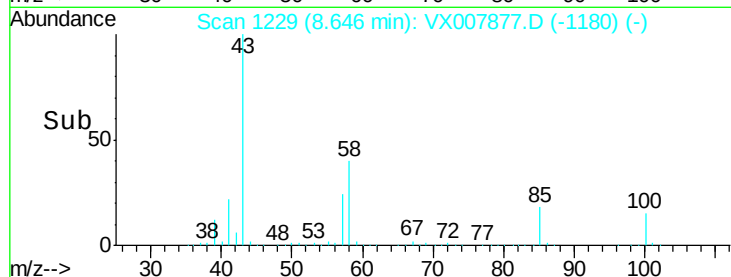
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.874 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007877.D

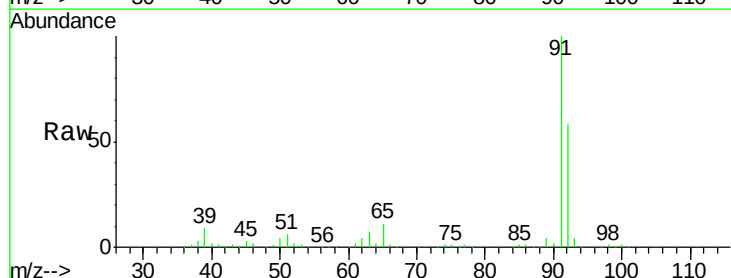
Acq: 07 Mar 2019 11:55

Tgt Ion: 92 Resp: 134843

Ion Ratio Lower Upper

92 100

91 172.4 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

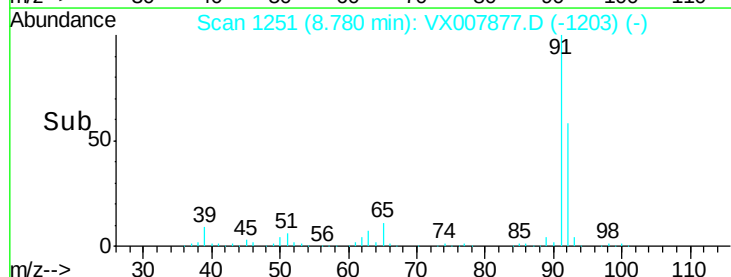
150000

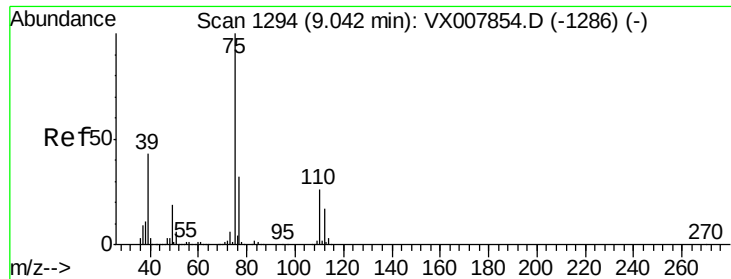
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.891 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

VX0307WBS01

Tot Ion: 75 Resp: 69439

Ion Ratio Lower Upper

75 100

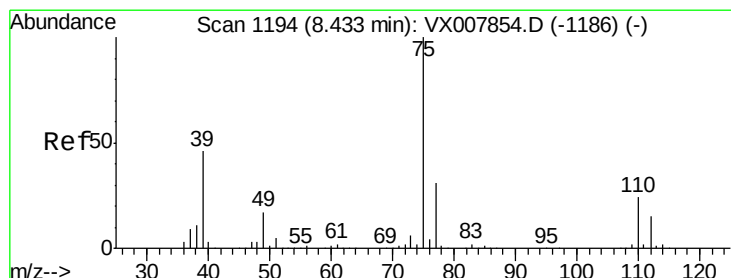
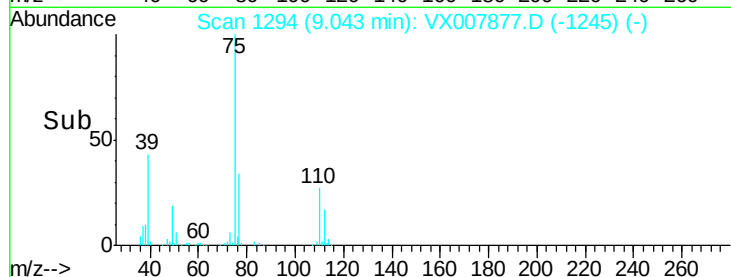
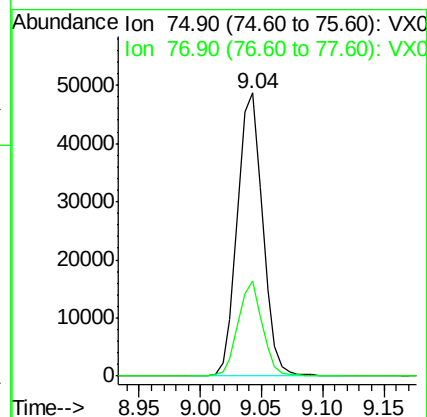
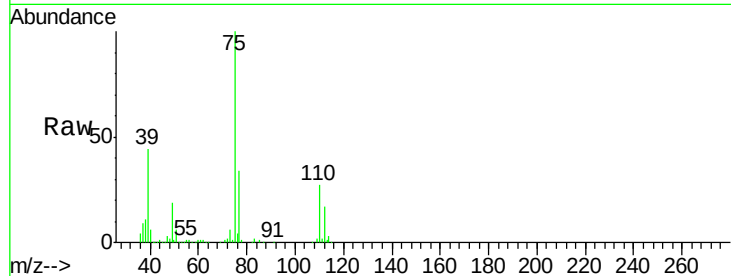
77 33.5 25.4 38.0

Manual Integrations

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3/8/2019 9:40:27 AM



#54

cis-1,3-Dichloropropene

Concen: 19.287 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

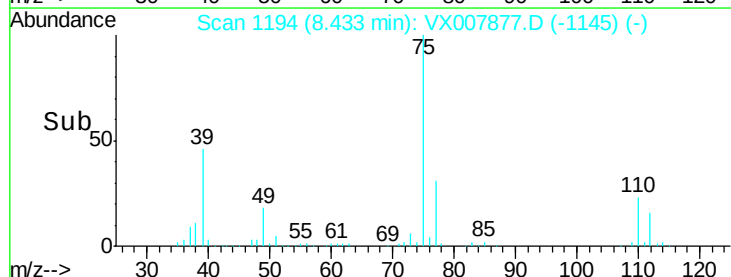
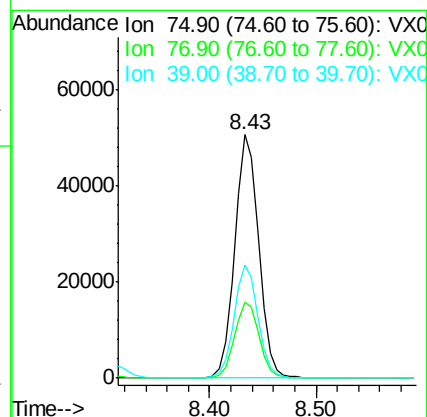
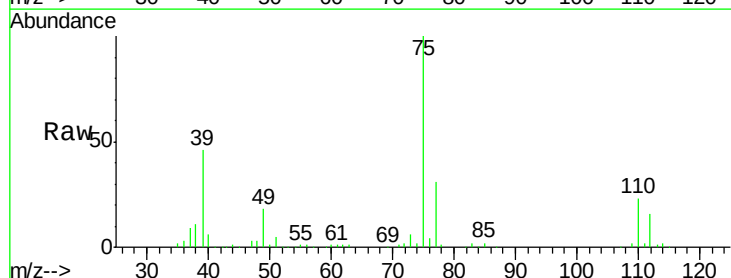
Tgt Ion: 75 Resp: 80057

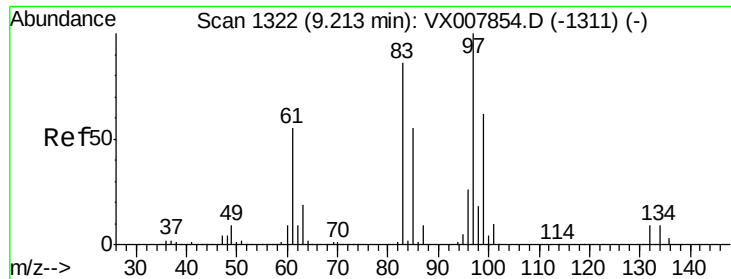
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 46.1 36.6 54.8





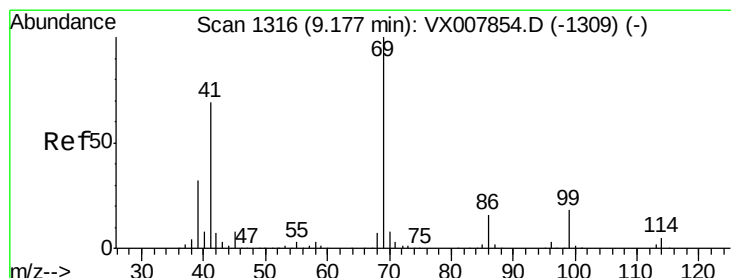
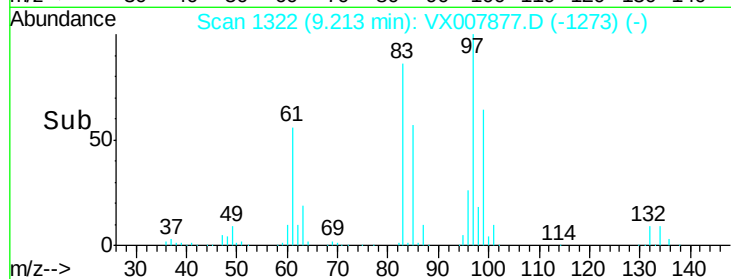
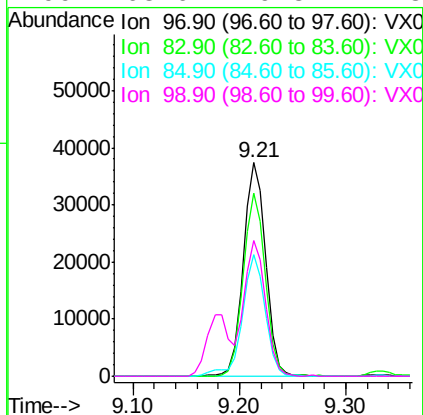
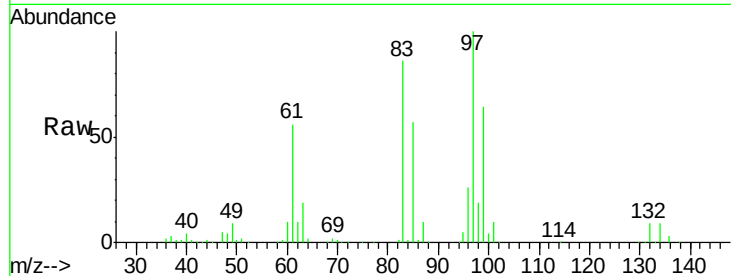
#55
 1,1,2-Trichloroethane
 Concen: 20.086 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS01

Tot Ion:	97	Resp:	55166
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.1	103.7
85	56.8	44.3	66.5
99	63.6	49.8	74.8

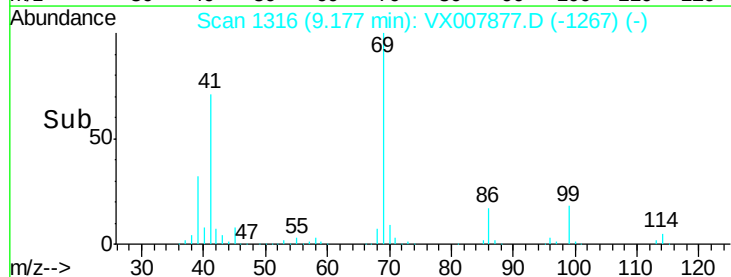
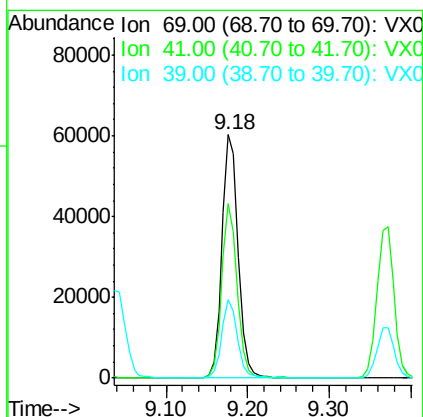
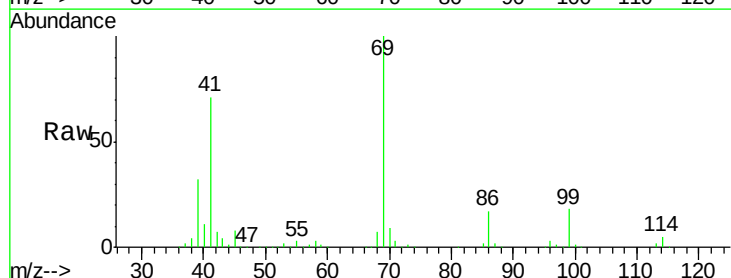
Manual Integrations
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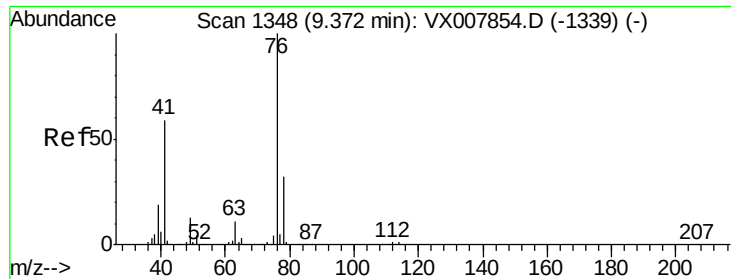
MMDadoda
 3/8/2019 9:40:27 AM



#56
 Ethyl methacrylate
 Concen: 20.225 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Tgt Ion:	69	Resp:	83403
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.2	81.4
39	31.1	25.0	37.4





