

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021319\
 Data File : VX007508.D
 Acq On : 13 Feb 2019 03:02
 Operator : JC/SP
 Sample : VX0213WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 11:53:09 AM

Quant Time: Feb 13 08:09:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	76538	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	393287	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	349349	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	148172	29.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.77%
60) 4-Bromofluorobenzene	11.13	95	161883	30.19	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.63%
63) Toluene-d8	8.71	98	470934	29.83	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	71641	18.484	ug/l 99
3) Chloromethane	1.33	50	86436	20.292	ug/l 97
4) Vinyl Chloride	1.41	62	92391	19.283	ug/l 99
5) Bromomethane	1.64	94	72134	16.859	ug/l 95
6) Chloroethane	1.73	64	60761	18.656	ug/l 93
7) Trichlorofluoromethane	1.93	101	137273	18.277	ug/l 98
8) Diethyl Ether	2.19	74	59438	19.811	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	74376	17.552	ug/l 98
10) 1,1-Dichloroethene	2.38	96	79328	18.866	ug/l 98
11) Methyl Iodide	2.51	142	103986	17.207	ug/l 95
12) Methyl Acetate	2.78	43	109524	18.887	ug/l 100
13) Acrolein	2.30	56	84865	83.897	ug/l 99
14) Acrylonitrile	3.15	53	264582	99.025	ug/l 98
15) Acetone	2.45	58	69845	96.322	ug/l 92
16) Carbon Disulfide	2.57	76	207394	18.599	ug/l 99
17) Allyl chloride	2.73	41	139250	19.329	ug/l 100
18) Methylene Chloride	2.86	84	94841	20.057	ug/l 94
19) trans-1,2-Dichloroethene	3.17	96	83020	18.460	ug/l 97
20) Diisopropyl ether	3.87	45	275497	20.235	ug/l 97
21) 1,1-Dichloroethane	3.70	63	151692	19.873	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	99053	19.791	ug/l 98
23) tert-Butyl Alcohol	3.07	59	110028	97.975	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	292414	20.039	ug/l 97
25) Chloroform	5.21	83	159226	19.751	ug/l 95
26) Cyclohexane	5.58	56	117381	18.339	ug/l # 98
29) 1,1-Dichloropropene	5.80	75	104777	19.099	ug/l 99
30) 2-Butanone	4.70	43	338742	104.340	ug/l 98
31) 2,2-Dichloropropane	4.58	77	76260	17.110	ug/l 97
32) 1,1,1-Trichloroethane	5.50	97	128344	19.573	ug/l 99
33) Carbon Tetrachloride	5.78	117	109438	18.880	ug/l 92
34) Benzene	6.15	78	353513	20.441	ug/l 98
35) Methacrylonitrile	5.06	41	70302	20.827	ug/l 95
36) 1,2-Dichloroethane	6.20	62	123285	20.947	ug/l 99
37) Trichloroethene	7.21	130	98087	19.727	ug/l 94
38) Methylcyclohexane	7.46	83	118120	18.600	ug/l 99
39) 1,2-Dichloropropane	7.51	63	88881	20.662	ug/l 98
40) Dibromomethane	7.66	93	64590	20.790	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	110505	20.043	ug/l	99
42) Vinyl Acetate	3.82	43	1193017	104.985	ug/l	100
43) Ethyl Acetate	4.85	43	127938	20.578	ug/l #	81
44) Isopropyl Acetate	6.46	43	196990	20.521	ug/l	99
45) 1,4-Dioxane	7.75	88	45266	399.565	ug/l	97
46) Methyl methacrylate	7.77	41	102006	20.985	ug/l	99
47) n-amyl Acetate	10.90	43	173143	20.464	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	109401	19.221	ug/l	95
49) cis-1,3-Dichloropropene	8.44	75	122804	19.376	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	96923	21.396	ug/l	94
51) Ethyl methacrylate	9.18	69	136031	20.713	ug/l	99
52) 1,3-Dichloropropane	9.37	76	154365	21.126	ug/l	98
53) Dibromochloromethane	9.59	129	94836	20.128	ug/l	99
54) 1,2-Dibromoethane	9.67	107	103560	20.878	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	329052	98.552	ug/l	99
56) Bromoform	10.86	173	68739	19.342	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	672630	107.042	ug/l	100
59) 2-Hexanone	9.49	43	512639	107.406	ug/l	99
61) Tetrachloroethene	9.34	164	97647	19.690	ug/l	97
62) Toluene	8.79	91	381976	20.076	ug/l	99
64) Chlorobenzene	10.14	112	252040	20.385	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	89216	19.921	ug/l	98
66) Ethyl Benzene	10.25	91	392180	19.425	ug/l	100
67) m/p-Xylenes	10.36	106	308731	38.986	ug/l	99
68) o-Xylene	10.69	106	152405	19.733	ug/l	99
69) Styrene	10.71	104	247793	19.881	ug/l	100
70) Isopropylbenzene	11.02	105	395445	19.407	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	143238	21.266	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	133890m	21.740	ug/l	
73) Bromobenzene	11.26	156	113231	20.354	ug/l	99
74) n-propylbenzene	11.36	91	431731	19.083	ug/l	99
75) 2-Chlorotoluene	11.42	91	265207	19.605	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	324459	19.507	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	32927	18.522	ug/l	98
78) 4-Chlorotoluene	11.51	91	298599	19.338	ug/l	99
79) tert-butylbenzene	12.06	119	335212	18.980	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	332113	19.670	ug/l	100
81) sec-Butylbenzene	11.94	105	382992	19.282	ug/l	100
82) p-Isopropyltoluene	12.06	119	335212	18.980	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	193530	19.789	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	192877	19.764	ug/l	98
85) n-Butylbenzene	12.39	91	270277	18.441	ug/l	99
86) Hexachloroethane	12.60	117	54116	18.455	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	200858	20.463	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	28974	20.613	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	128342	19.908	ug/l	100
90) Hexachlorobutadiene	13.78	225	55736	18.504	ug/l	99
91) Naphthalene	13.83	128	422626	20.555	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	131781	20.108	ug/l	98

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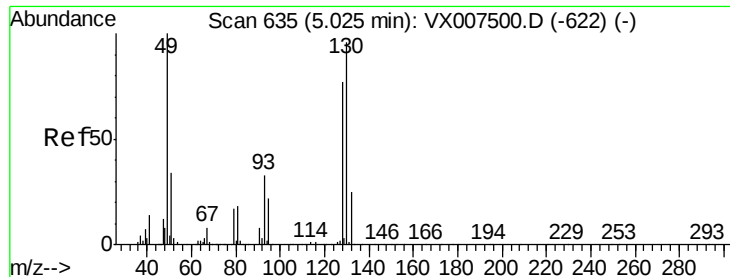
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

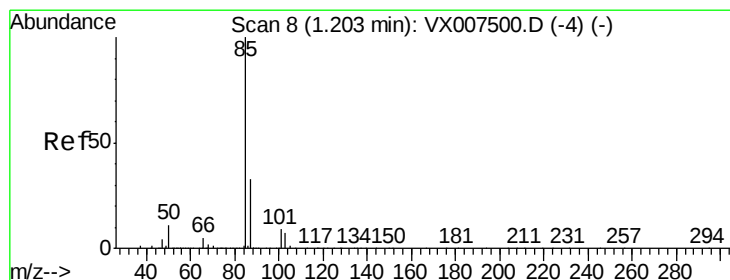
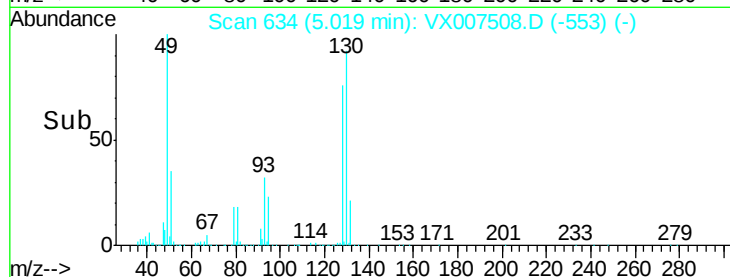
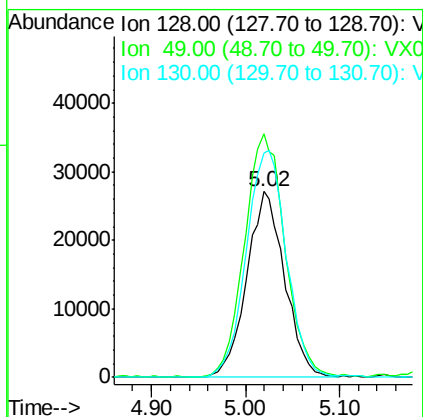
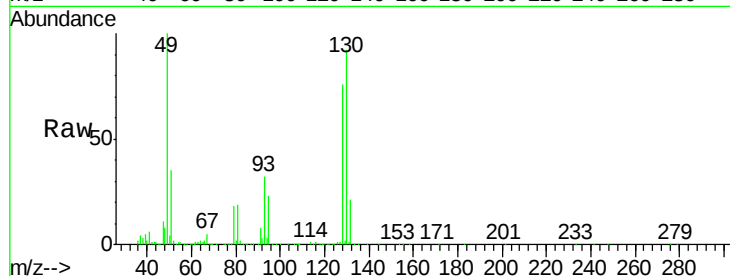
ClientSampleId :

VX0213WBS01

Tot Ion:	128	Resp:	76538
Ion	Ratio	Lower	Upper
128	100		
49	139.1	0.0	350.8
130	129.5	0.0	325.8