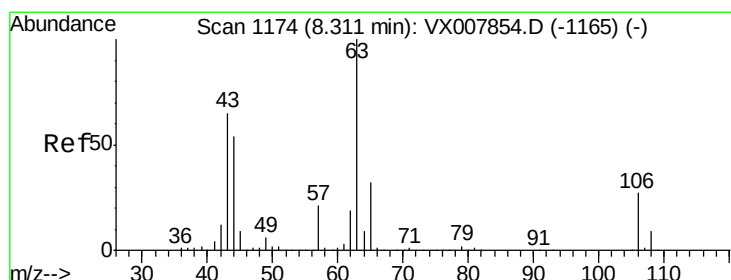
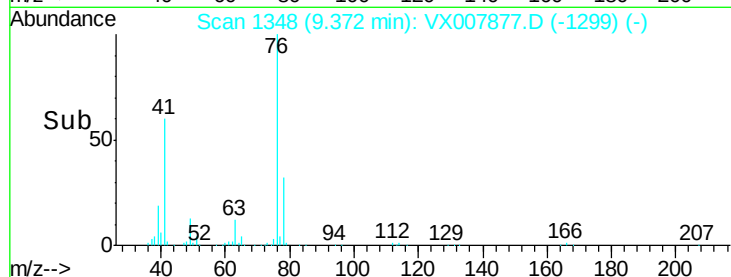
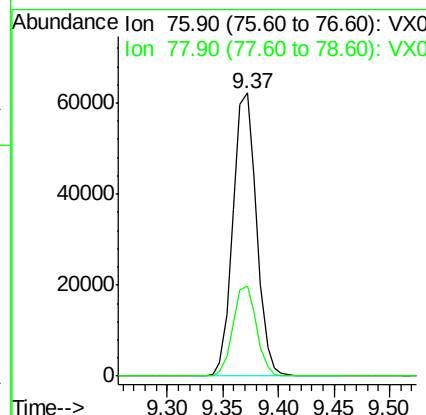
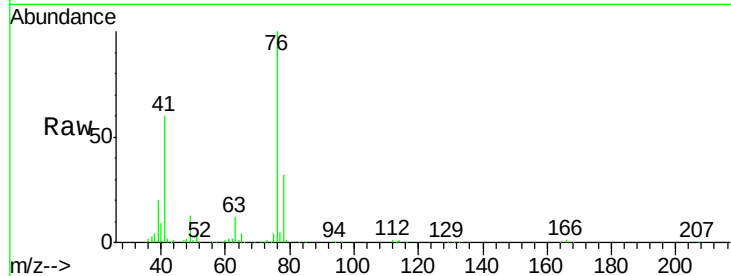
#57
 1,3-Dichloropropane
 Concen: 19.800 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS01

Tot Ion: 76 Resp: 91310
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3

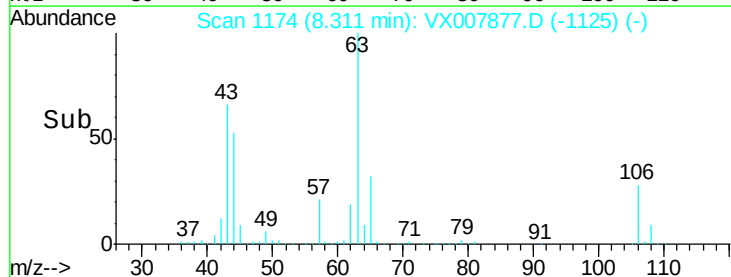
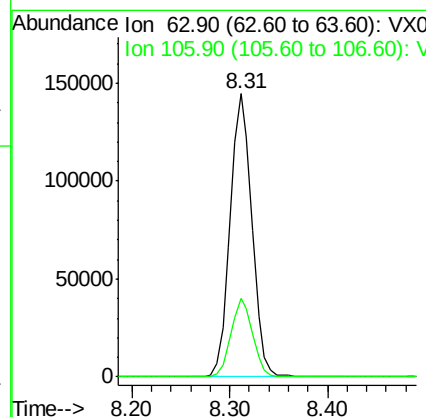
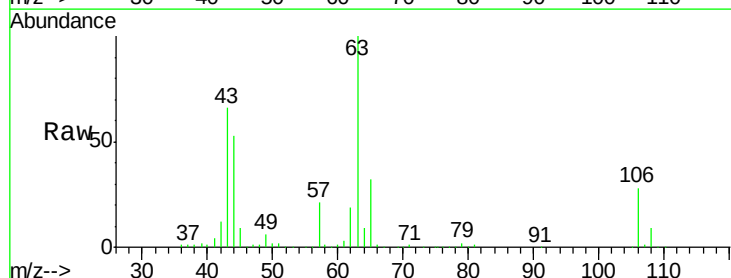
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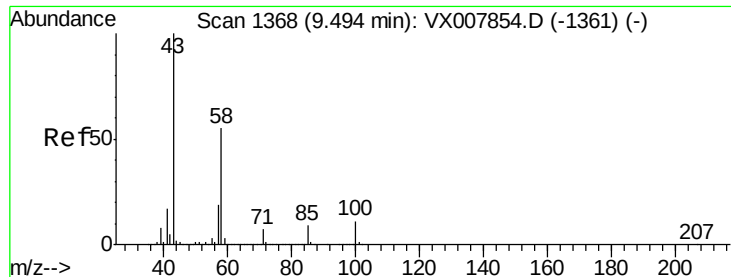
MMDadoda
 3/8/2019 9:40:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.633 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Tgt Ion: 63 Resp: 223196
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.2 33.2





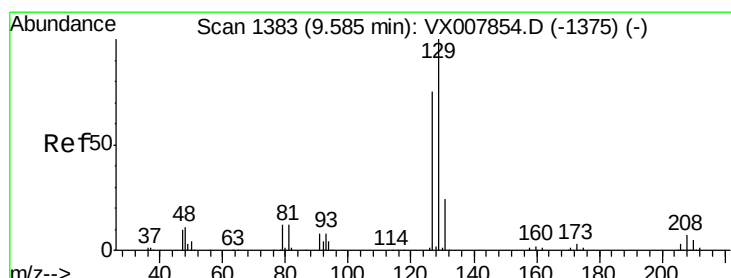
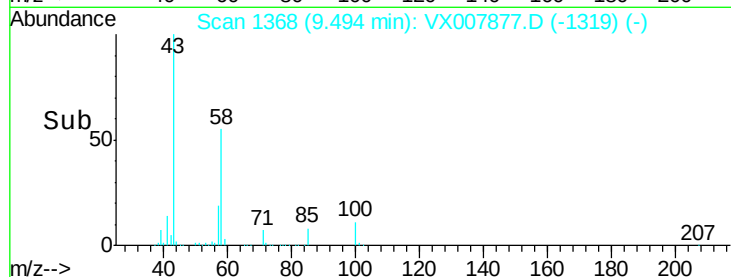
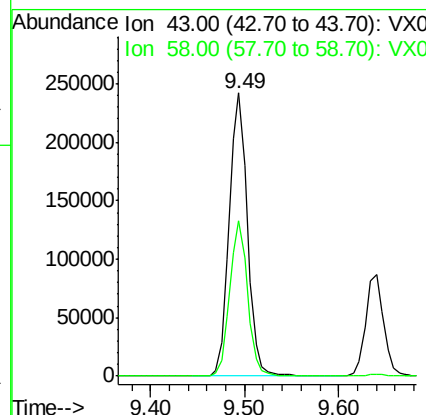
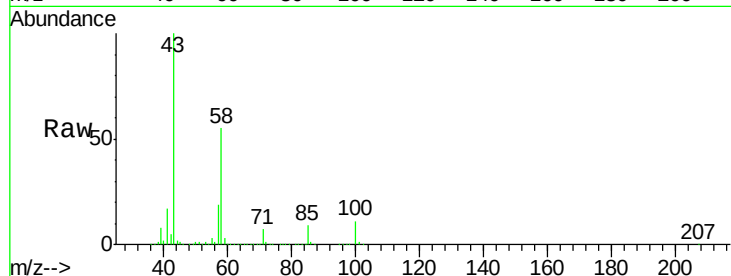
#59
2-Hexanone
Concen: 99.469 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion: 43 Resp: 325593
Ion Ratio Lower Upper
43 100
58 54.0 27.6 82.7

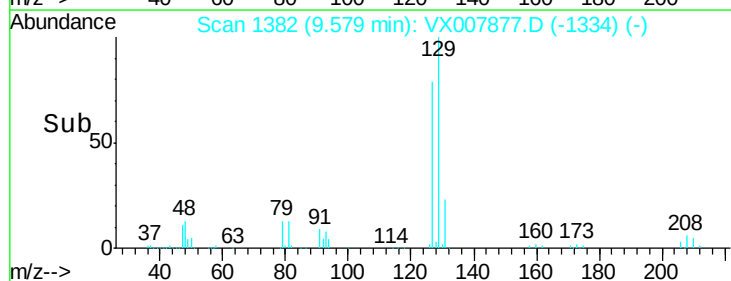
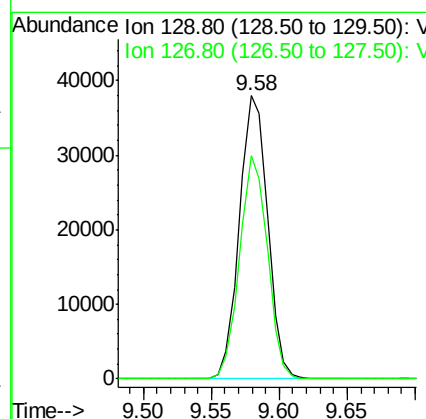
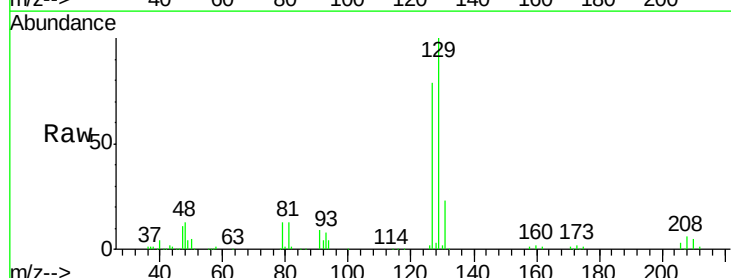
Manual Integrations
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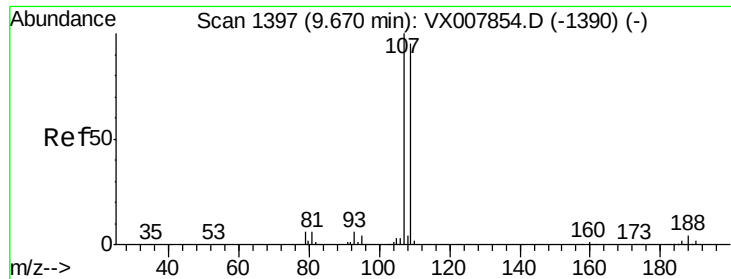
MMDadoda
3/8/2019 9:40:27 AM



#60
Dibromochloromethane
Concen: 19.182 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion: 129 Resp: 55067
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.589 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS01

Tot Ion:107 Resp: 57122

Ion Ratio Lower Upper

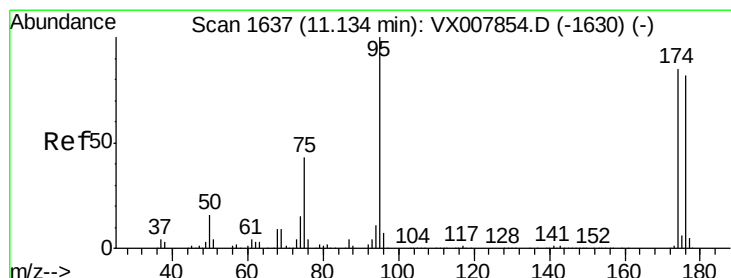
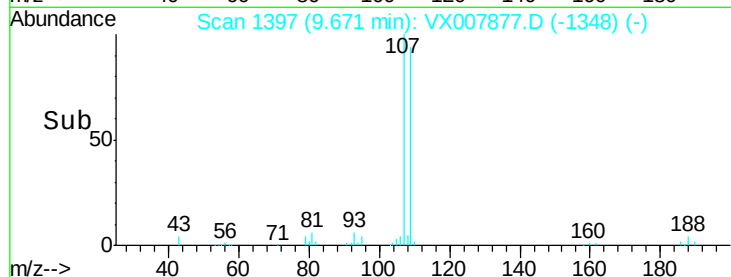
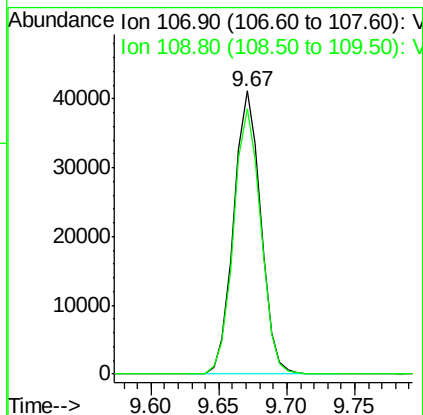
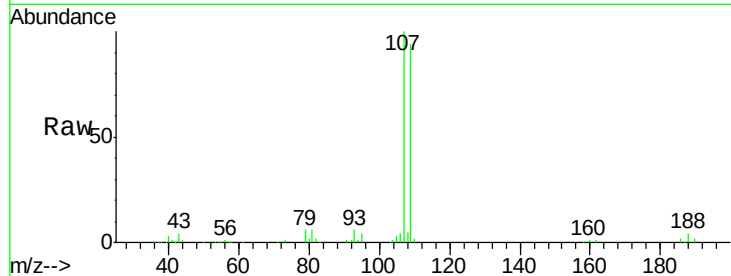
107 100

109 94.6 75.8 113.8

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3/8/2019 9:40:27 AM



#62

4-Bromofluorobenzene

Concen: 55.232 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

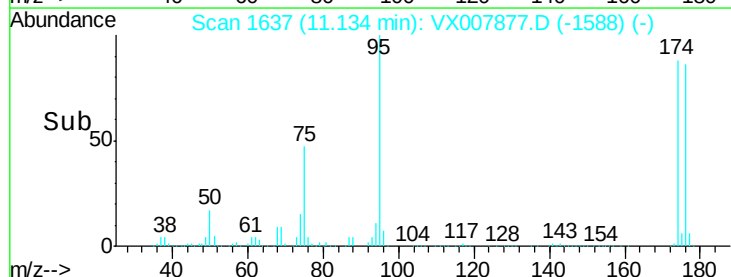
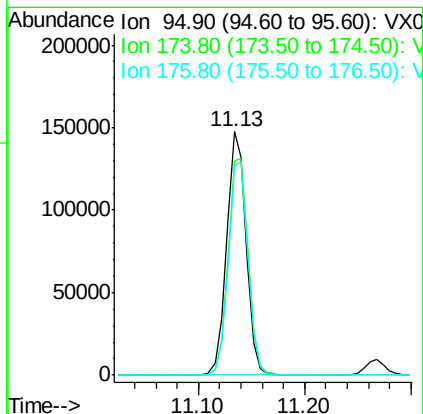
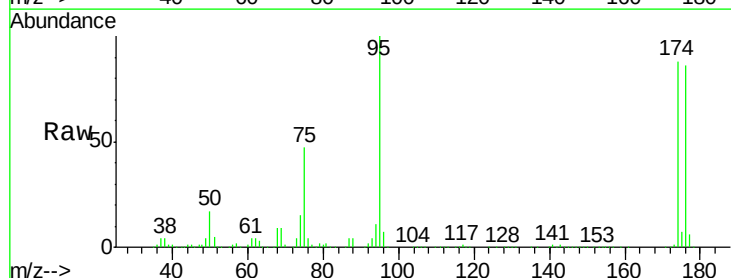
Tgt Ion: 95 Resp: 187538

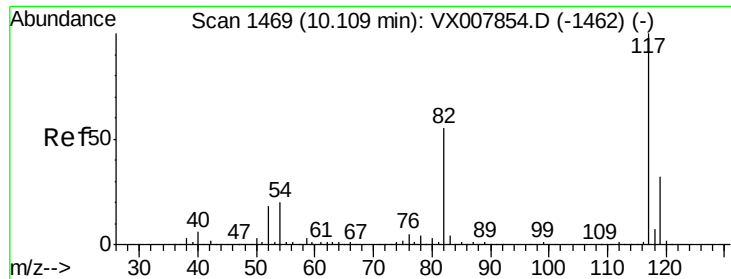
Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.8

176 89.9 0.0 178.0





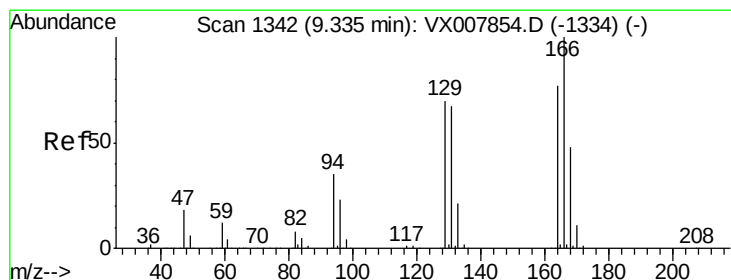
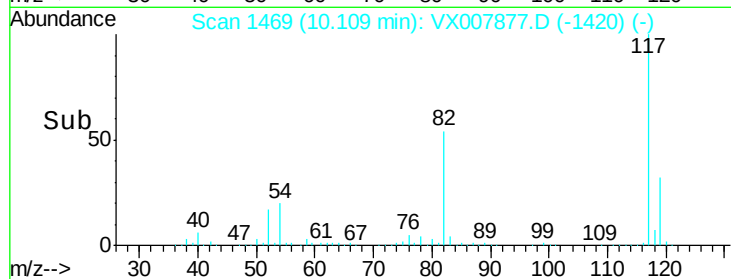
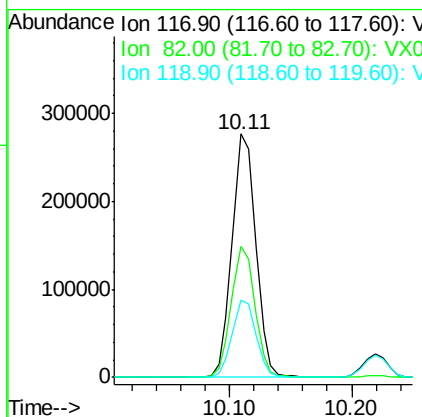
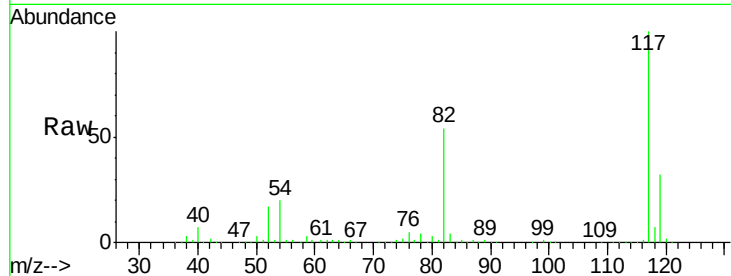
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.3	66.5
119	31.7	25.3	37.9

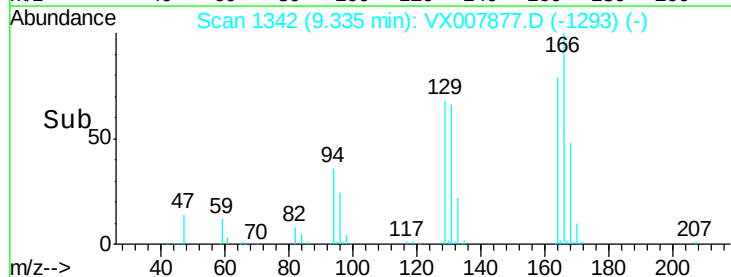
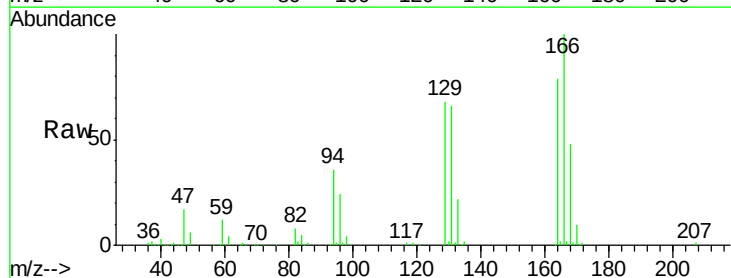
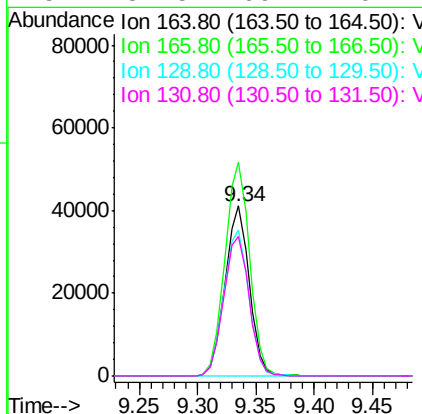
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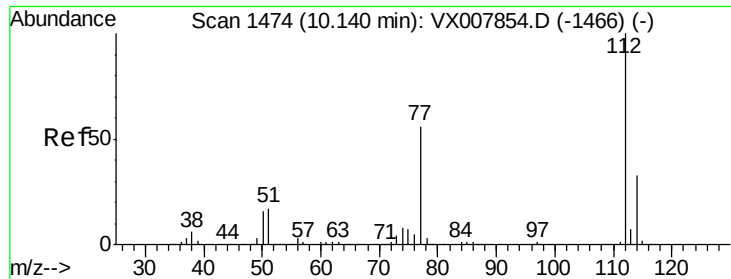
MMDadoda
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#64
Tetrachloroethene
Concen: 19.252 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	103.4	155.0
129	85.7	72.2	108.4
131	82.5	69.4	104.2





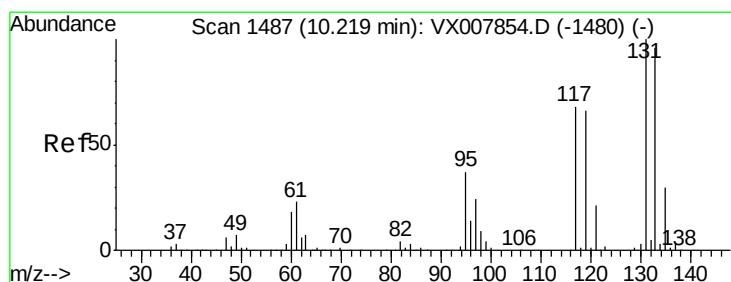
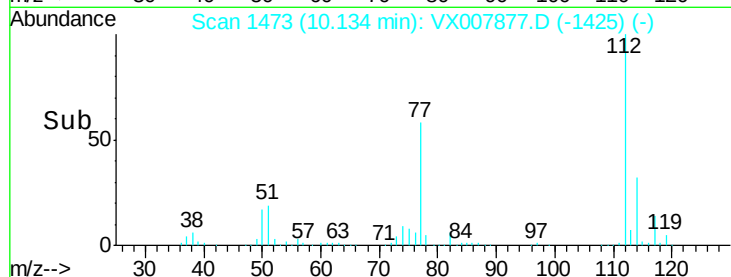
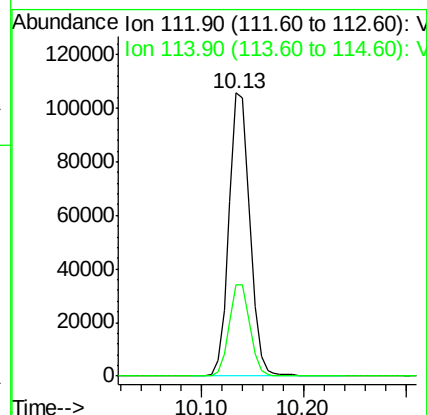
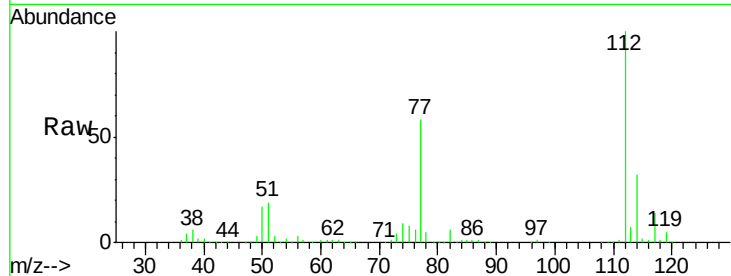
#65
Chlorobenzene
Concen: 19.296 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampled :
VX0307WBS01

Tot Ion:112 Resp: 150156
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0

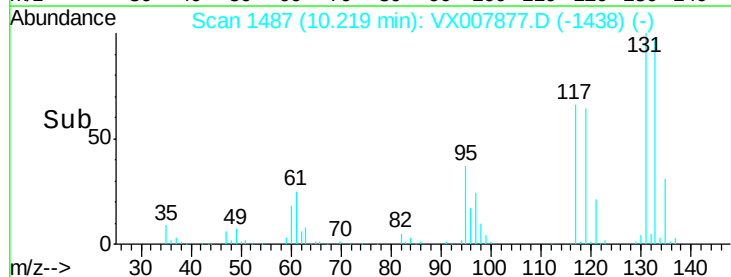
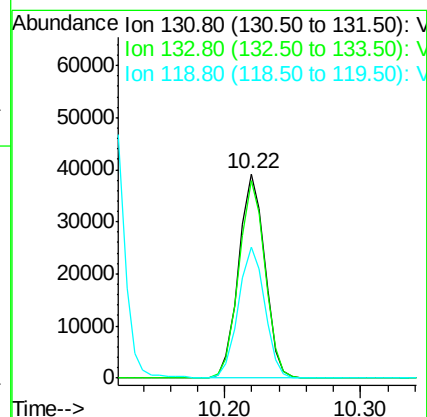
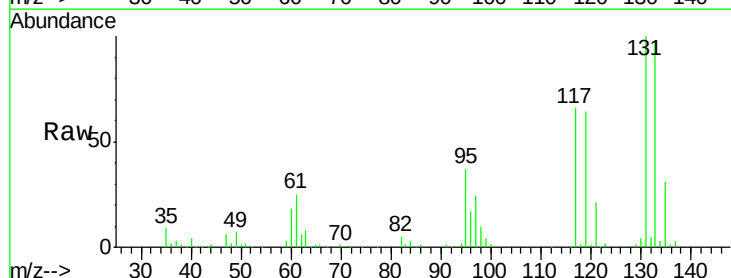
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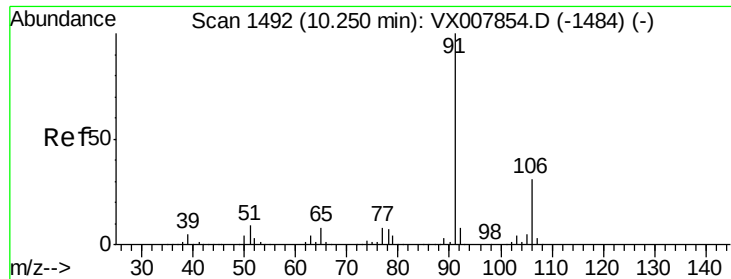
MMDadoda
3/8/2019 9:40:27 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.882 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion:131 Resp: 52662
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.3
119 65.0 32.5 97.5





#67

Ethyl Benzene

Concen: 19.614 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

VX0307WBS01

Tot Ion: 91 Resp: 251245

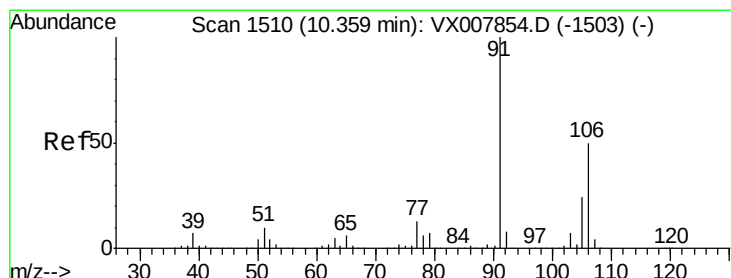
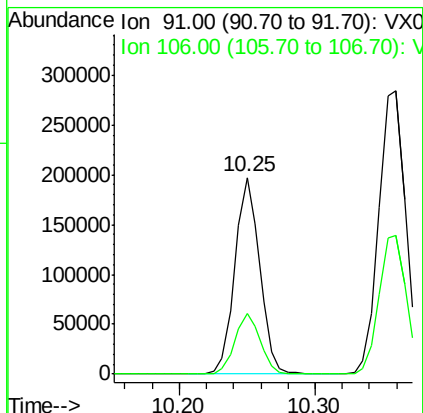
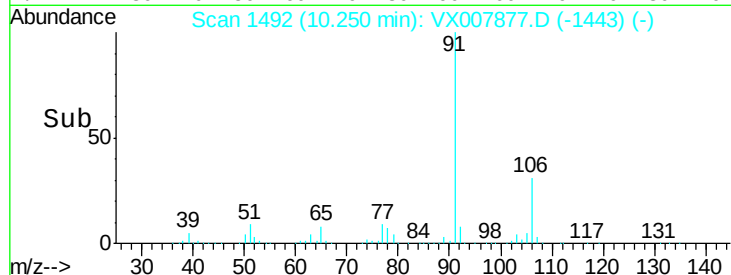
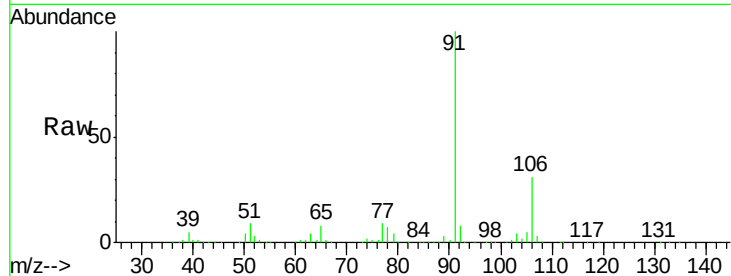
Ion Ratio Lower Upper

91 100

106 31.1 25.2 37.8

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#68

m/p-Xylenes

Concen: 39.724 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007877.D

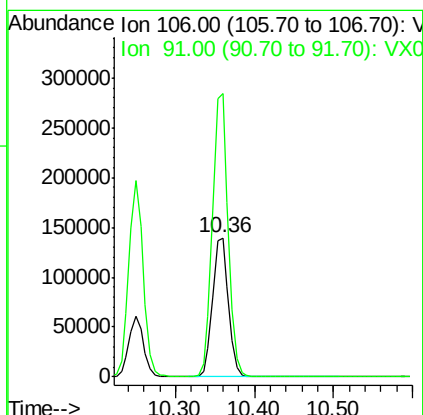
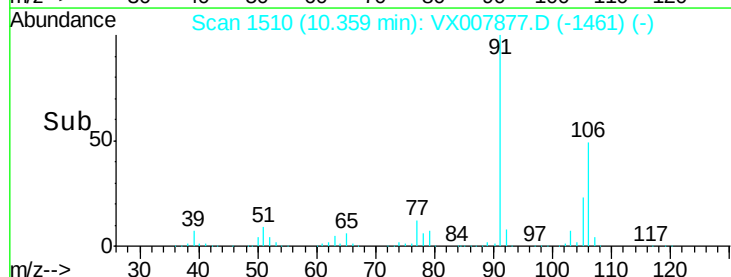
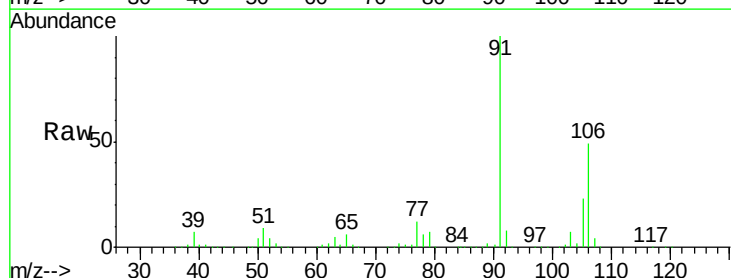
Acq: 07 Mar 2019 11:55