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#2

Dichlorodifluoromethane

Concen: 18.484 ug/l

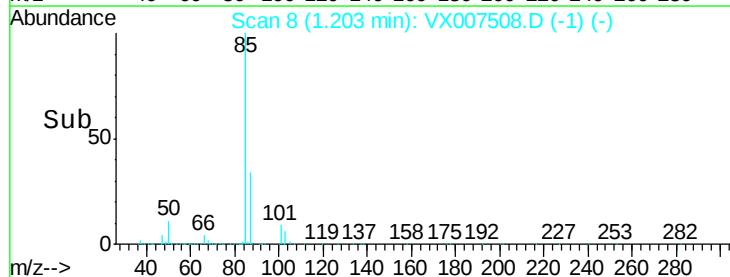
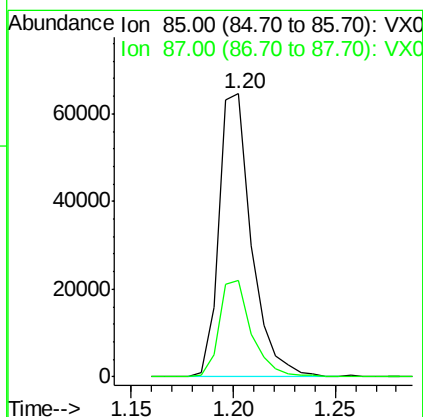
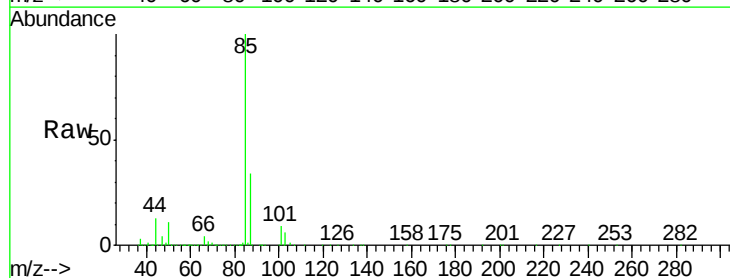
RT: 1.20 min Scan# 8

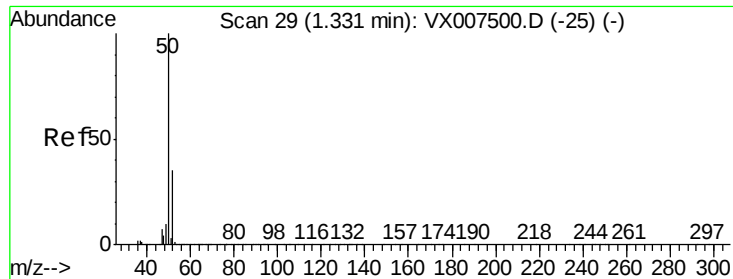
Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Tgt Ion:	85	Resp:	71641
Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.6	49.8





#3

Chloromethane

Concen: 20.292 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion: 50 Resp: 86436

Ion Ratio Lower Upper

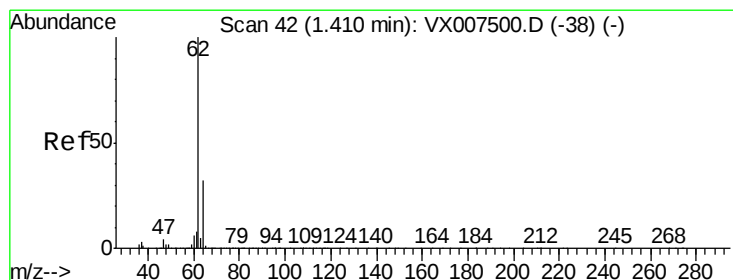
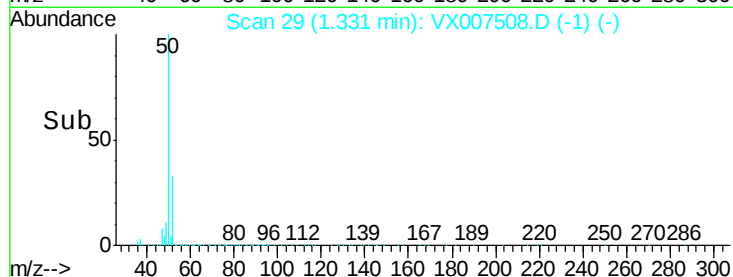
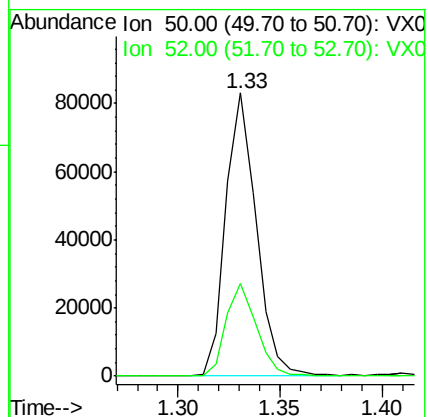
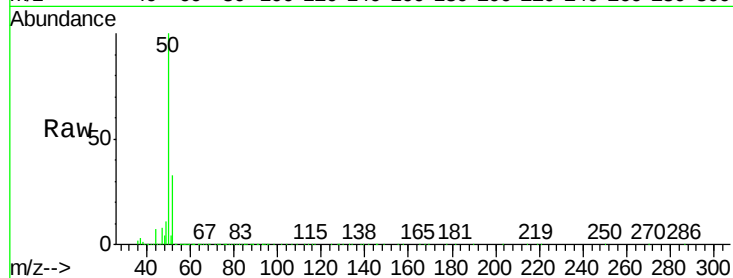
50 100

52 32.5 27.5 41.3

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#4

Vinyl Chloride

Concen: 19.283 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007508.D

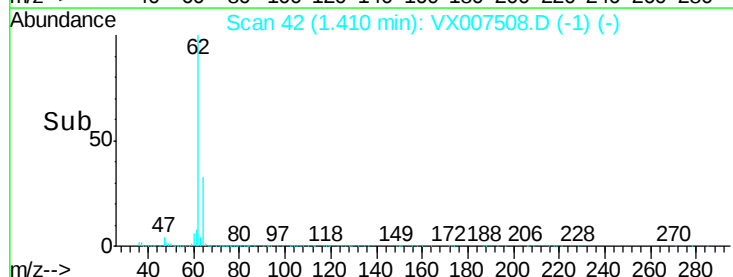
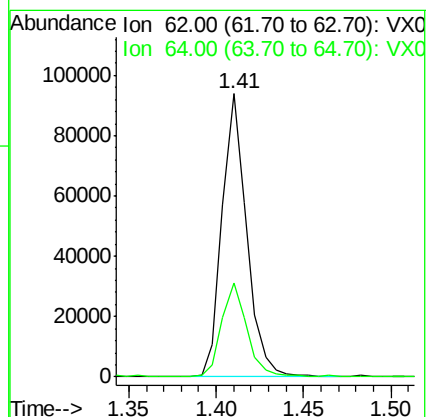
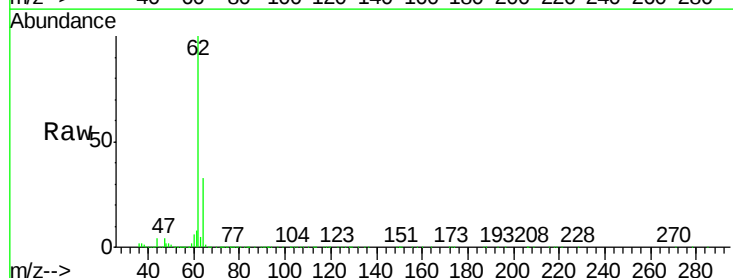
Acq: 13 Feb 2019 03:02

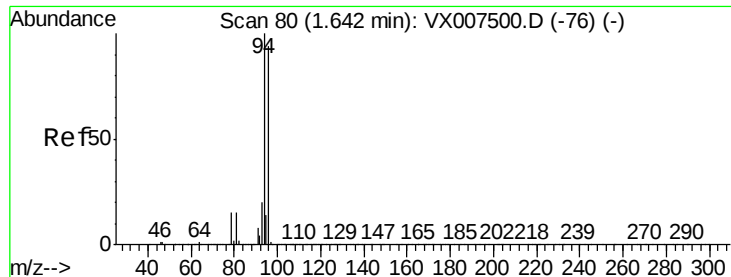
Tgt Ion: 62 Resp: 92391

Ion Ratio Lower Upper

62 100

64 33.1 25.9 38.9





#5

Bromomethane

Concen: 16.859 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion: 94 Resp: 72134

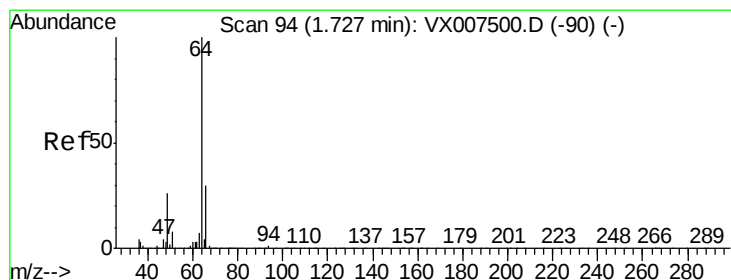
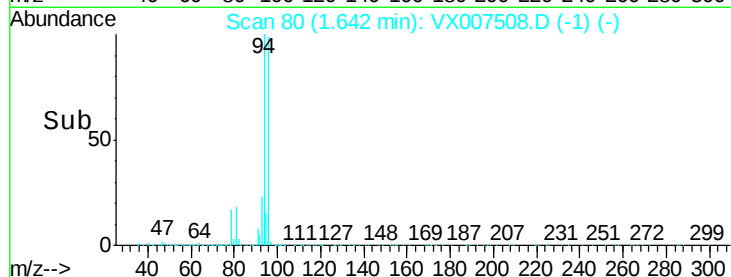
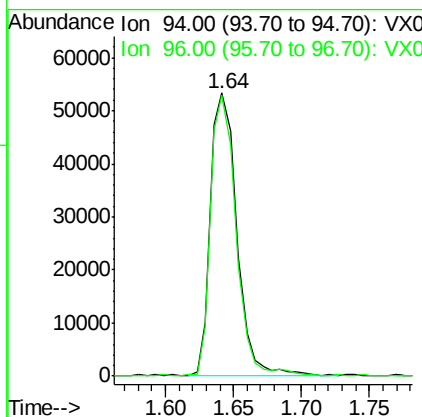
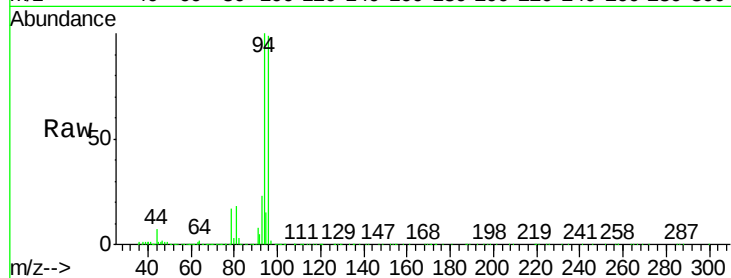
Ion Ratio Lower Upper

94 100

96 99.1 75.6 113.4

Manual Integrations
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#6

Chloroethane

Concen: 18.656 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX007508.D

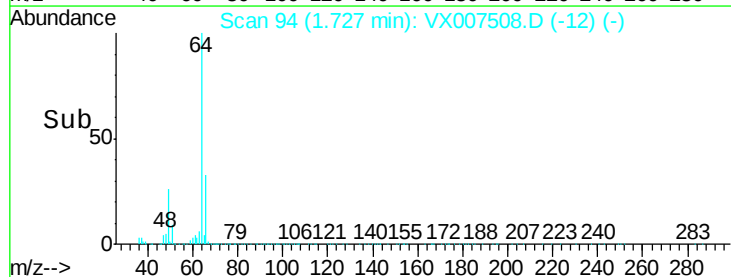
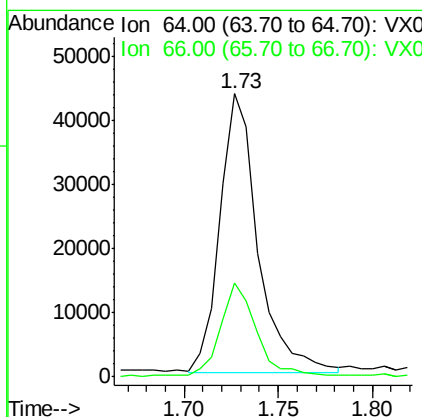
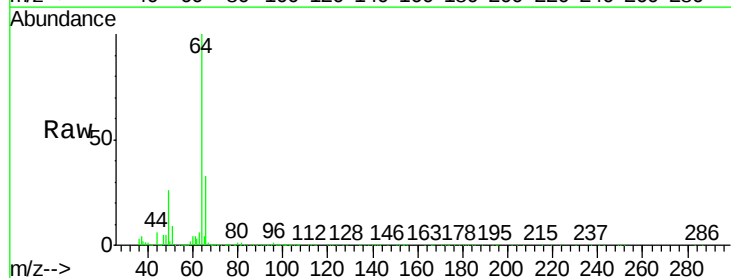
Acq: 13 Feb 2019 03:02

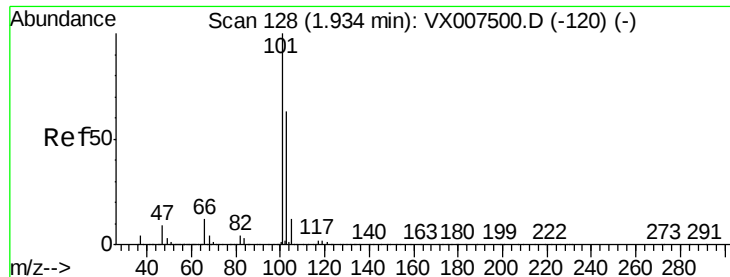
Tgt Ion: 64 Resp: 60761

Ion Ratio Lower Upper

64 100

66 33.5 23.9 35.9





#7

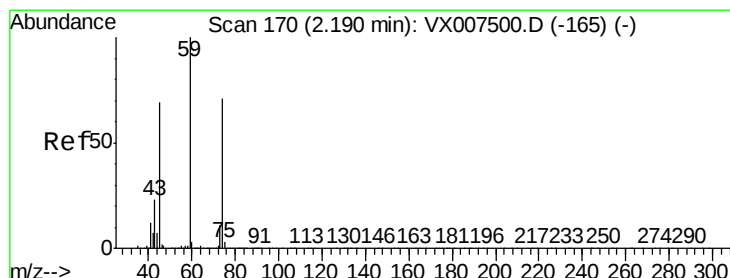
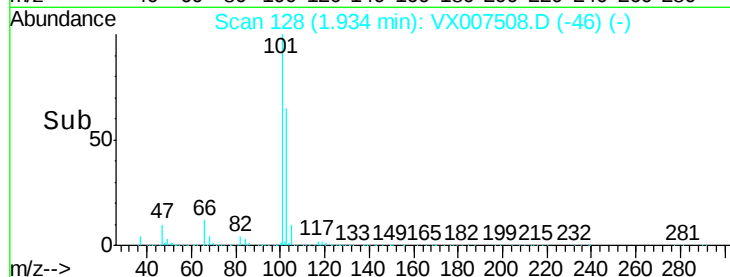
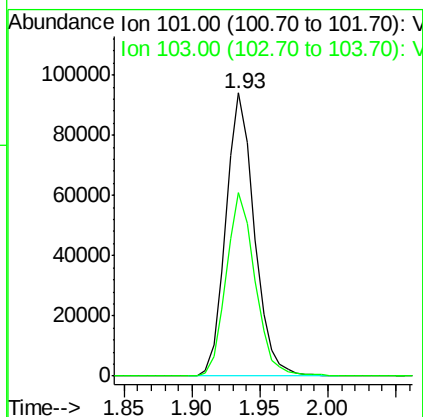
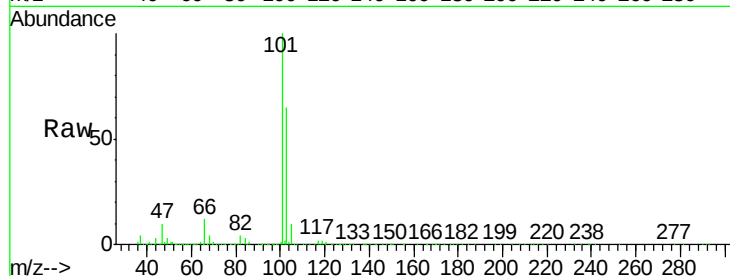
Trichlorofluoromethane
Concen: 18.277 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.4	75.6

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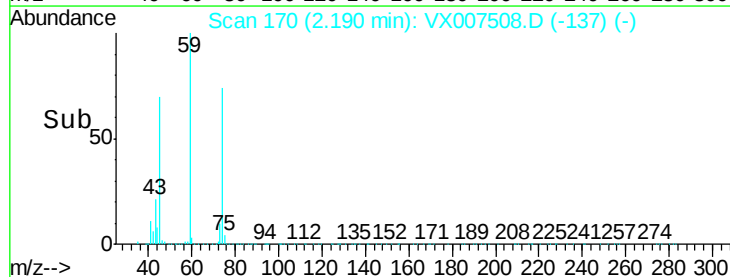
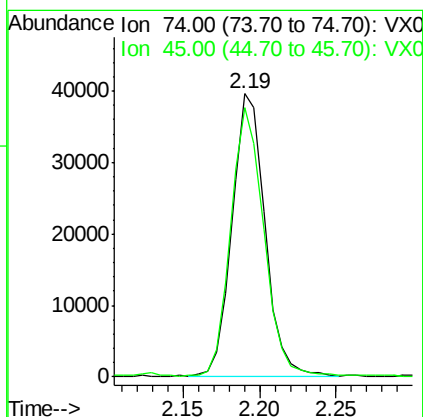
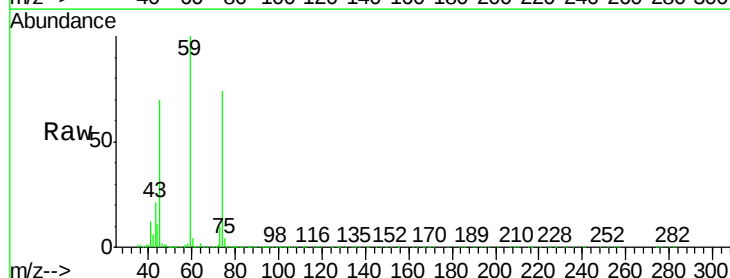
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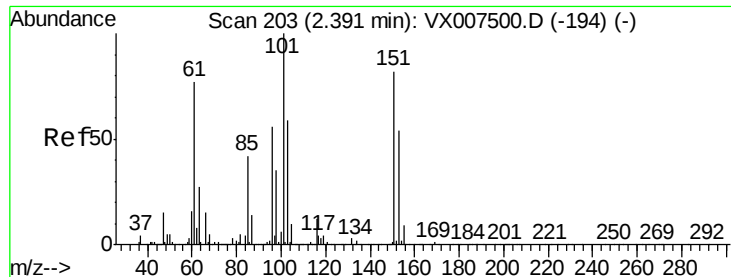


#8

Diethyl Ether
Concen: 19.811 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.552 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

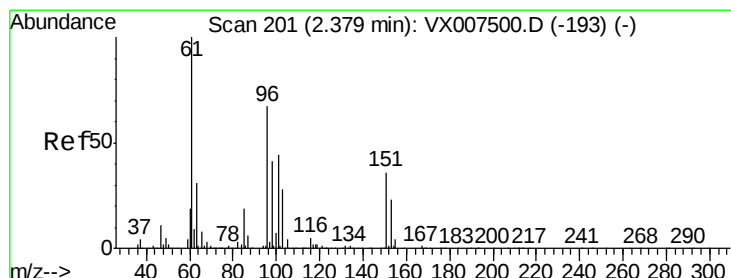
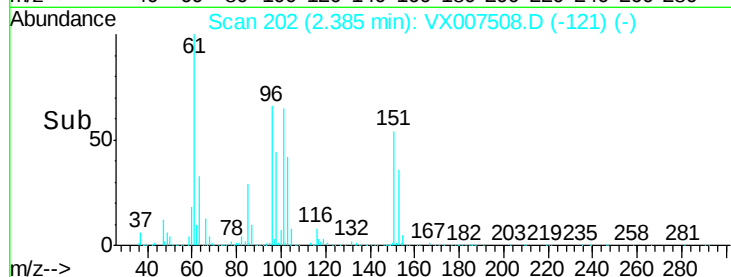
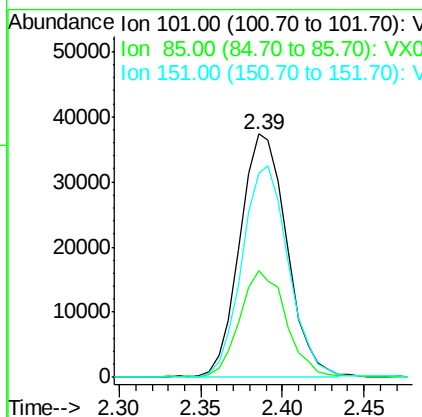
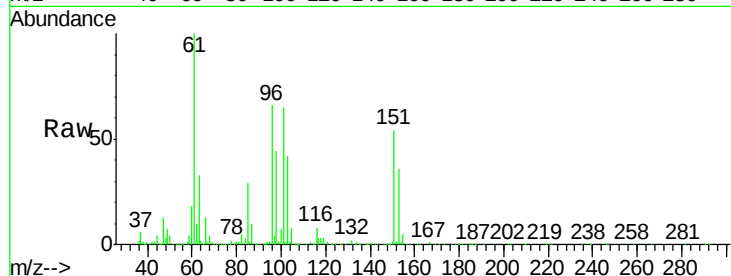
ClientSampleId :