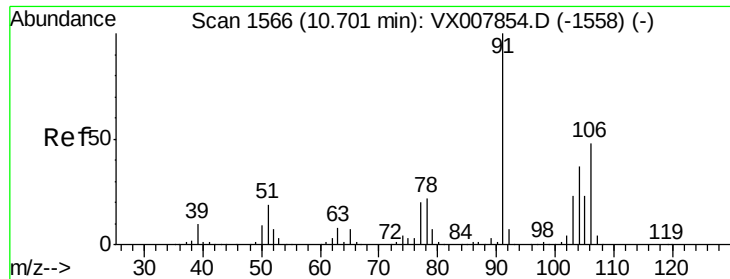
Tgt Ion: 106 Resp: 196136

Ion Ratio Lower Upper

106 100

91 200.5 159.8 239.6





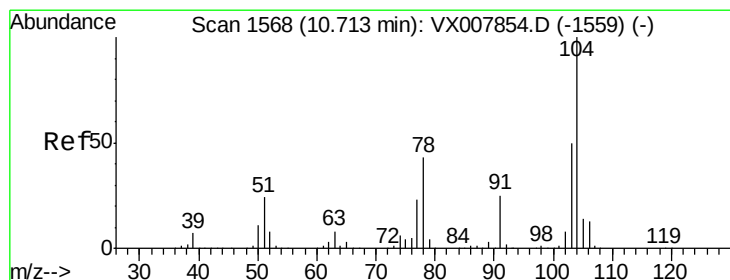
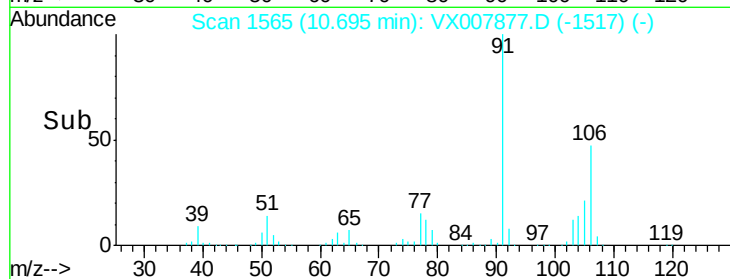
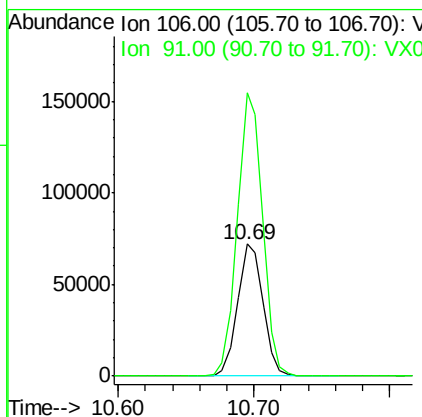
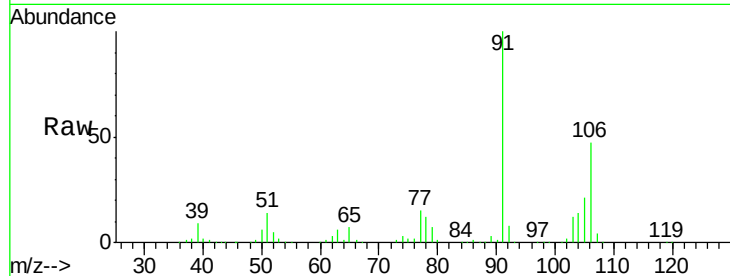
#69
o-Xylene
Concen: 19.675 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampled :
VX0307WBS01

Tot Ion:106 Resp: 93788
Ion Ratio Lower Upper
106 100
91 213.0 106.3 318.9

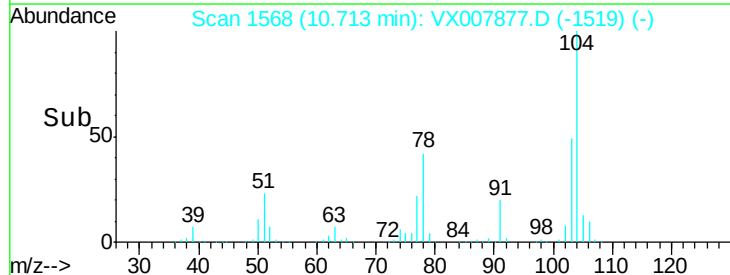
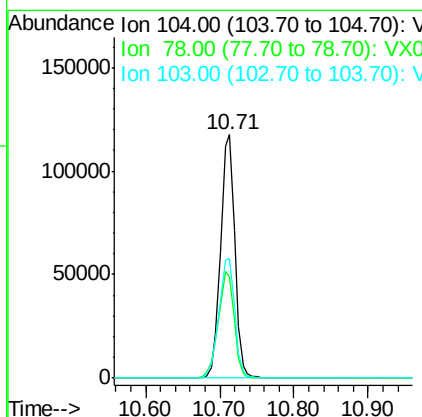
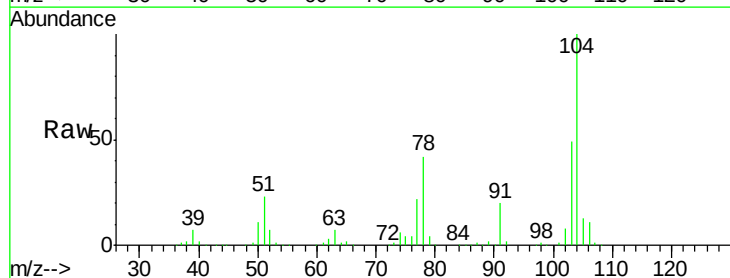
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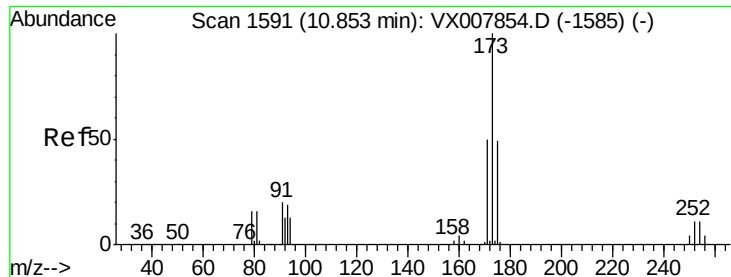
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3/8/2019 9:40:27 AM



#70
Styrene
Concen: 20.040 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion:104 Resp: 156324
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 54.5 44.1 66.1





#71

Bromoform

Concen: 18.025 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS01

Tot Ion:173 Resp: 43171

Ion Ratio Lower Upper

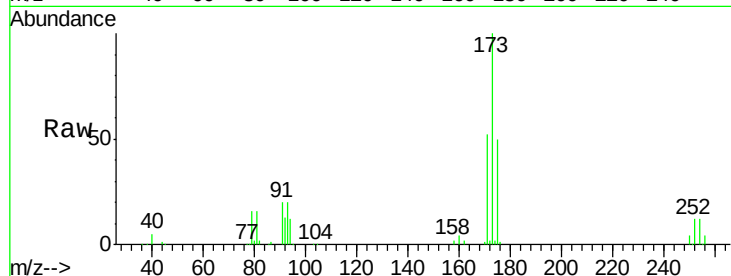
173 100

175 48.8 24.3 72.9

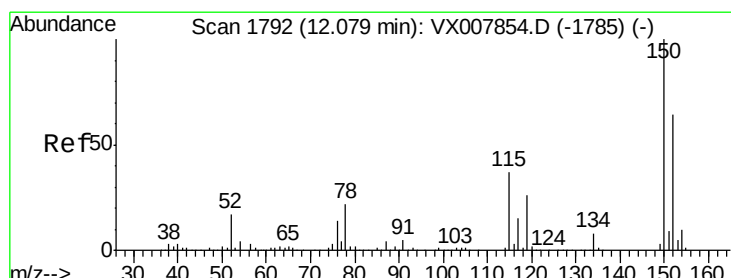
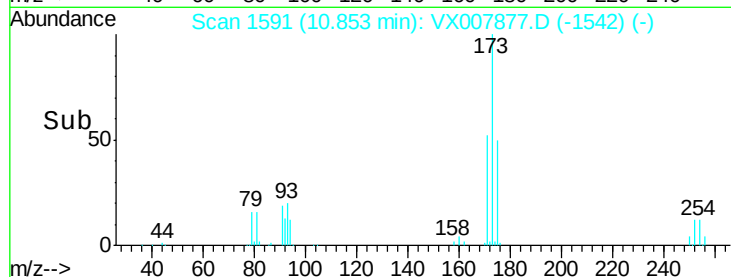
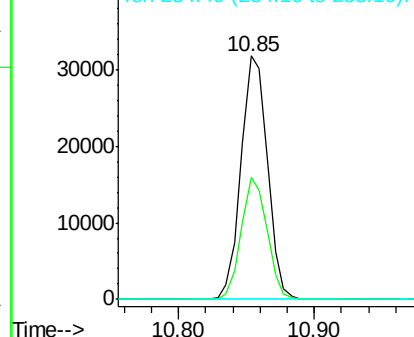
254 0.1 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

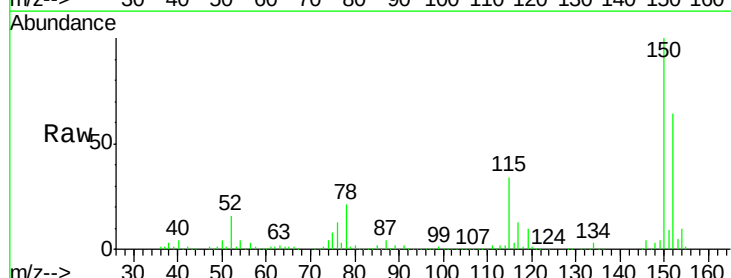
Tgt Ion:152 Resp: 190872

Ion Ratio Lower Upper

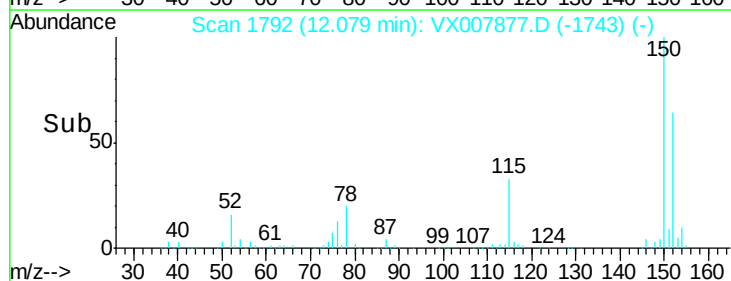
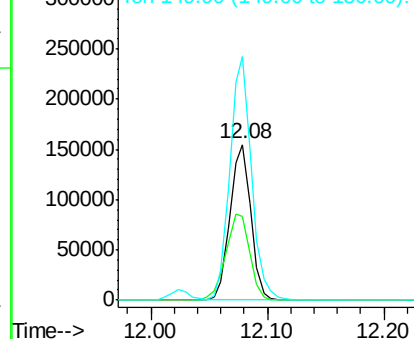
152 100

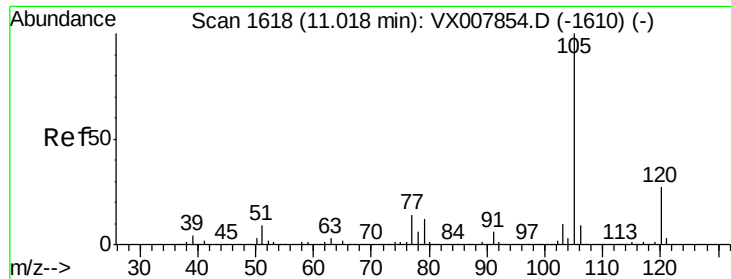
115 63.5 38.6 115.7

150 162.3 0.0 348.4



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





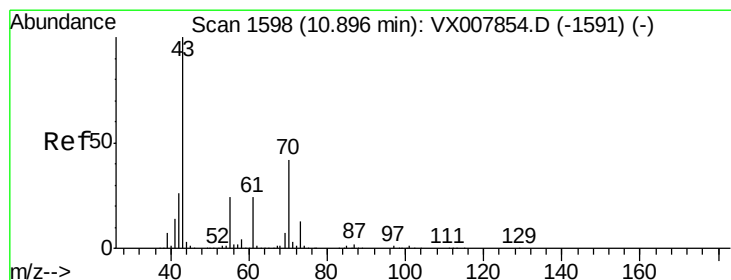
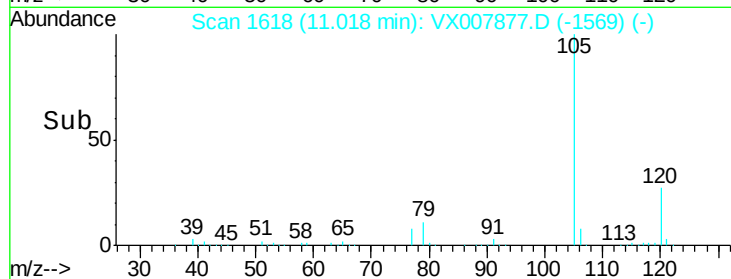
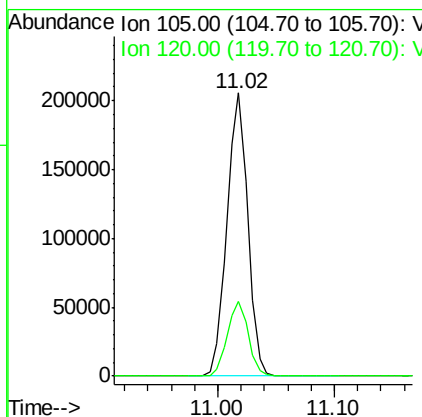
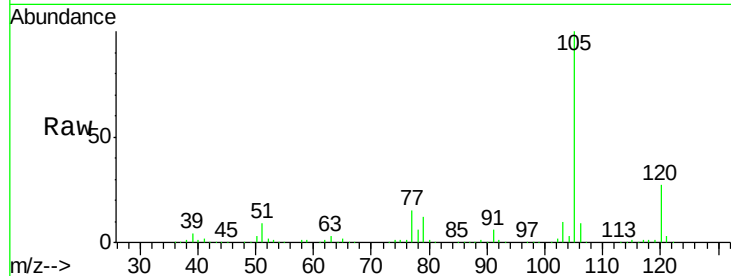
#73
Isopropylbenzene
Concen: 19.774 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion: 105 Resp: 255265
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