VX0213WBS01

Tot Ion:	101	Resp:	74376
Ion Ratio	Lower	Upper	
101	100		
85	43.1	0.0	86.8
151	86.6	0.0	169.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.866 ug/l

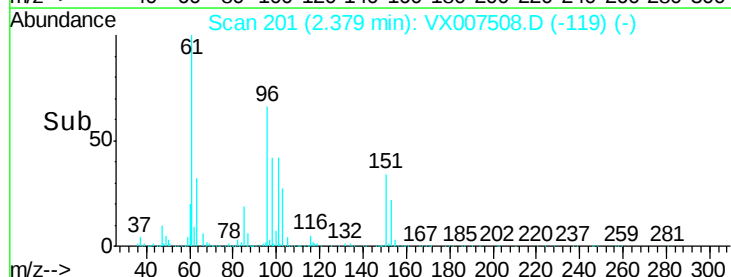
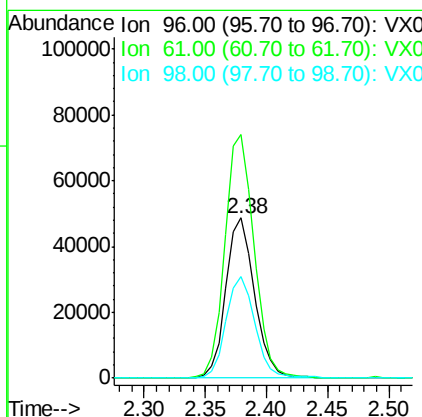
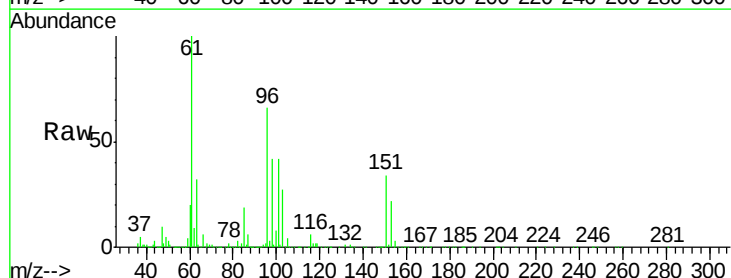
RT: 2.38 min Scan# 201

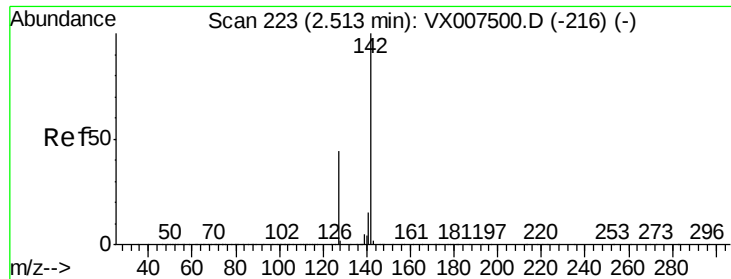
Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Tgt Ion:	96	Resp:	79328
Ion Ratio	Lower	Upper	
96	100		
61	151.8	120.2	180.2
98	63.5	49.0	73.4





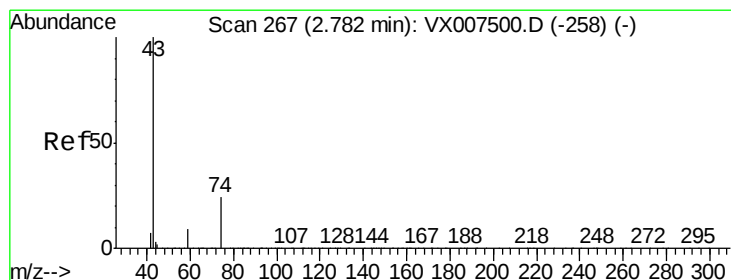
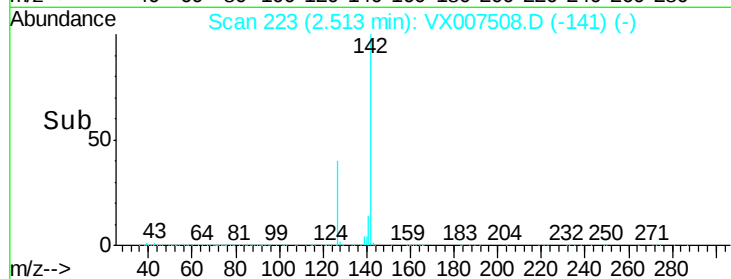
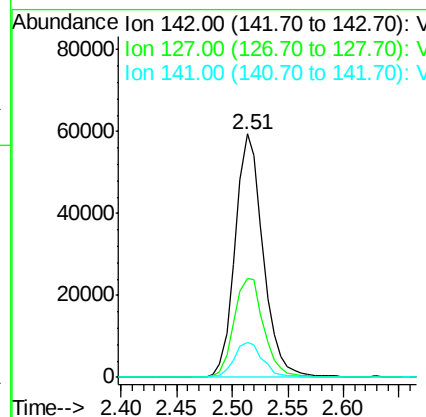
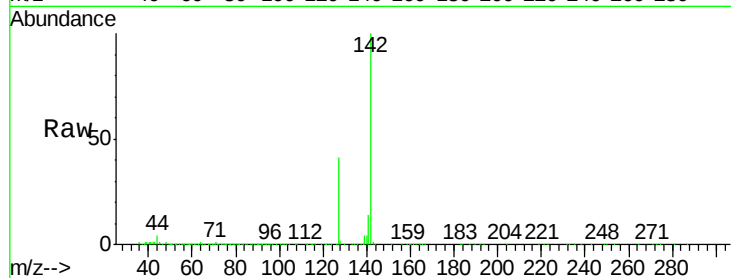
#11
Methvl Iodide
Concen: 17.207 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.5	22.1	66.5
141	14.2	7.4	22.3

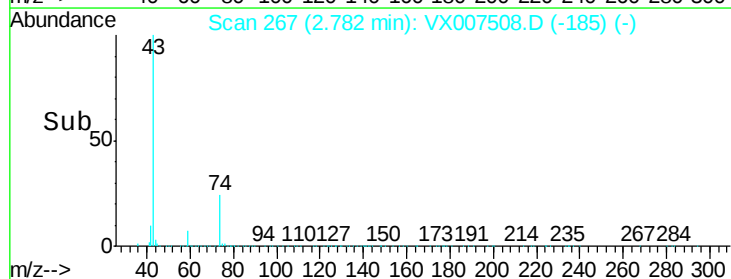
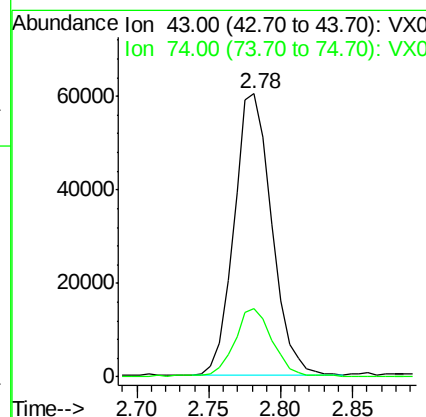
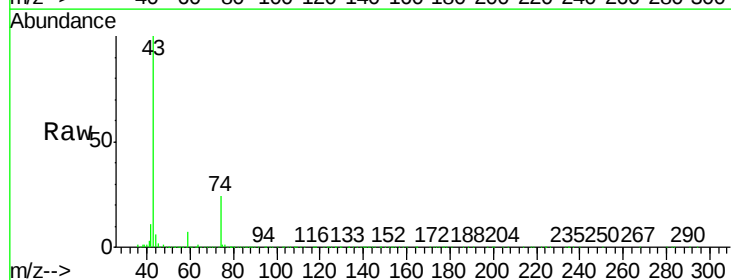
Manual Integrations
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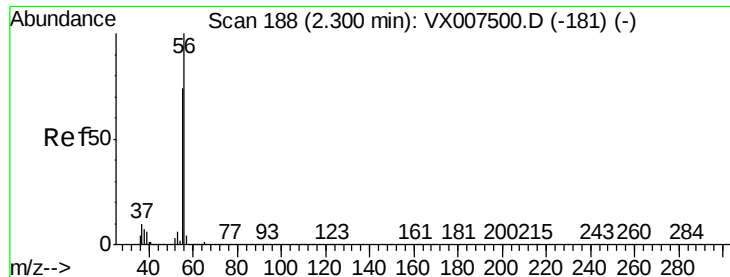
MMDadoda
2/13/2019 11:53:09 AM



#12
Methyl Acetate
Concen: 18.887 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.4	29.0





#13

Acrolein

Concen: 83.897 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion: 56 Resp: 84865

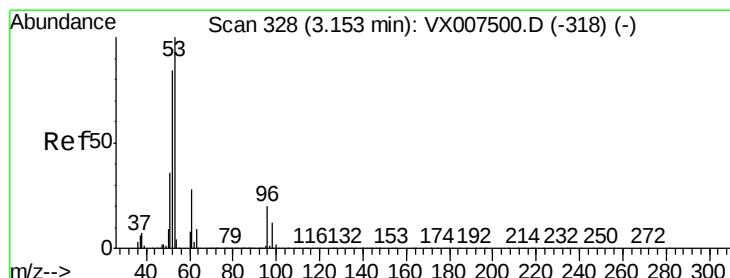
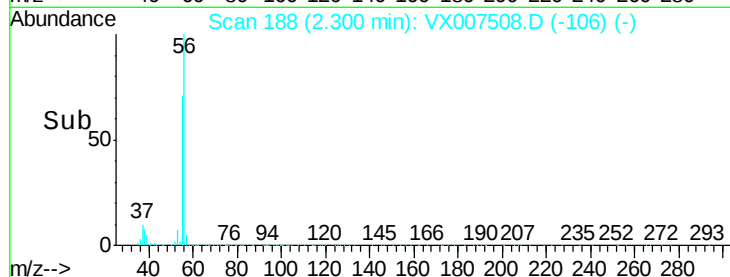
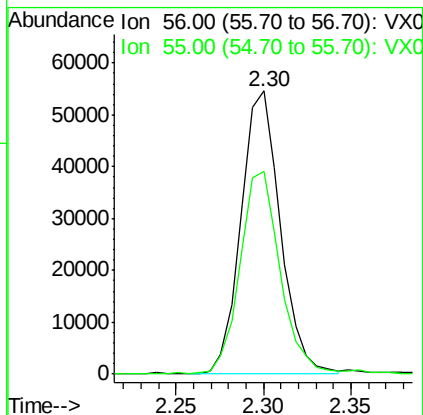
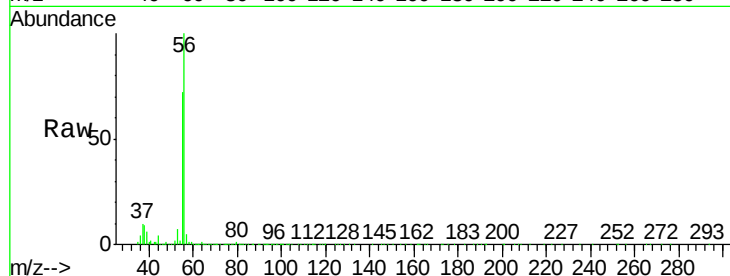
Ion Ratio Lower Upper

56 100

55 73.8 58.6 87.8

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2/13/2019 11:53:09 AM



#14

Acrylonitrile

Concen: 99.025 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

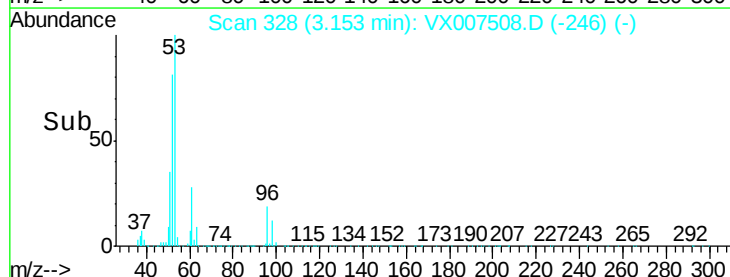
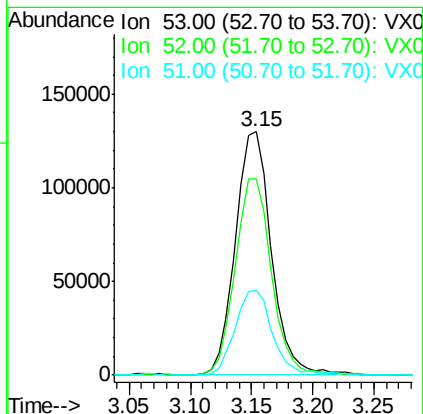
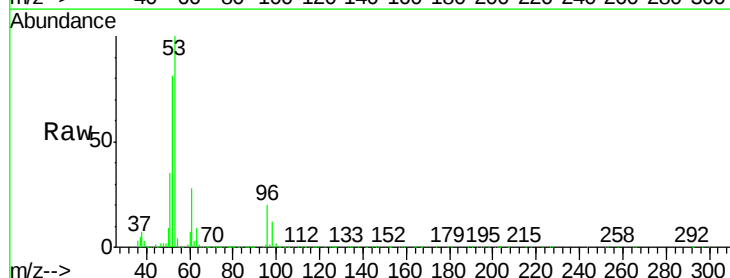
Tgt Ion: 53 Resp: 264582

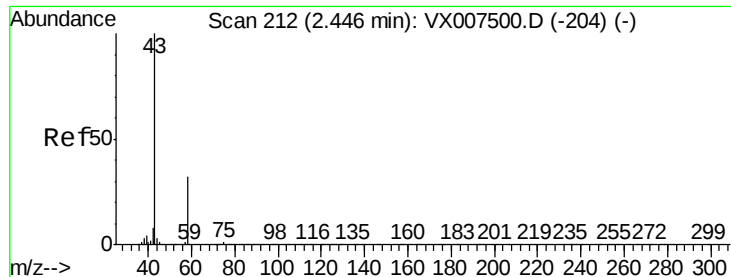
Ion Ratio Lower Upper

53 100

52 81.1 41.3 124.1

51 35.6 17.5 52.6





#15

Acetone

Concen: 96.322 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion: 58 Resp: 69845

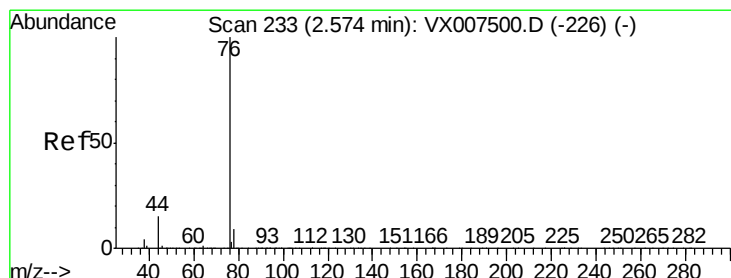
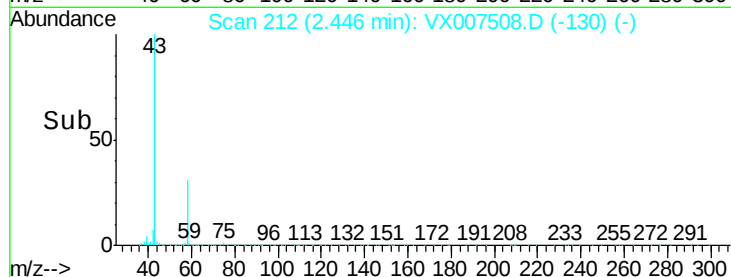
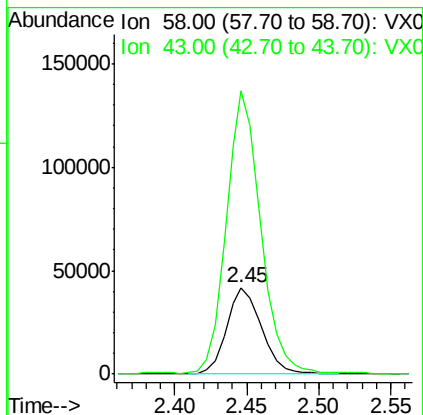
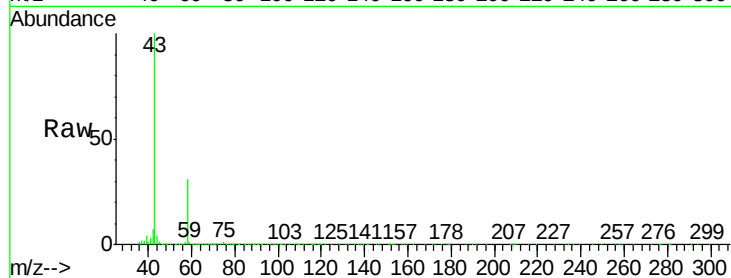
Ion Ratio Lower Upper

58 100

43 327.4 249.8 374.6

Manual Integrations
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#16

Carbon Disulfide

Concen: 18.599 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007508.D

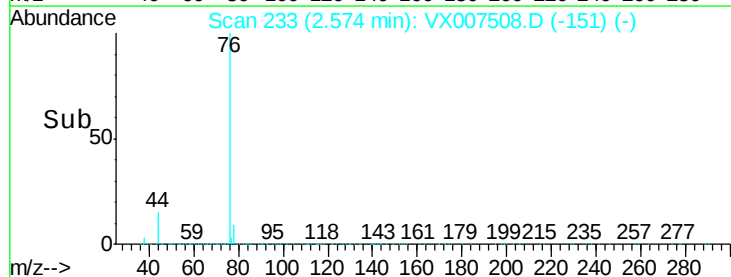
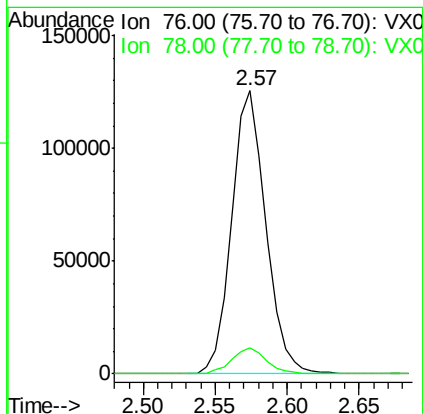
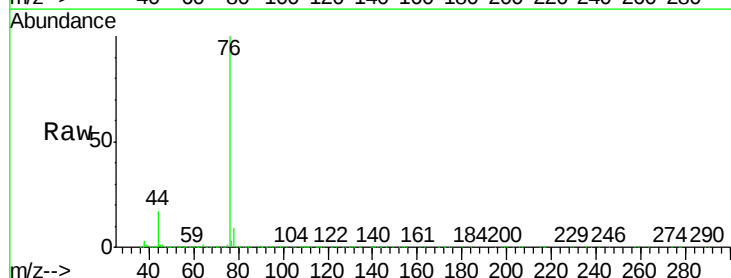
Acq: 13 Feb 2019 03:02