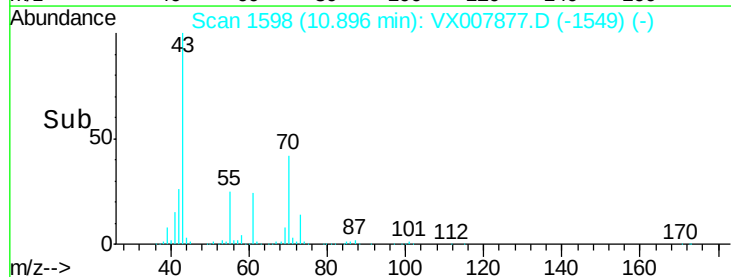
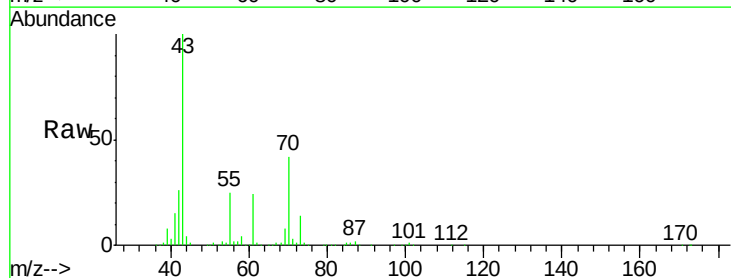
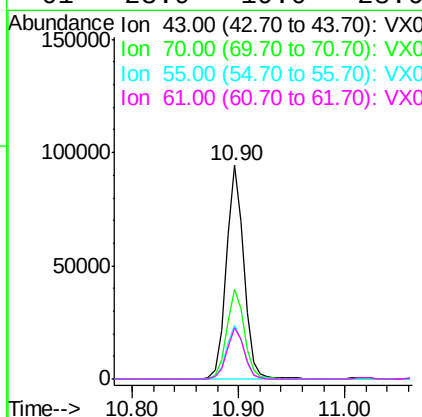
Manual Integrations
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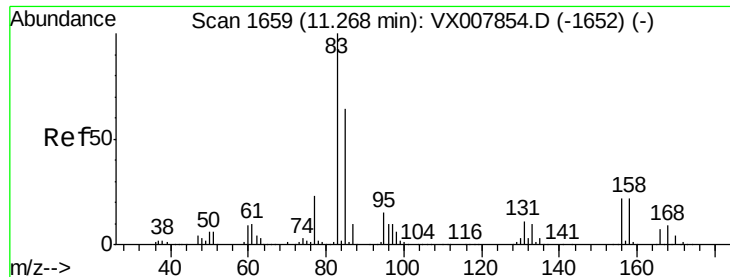
MMDadoda
3/8/2019 9:40:27 AM



#74
N-ethyl acetate
Concen: 18.508 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion: 43 Resp: 109075
Ion Ratio Lower Upper
43 100
70 42.2 33.5 50.3
55 25.3 19.2 28.8
61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.474 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

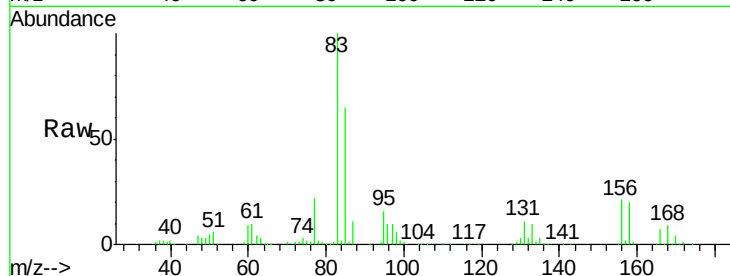
ClientSampleId :

VX0307WBS01

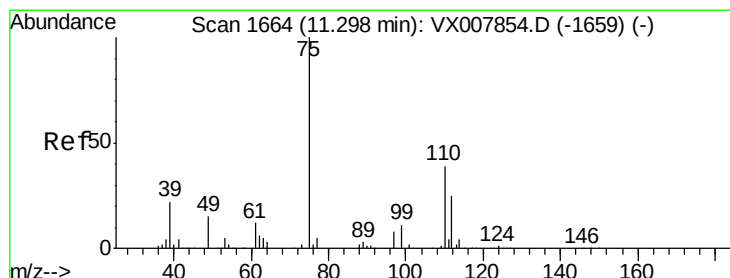
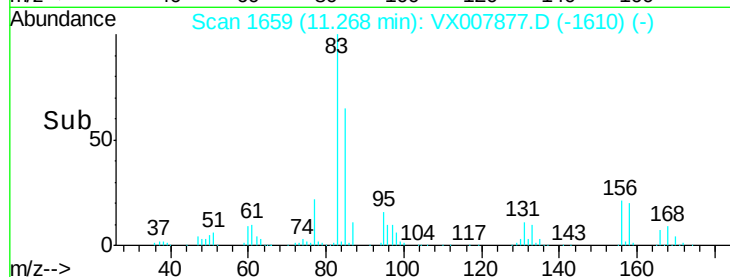
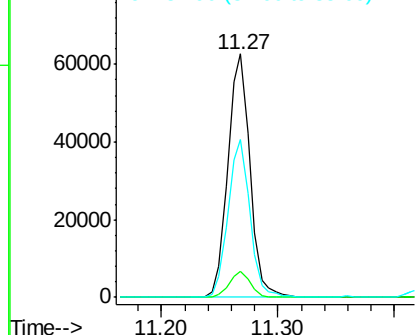
Tot Ion:	83	Resp:	82260
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.4	16.2
85	64.4	32.3	96.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.631 ug/l m

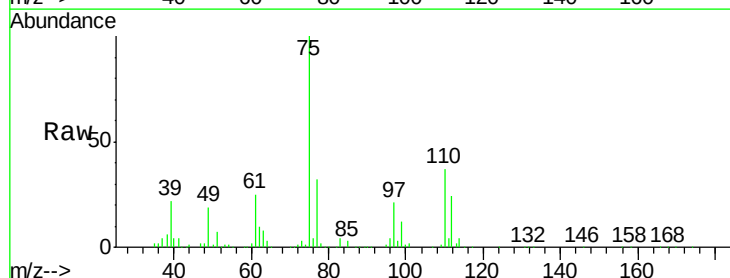
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

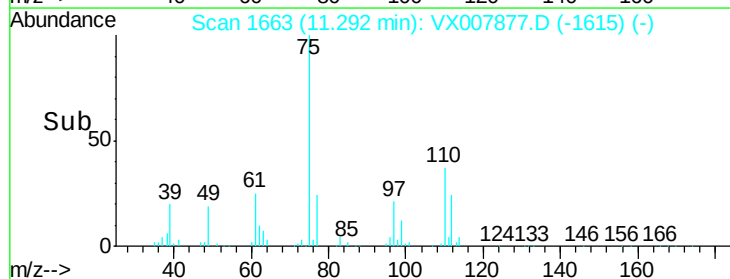
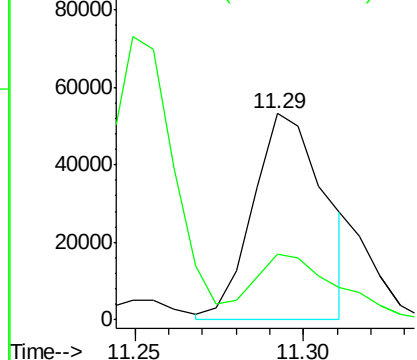
Lab File: VX007877.D

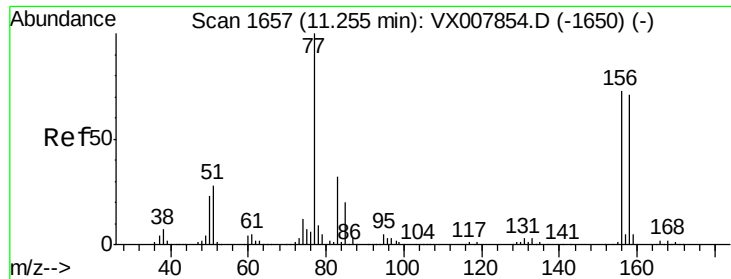
Acq: 07 Mar 2019 11:55

Tgt Ion:	75	Resp:	78629
Ion	Ratio	Lower	Upper
75	100		
77	37.6	18.9	56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.160 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS01

Tot Ion:156 Resp: 67812

Ion Ratio Lower Upper

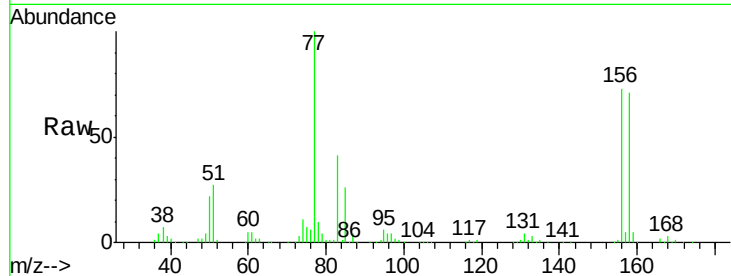
156 100

77 143.4 72.0 215.9

158 97.4 48.6 145.9

Manual Integrations
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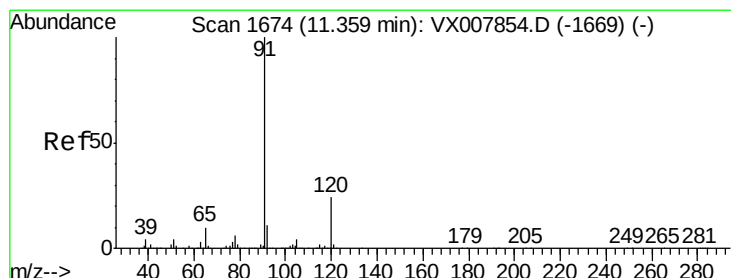
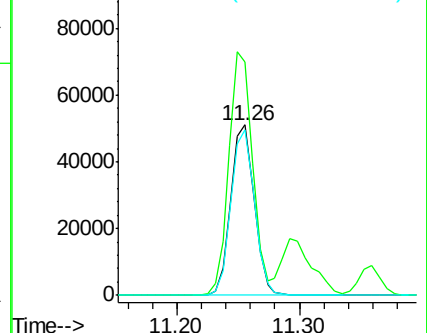
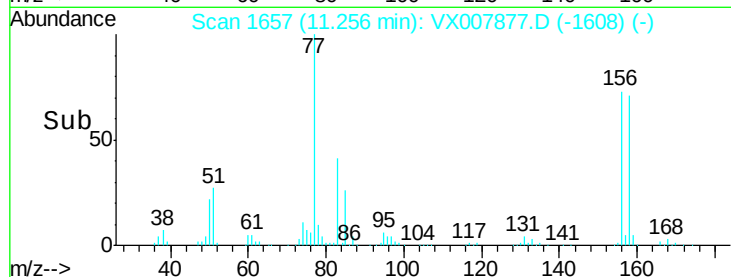
MMDadoda
3/8/2019 9:40:27 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.015 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007877.D

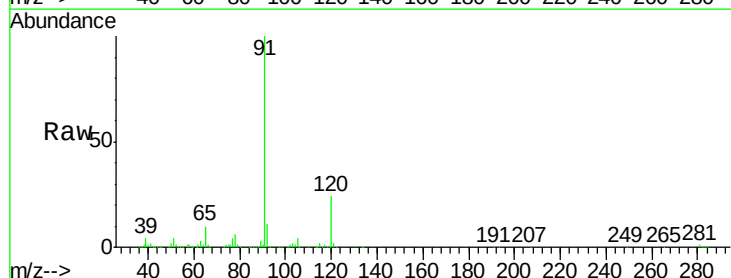
Acq: 07 Mar 2019 11:55

Tgt Ion: 91 Resp: 286629

Ion Ratio Lower Upper

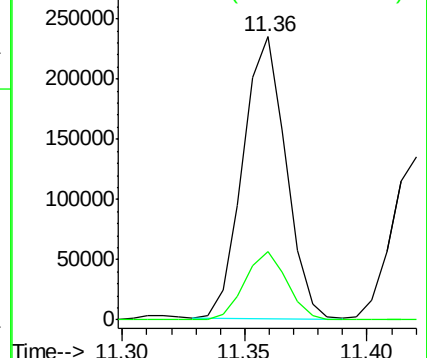
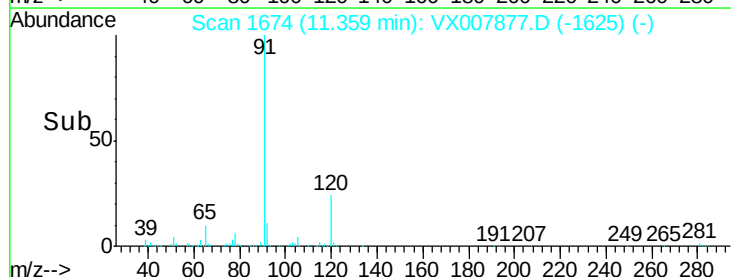
91 100

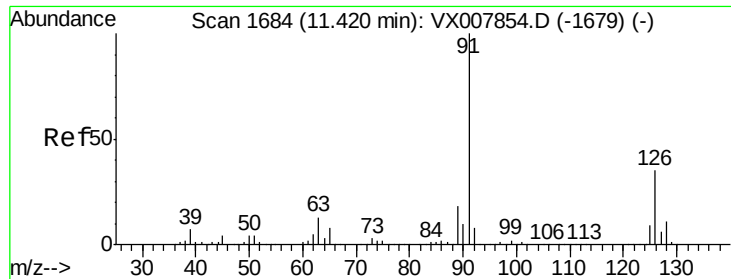
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.414 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

VX0307WBS01

Tot Ion: 91 Resp: 169991

Ion Ratio Lower Upper

91 100

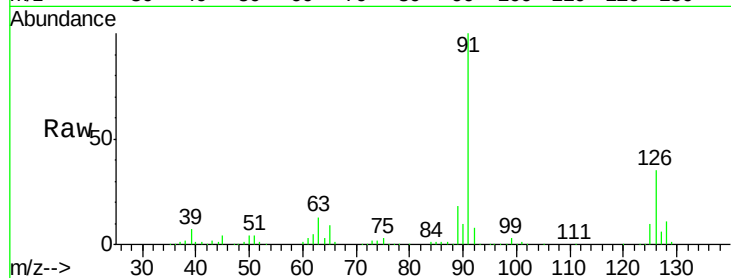
126 35.5 17.5 52.6

Manual Integrations

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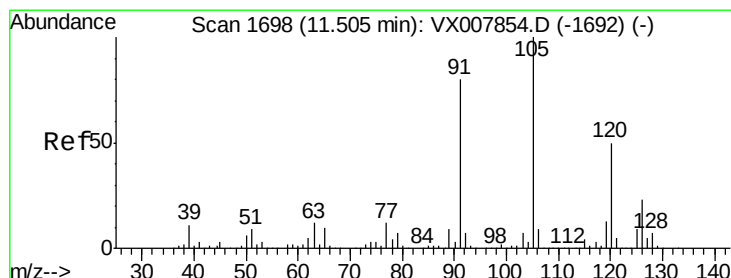
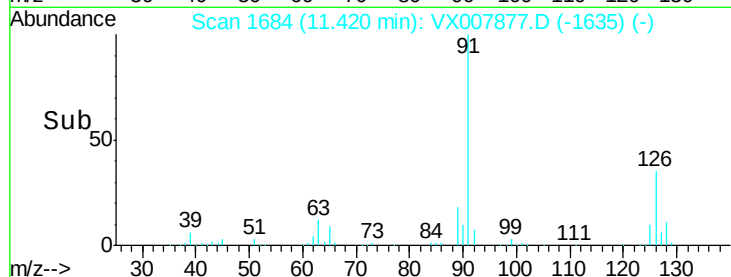
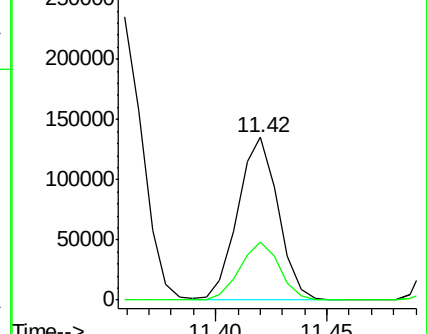
MMDadoda

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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: 19.832 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007877.D

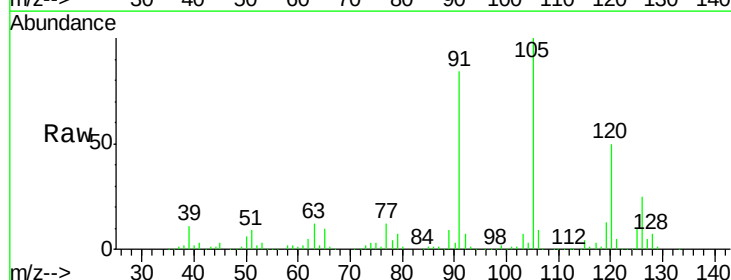
Acq: 07 Mar 2019 11:55

Tgt Ion: 105 Resp: 210706

Ion Ratio Lower Upper

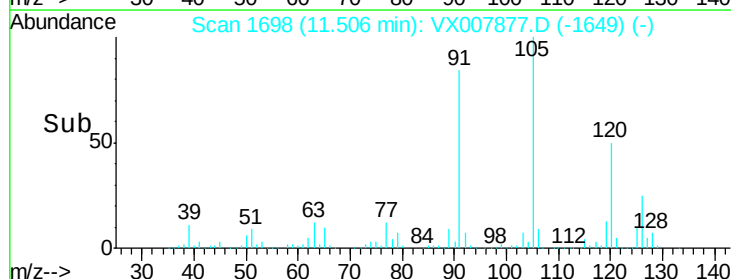
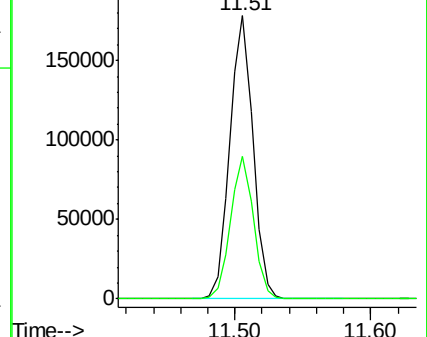
105 100

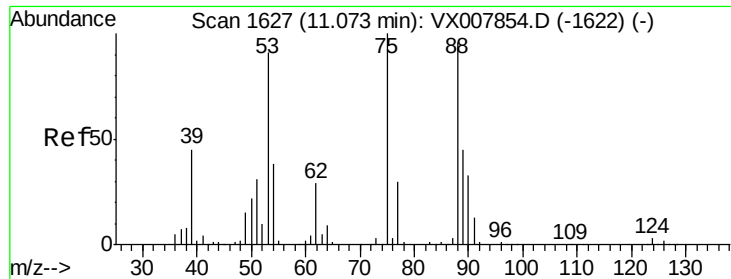
120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





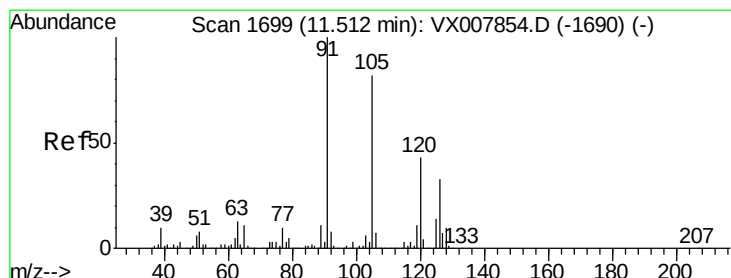
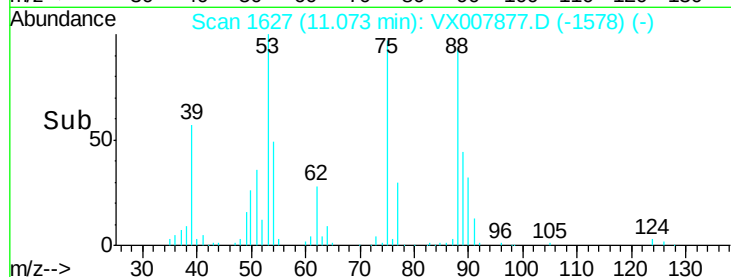
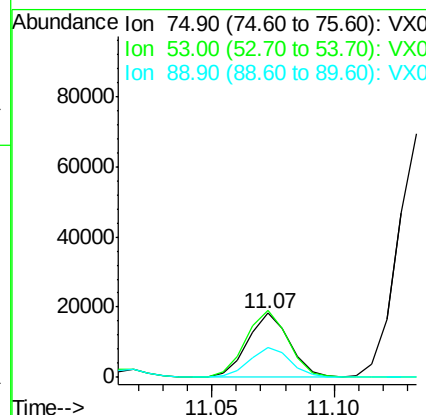
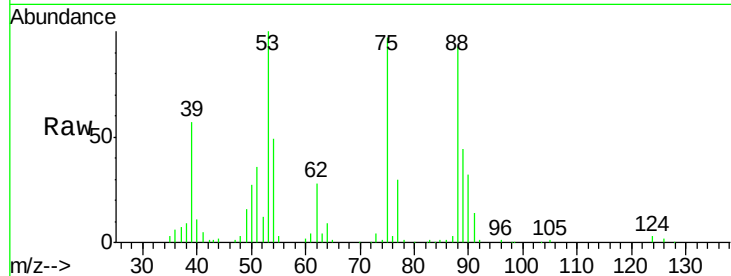
#81
trans-1,4-Dichloro-2-butene
Concen: 17.250 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	76.1	114.1
89	46.3	36.3	54.5

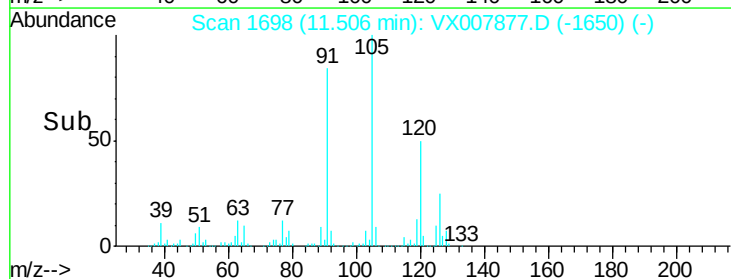
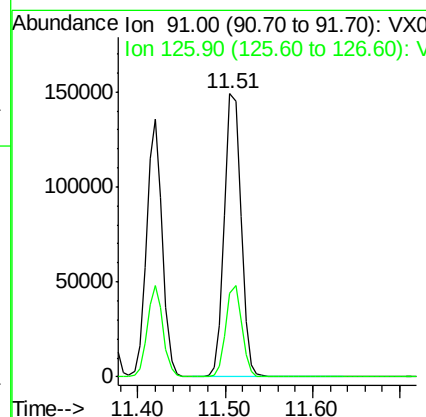
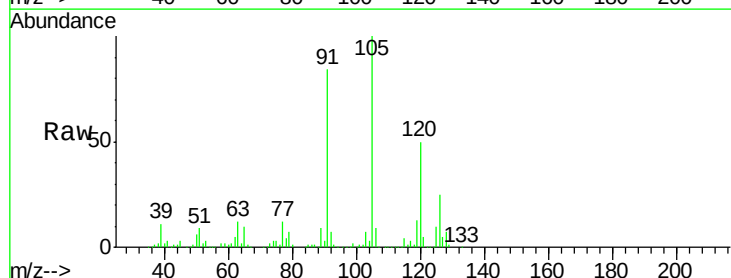
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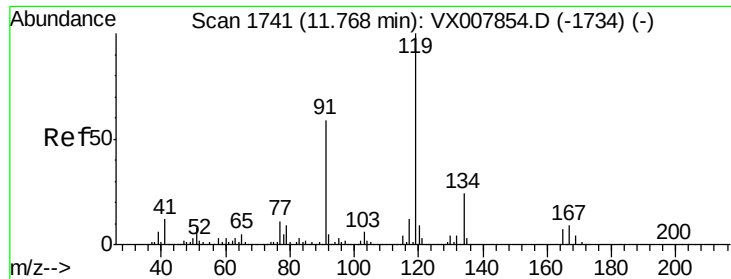
MMDadoda
3/8/2019 9:40:27 AM



#82
4-Chlorotoluene
Concen: 19.571 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.8





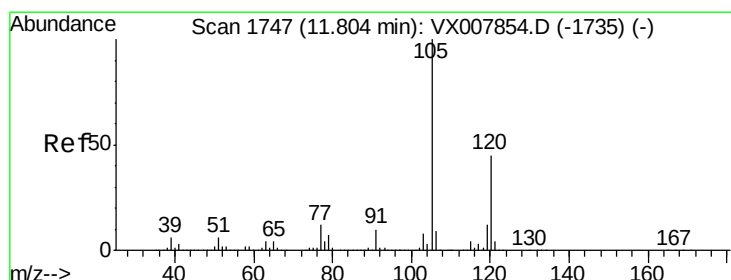
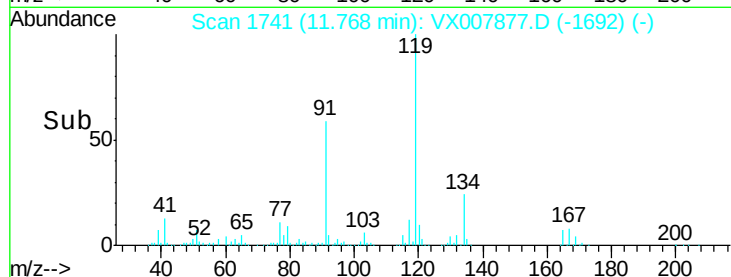
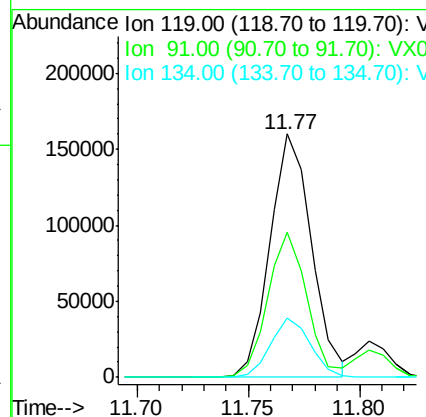
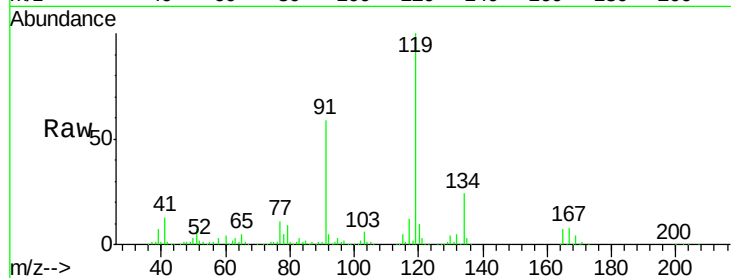
#83
 tert-Butylbenzene
 Concen: 19.386 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	207470		
91	56.1		27.1	81.3
134	23.5		11.4	34.1

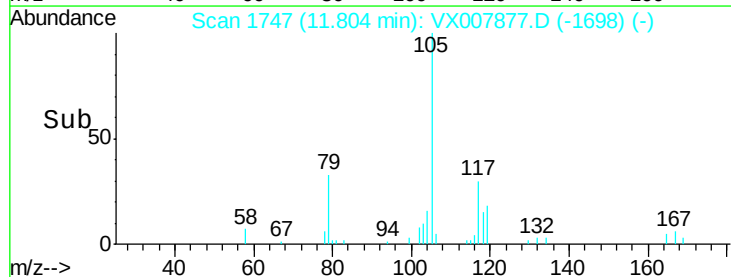
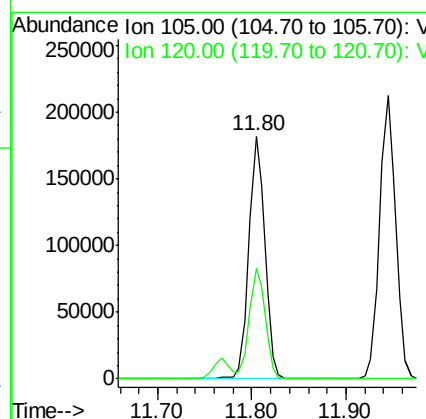
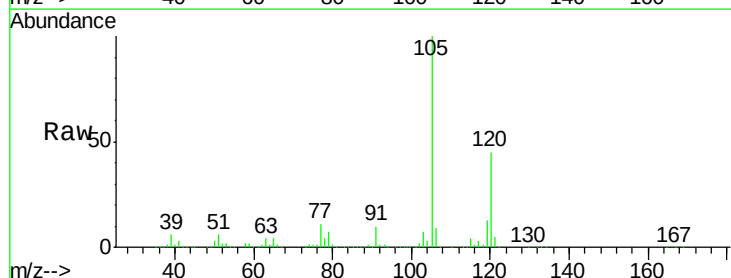
Manual Integrations
 APPROVED

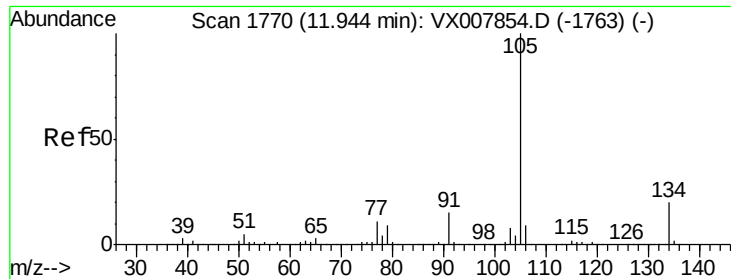
MMDadoda
 3/8/2019 9:40:27 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.847 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	216170		
120	45.0		22.6	67.7