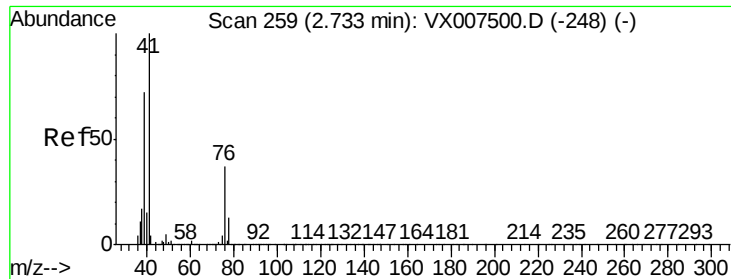
Tgt Ion: 76 Resp: 207394

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





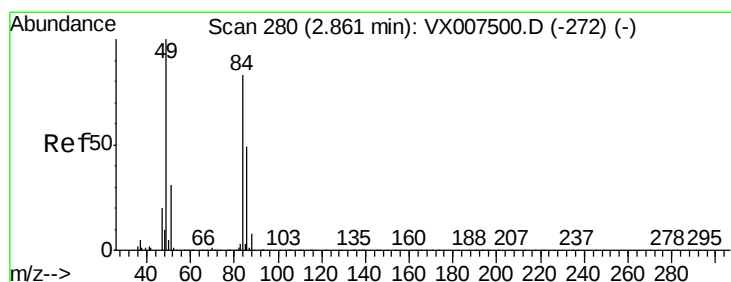
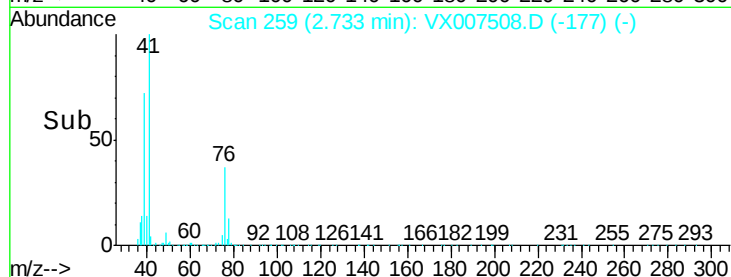
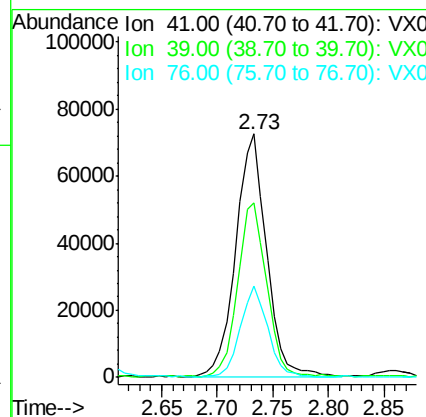
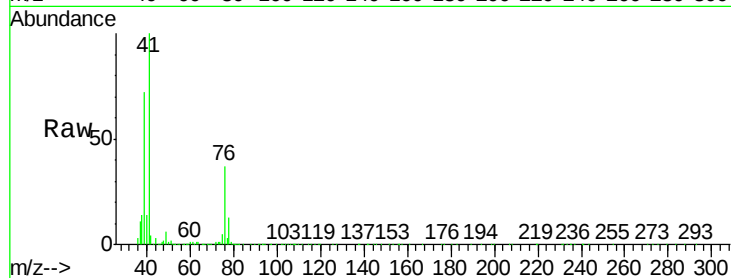
#17
Allvl chloride
Concen: 19.329 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.6	35.8	107.4
76	37.3	18.3	54.9

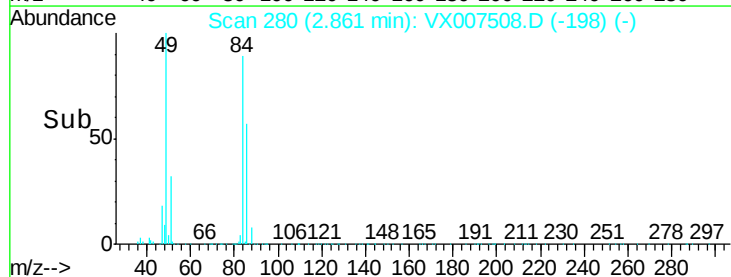
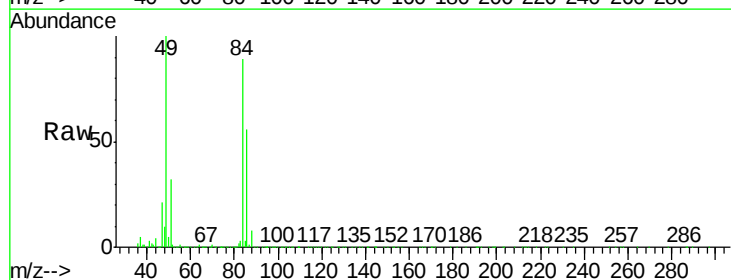
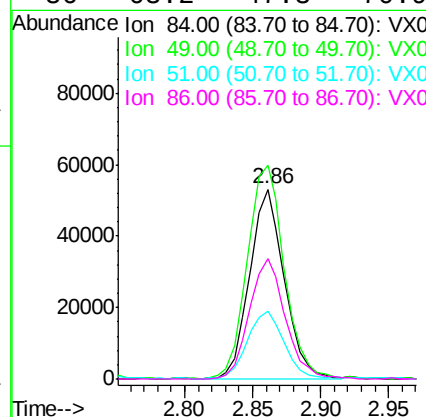
Manual Integrations
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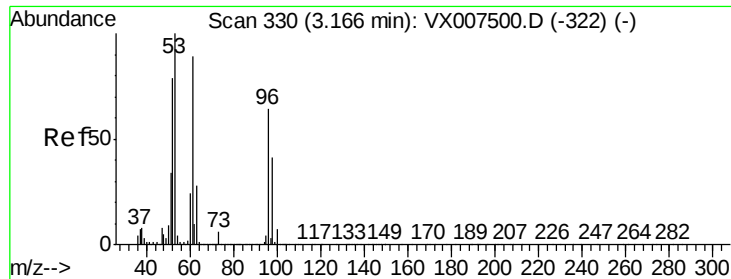
MMDadoda
2/13/2019 11:53:09 AM



#18
Methylene Chloride
Concen: 20.057 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.0	96.1	144.1
51	35.5	29.1	43.7
86	63.2	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 18.460 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

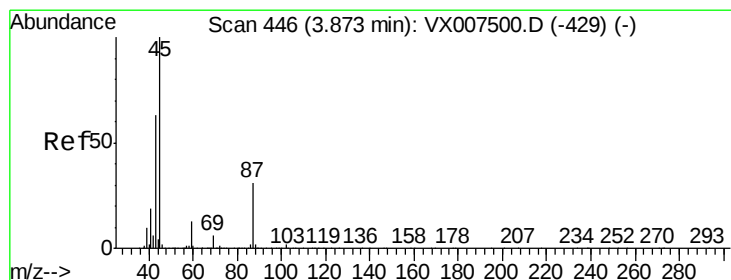
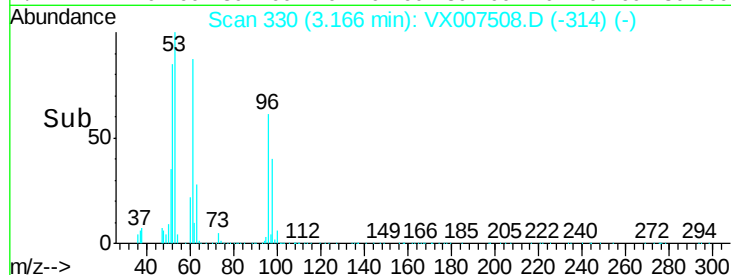
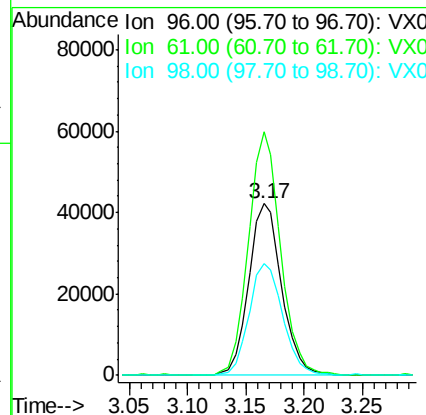
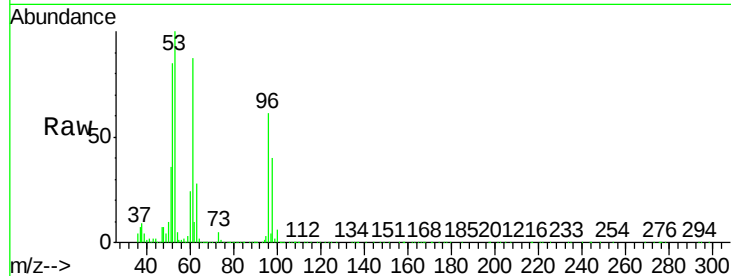
ClientSampleId :

VX0213WBS01

Tot Ion:	96	Resp:	83020
Ion Ratio	Lower	Upper	
96	100		
61	141.5	109.9	164.9
98	64.5	50.4	75.6

Manual Integrations
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MMDadoda
2/13/2019 11:53:09 AM



#20

Diisopropyl ether

Concen: 20.235 ug/l

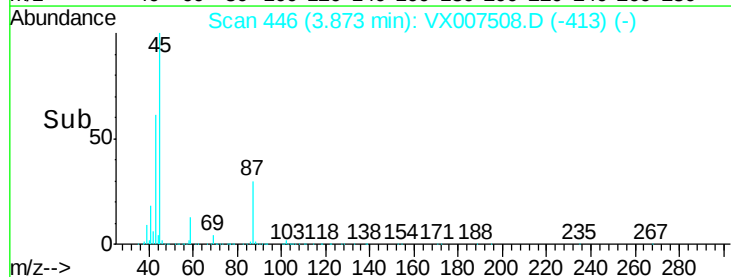
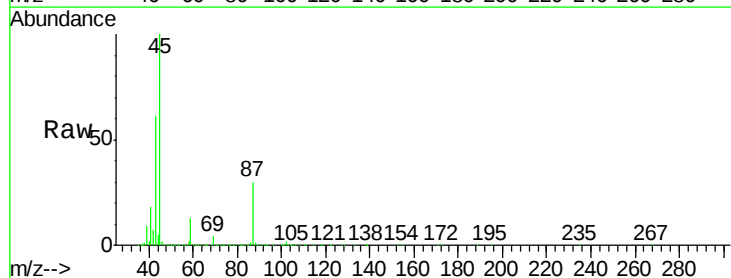
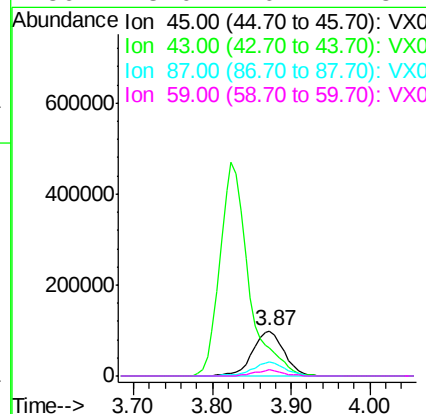
RT: 3.87 min Scan# 446

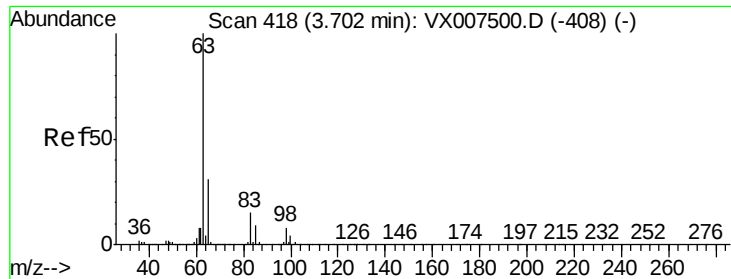
Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Tgt Ion:	45	Resp:	275497
Ion Ratio	Lower	Upper	
45	100		
43	60.3	50.6	76.0
87	30.3	24.5	36.7
59	13.0	10.2	15.2





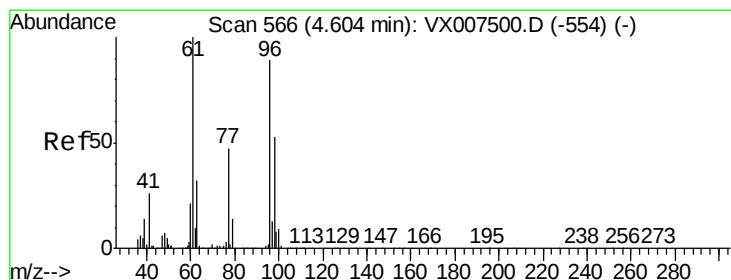
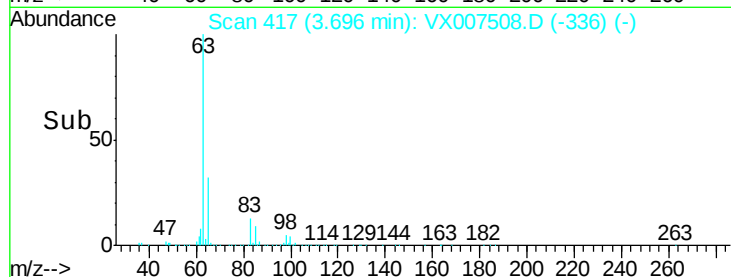
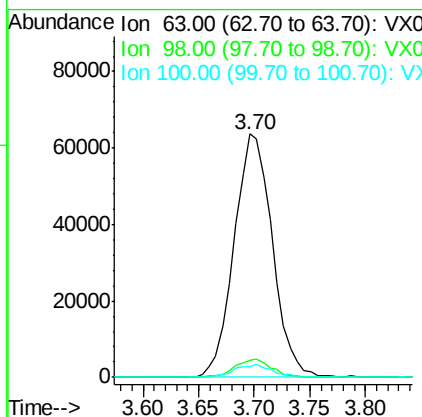
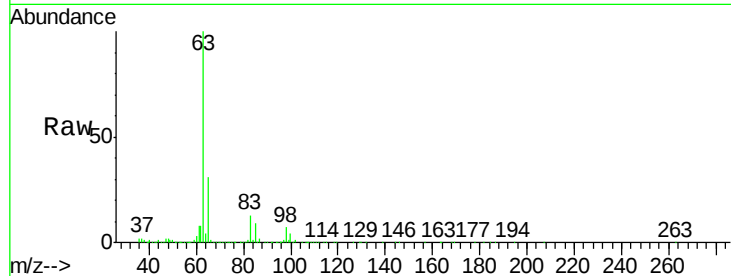
#21
 1,1-Dichloroethane
 Concen: 19.873 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

Tot Ion:	63	Resp:	151692
Ion Ratio	Lower	Upper	
63	100		
98	6.9	3.8	11.4
100	4.2	2.4	7.1

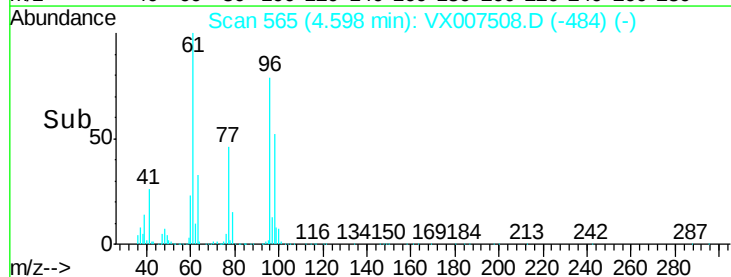
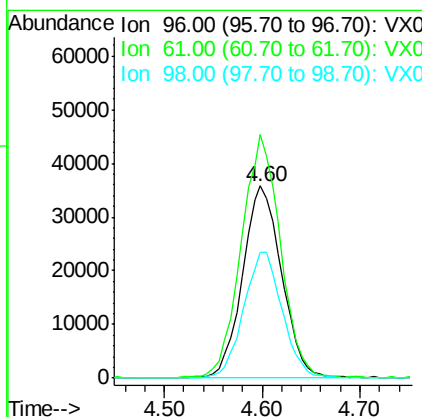
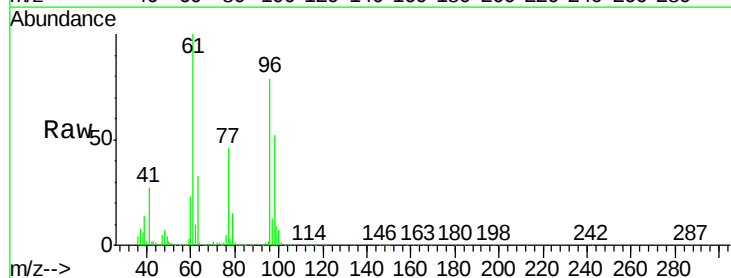
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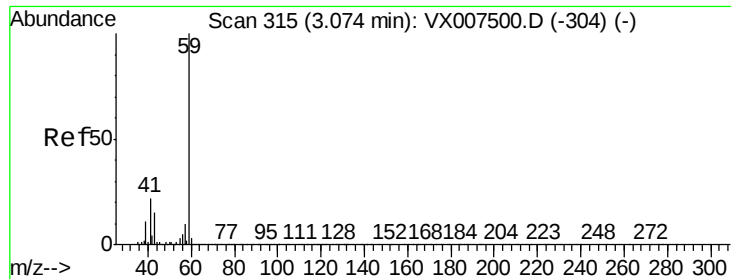
MMDadoda
 2/13/2019 11:53:09 AM



#22
 cis-1,2-Dichloroethene
 Concen: 19.791 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion:	96	Resp:	99053
Ion Ratio	Lower	Upper	
96	100		
61	127.1	103.5	155.3
98	64.6	52.1	78.1





#23

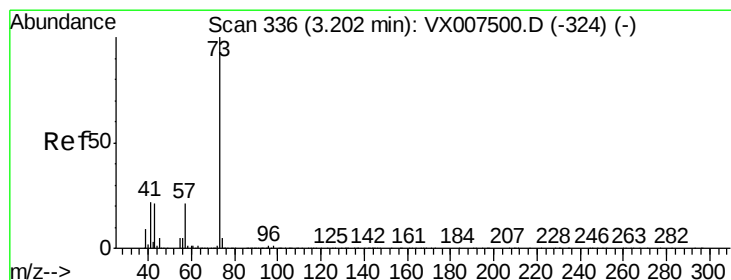
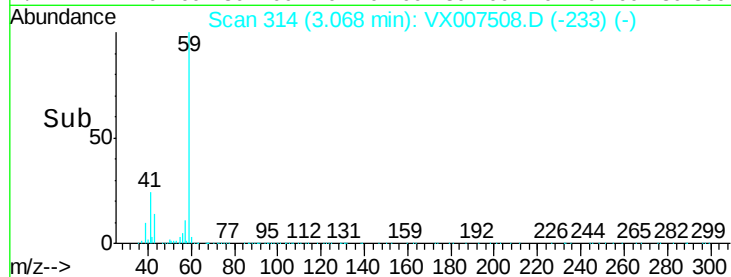
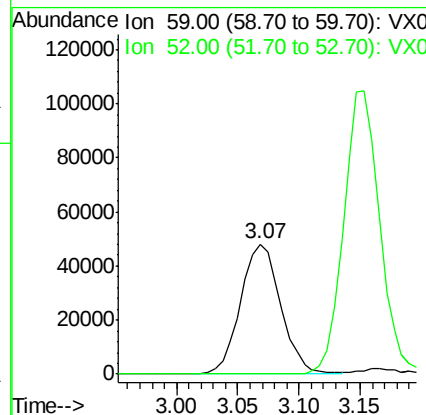
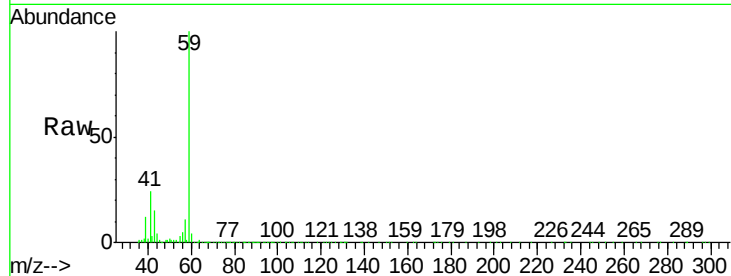
tert-Butyl Alcohol
 Concen: 97.975 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

Manual Integrations
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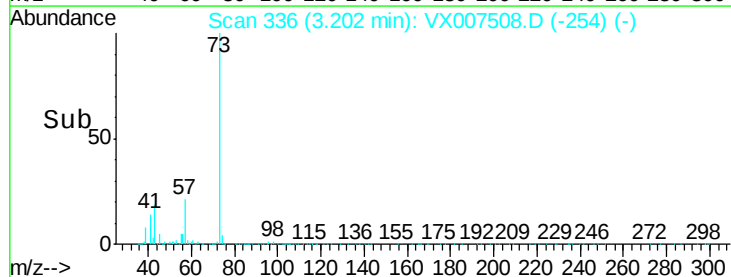
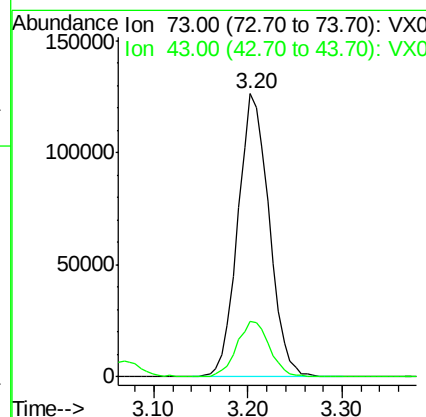
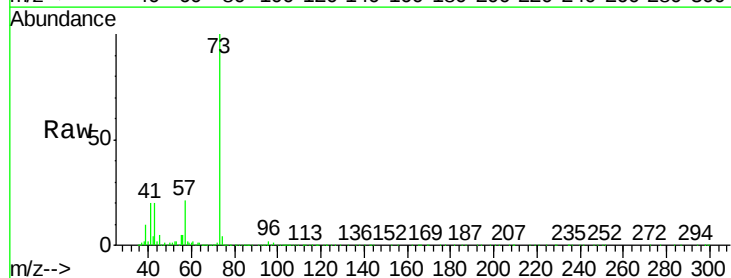
MMDadoda
 2/13/2019 11:53:09 AM