#85

sec-Butylbenzene

Concen: 20.052 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBS01

Tot Ion:105 Resp: 252752

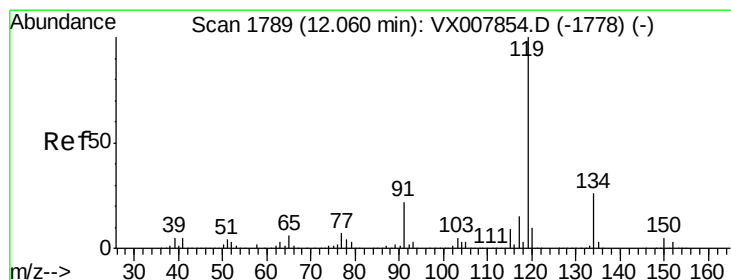
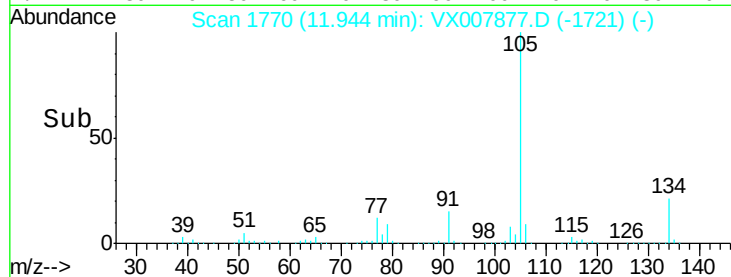
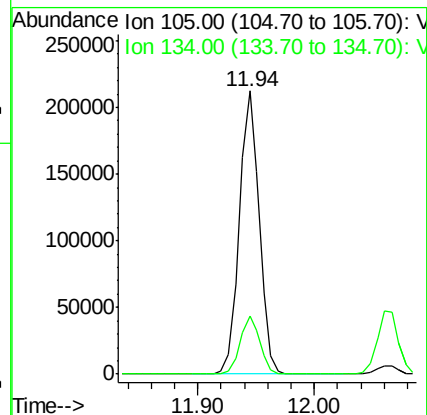
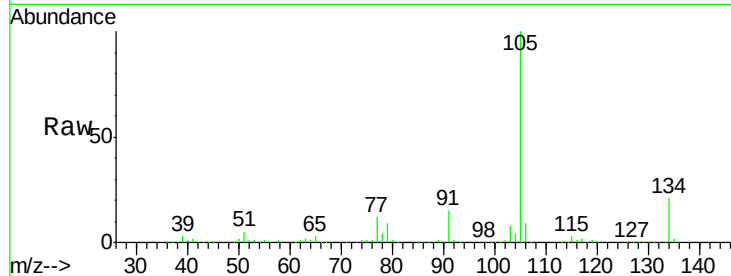
Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.155 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

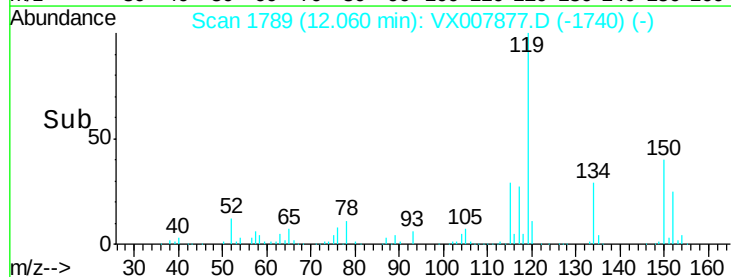
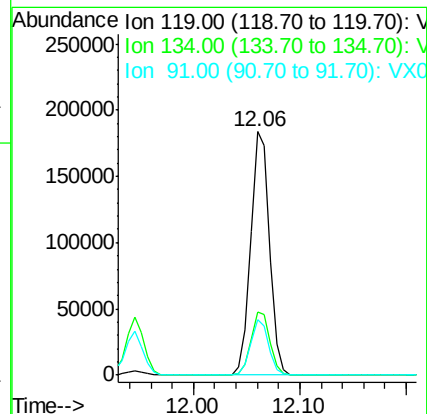
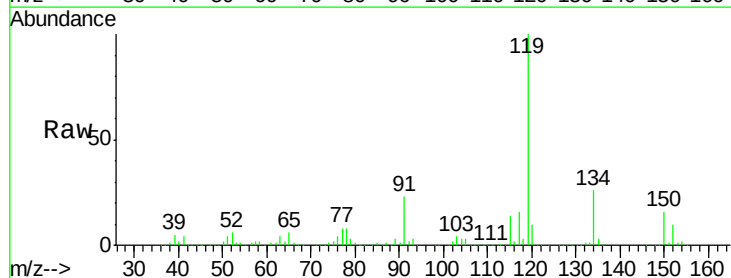
Tgt Ion:119 Resp: 227517

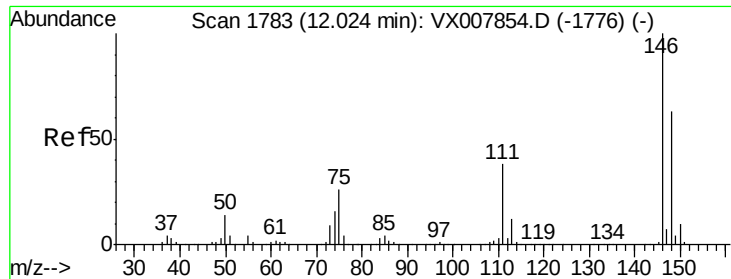
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

91 22.1 10.9 32.7





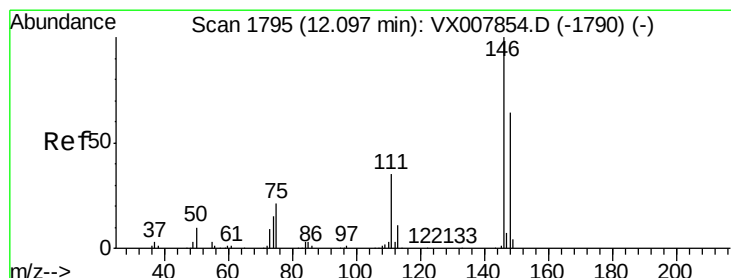
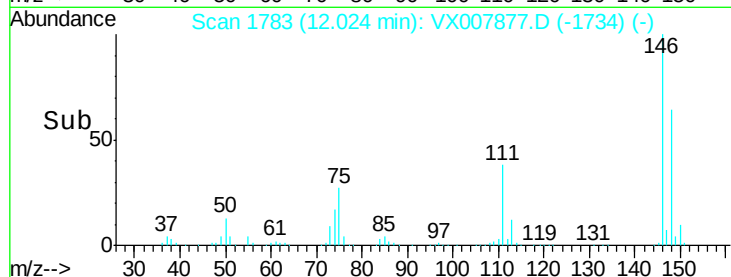
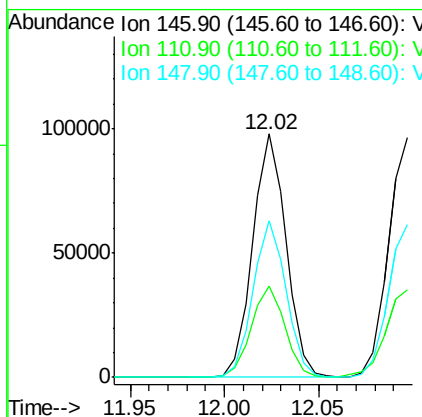
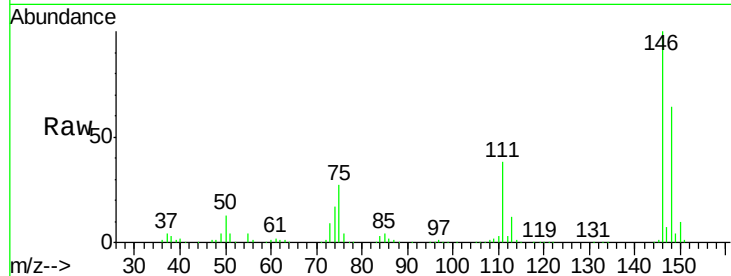
#87
 1,3-Dichlorobenzene
 Concen: 19.202 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Instrument :
 MSVOA_X
 ClientSampled :
 VX0307WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.7
148	64.1	31.7	95.1

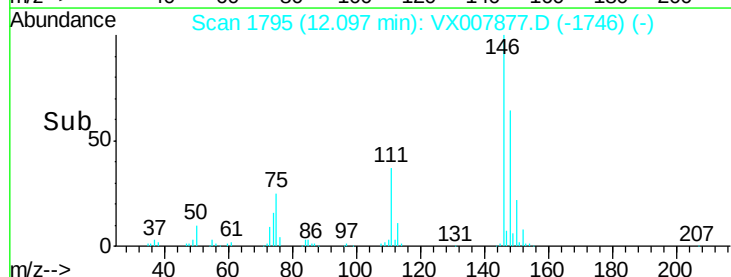
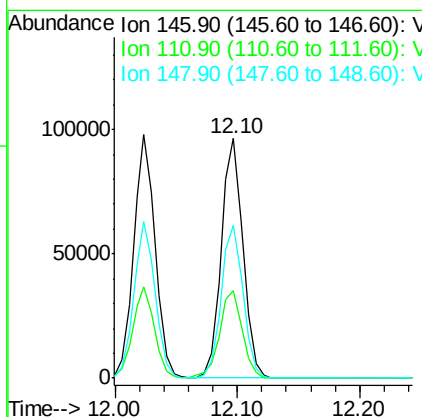
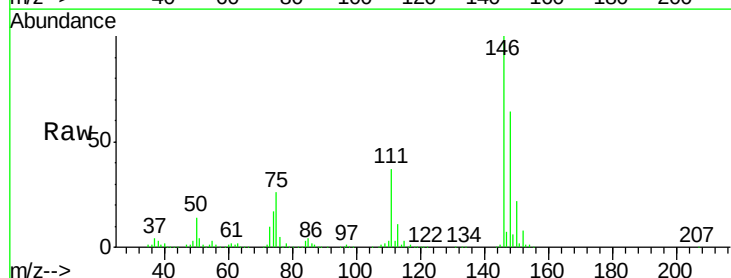
Manual Integrations
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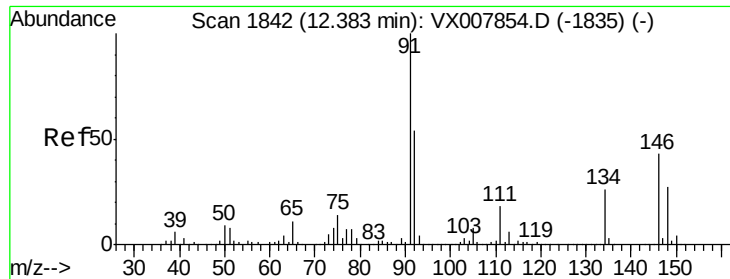
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 3/8/2019 9:40:27 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.527 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.4	55.0
148	64.4	32.2	96.6





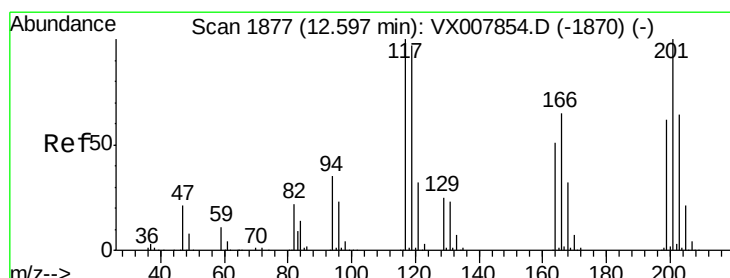
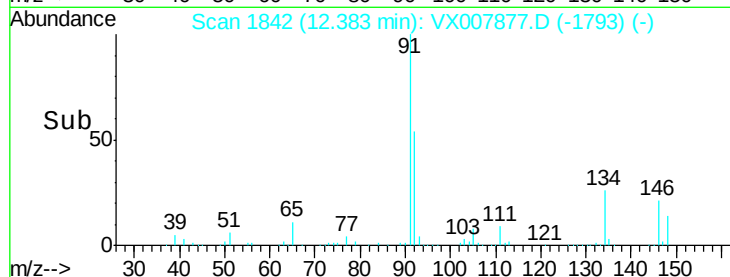
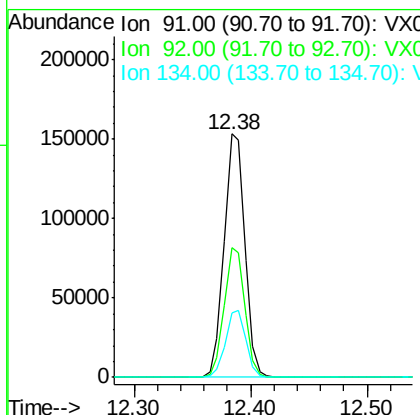
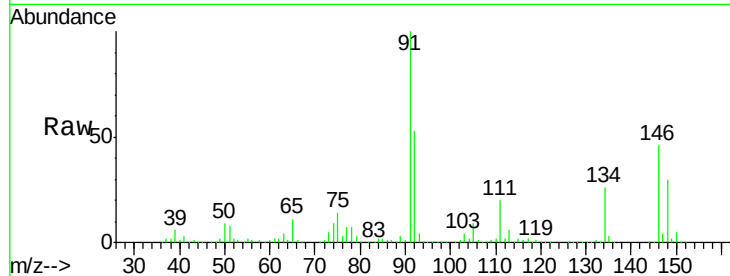
#89
n-Butylbenzene
Concen: 19.744 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		188822		
92	52.8	27.0	80.8		
134	27.0	13.7	41.0		

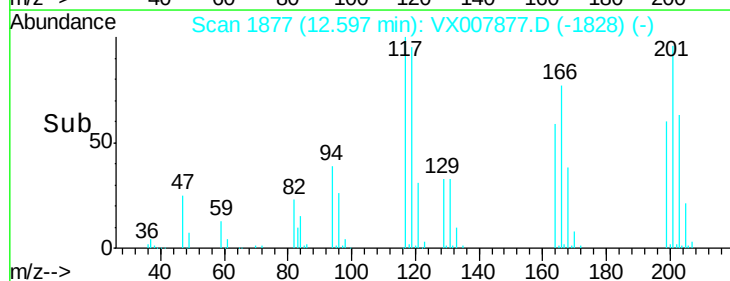
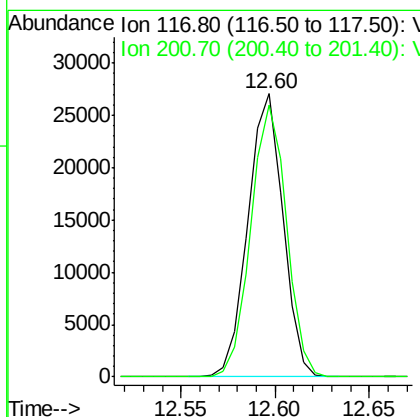
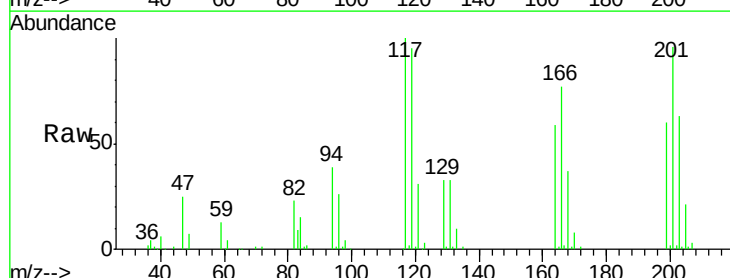
Manual Integrations
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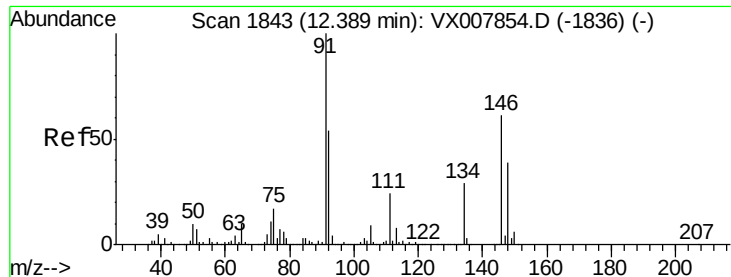
MMDadoda
3/8/2019 9:40:27 AM



#90
Hexachloroethane
Concen: 18.488 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007877.D
Acq: 07 Mar 2019 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		34894		
201	97.6	48.9	146.7		





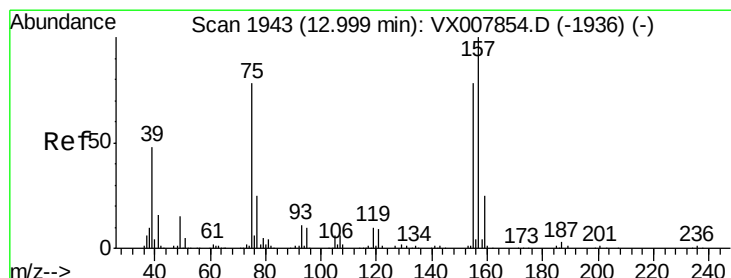
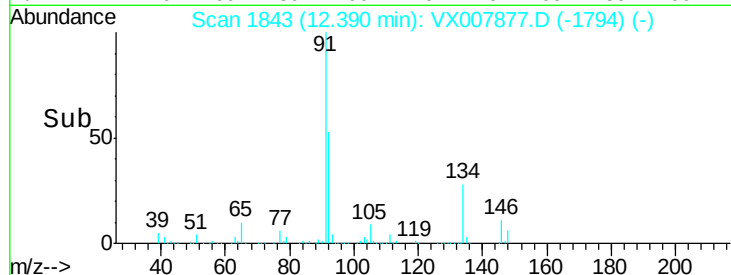
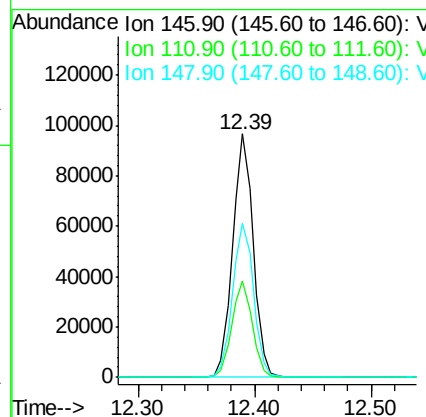
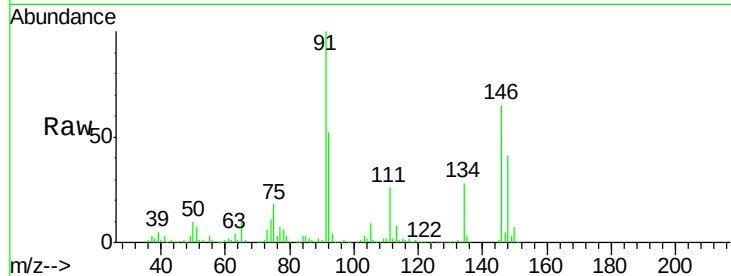
#91
 1,2-Dichlorobenzene
 Concen: 19.008 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118235		
111	39.1	19.6	58.8	
148	64.8	31.9	95.5	

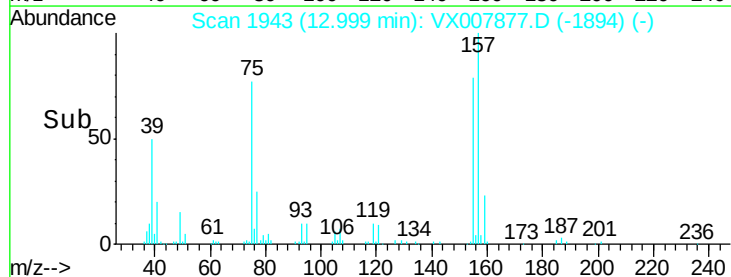
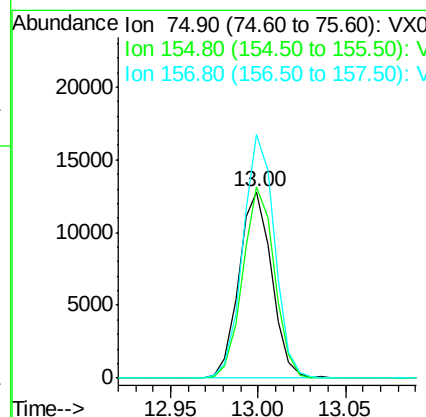
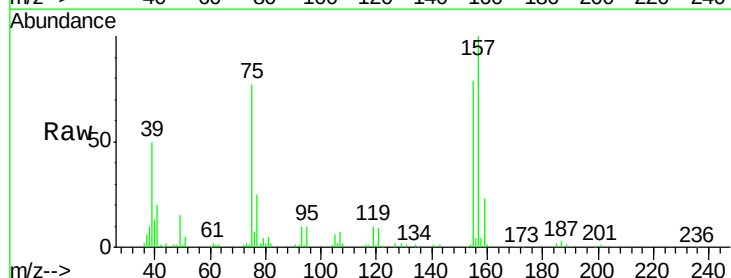
Manual Integrations
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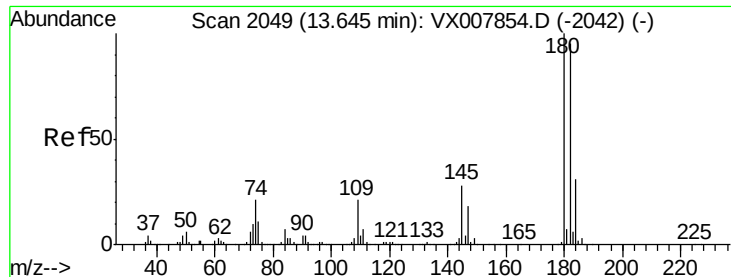
MMDadoda
 3/8/2019 9:40:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.885 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16644		
155	98.8	49.7	149.1	
157	125.8	63.8	191.4	





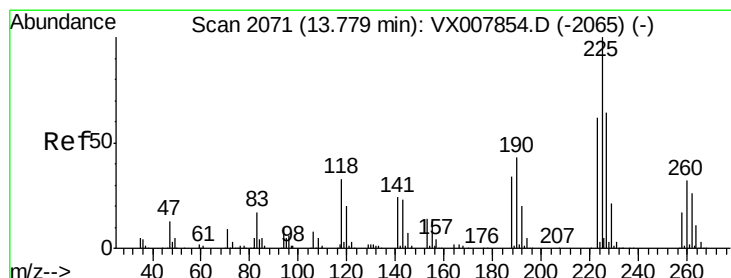
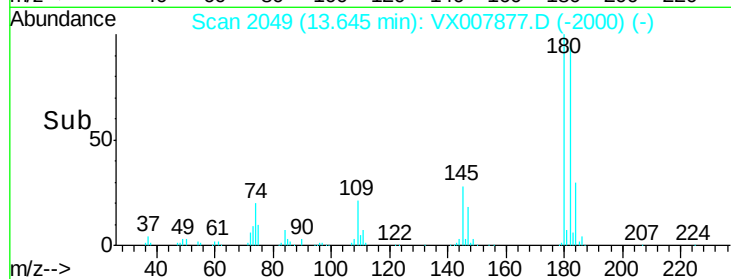
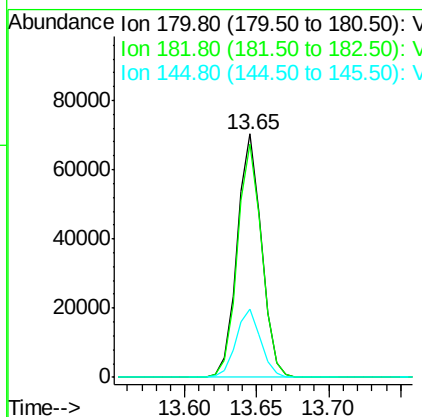
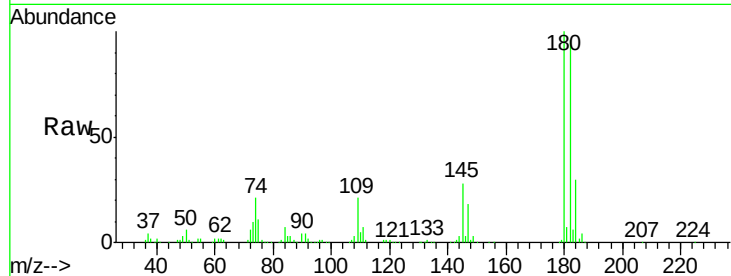
#93
 1,2,4-Trichlorobenzene
 Concen: 18.920 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS01

Tot Ion:	180	Resp:	82673
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.9	143.7
145	28.4	14.1	42.4

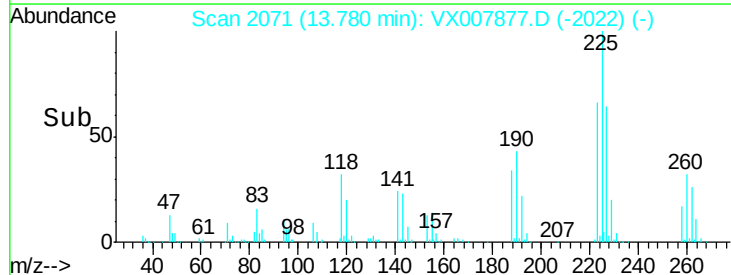
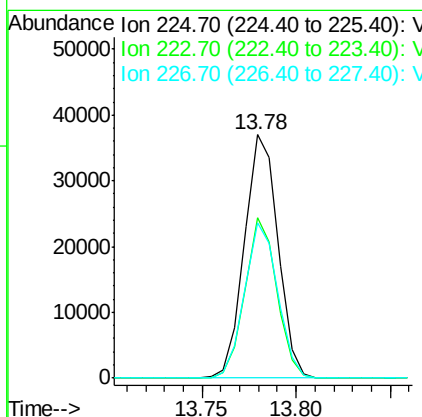
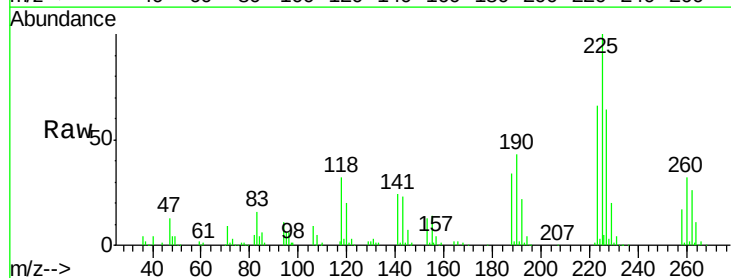
Manual Integrations
 APPROVED

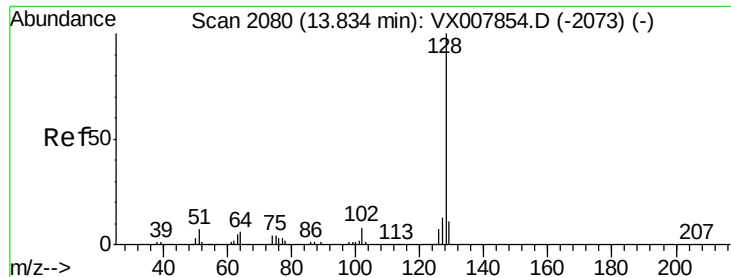
MMDadoda
 3/8/2019 9:40:27 AM



#94
 Hexachlorobutadiene
 Concen: 19.993 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007877.D
 Acq: 07 Mar 2019 11:55

Tgt Ion:	225	Resp:	45675
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.1	93.2
227	62.9	32.0	96.0





#95

Naphthalene

Concen: 18.886 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Instrument :

MSVOA_X

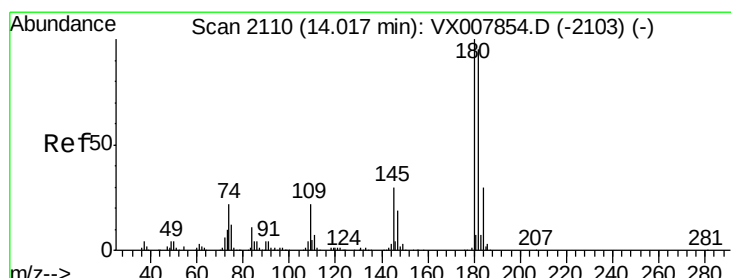
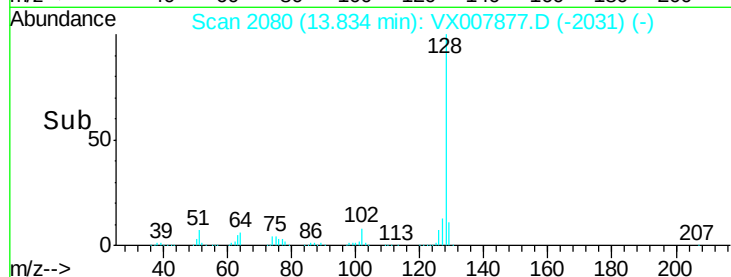
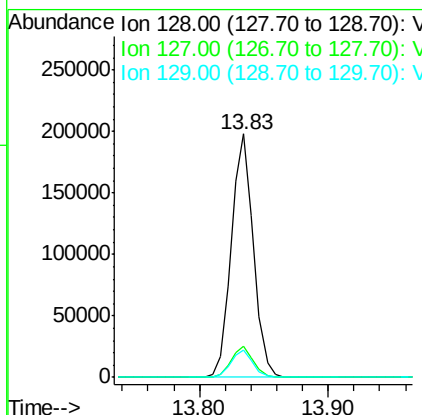
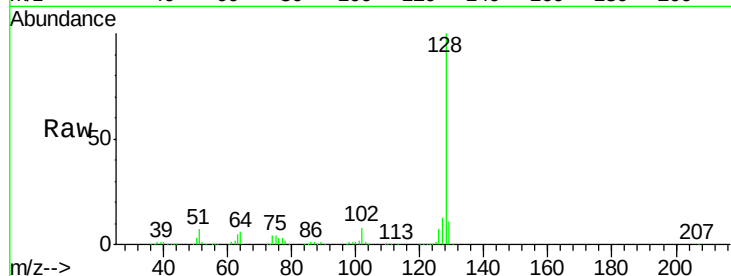
ClientSampleId :

VX0307WBS01

Tot Ion:	128	Resp:	237780
Ion Ratio		Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/8/2019 9:40:27 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.026 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007877.D

Acq: 07 Mar 2019 11:55

Tgt Ion:	180	Resp:	82820
Ion Ratio		Lower	Upper
180	100		
182	96.1	47.5	142.5
145	29.7	14.8	44.3