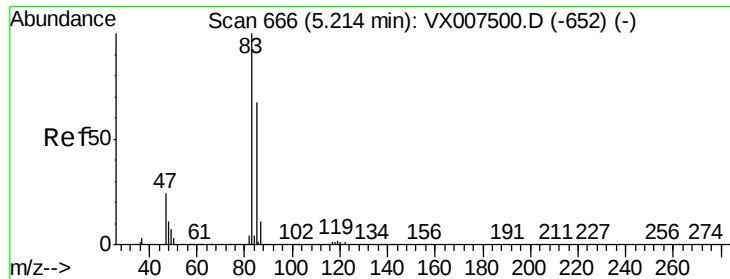


#24

Methyl tert-Butyl Ether
 Concen: 20.039 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.2	17.1	25.7





#25

Chloroform

Concen: 19.751 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion: 83 Resp: 159226

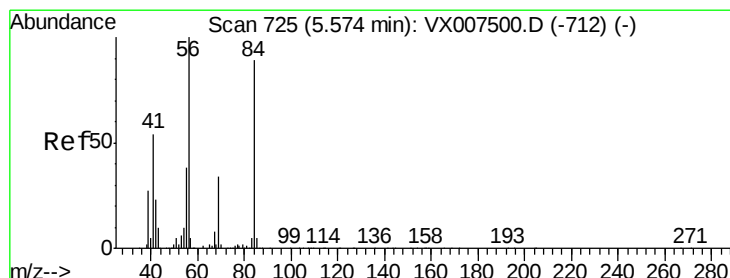
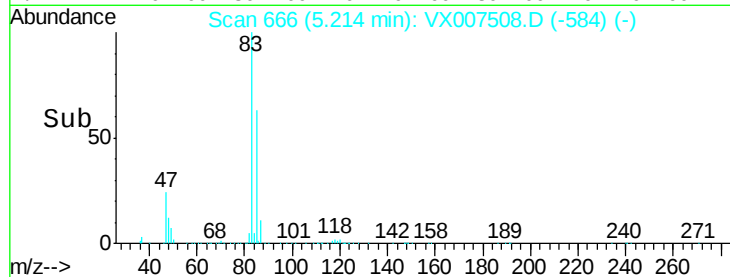
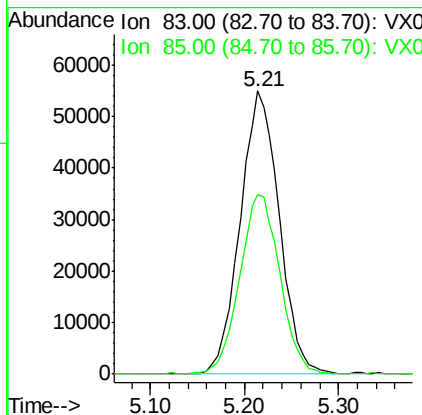
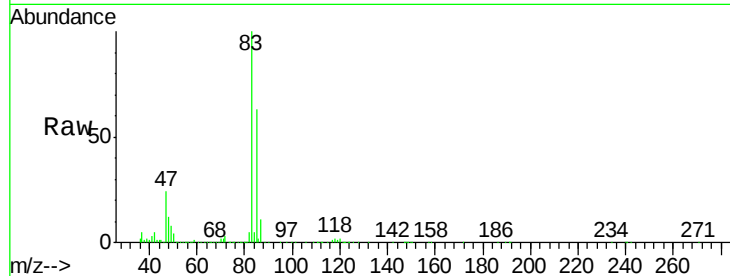
Ion Ratio Lower Upper

83 100

85 63.2 53.8 80.6

Manual Integrations
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#26

Cyclohexane

Concen: 18.339 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

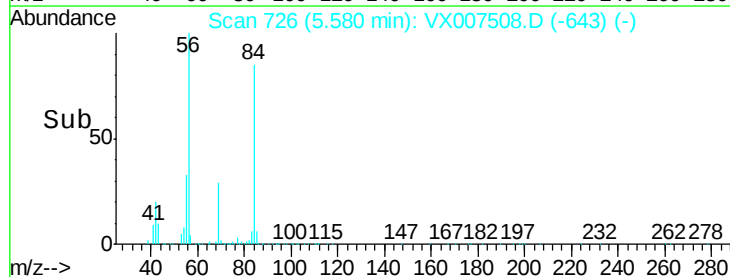
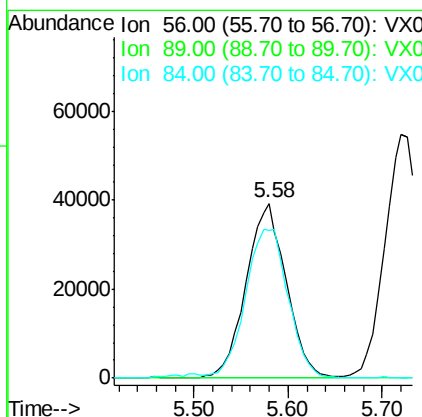
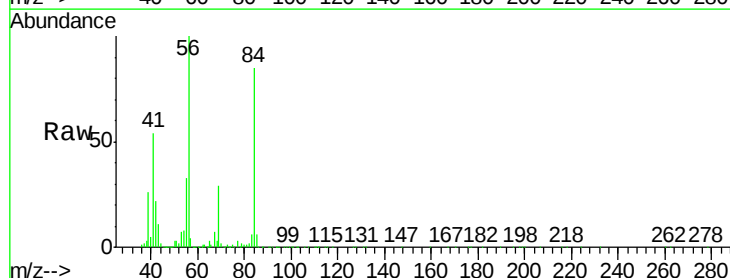
Tgt Ion: 56 Resp: 117381

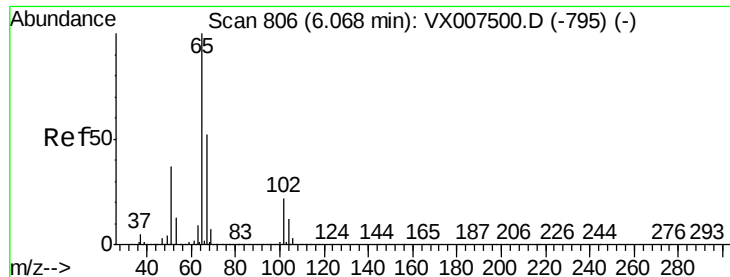
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 90.8 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.927 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion: 65 Resp: 148172

Ion Ratio Lower Upper

65 100

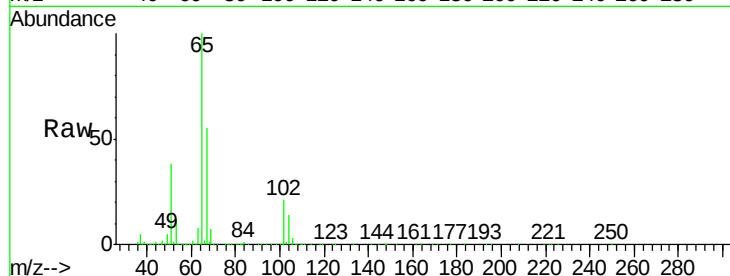
67 53.7 42.9 64.3

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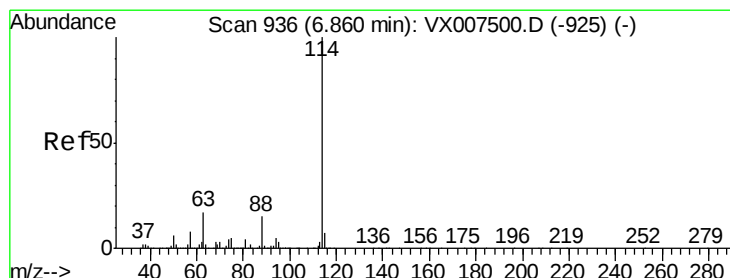
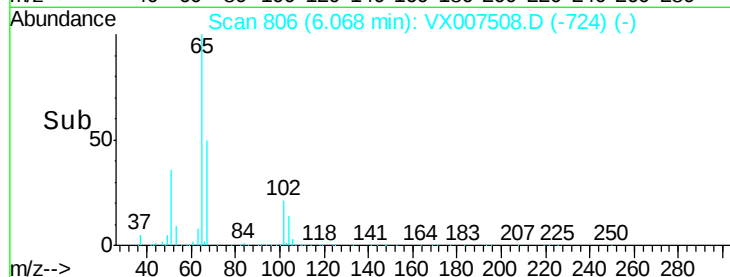
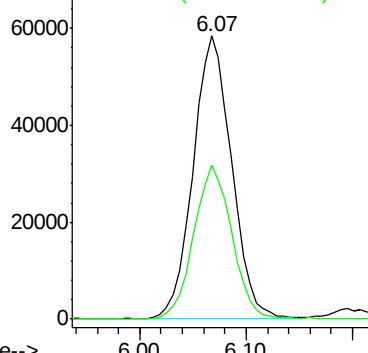
MMDadoda

2/13/2019 11:53:09 AM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

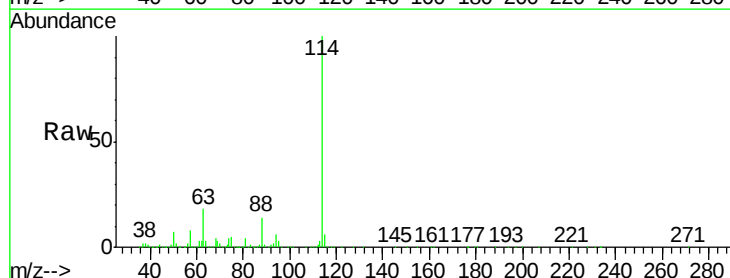
Tgt Ion: 114 Resp: 393287

Ion Ratio Lower Upper

114 100

63 18.3 14.2 21.4

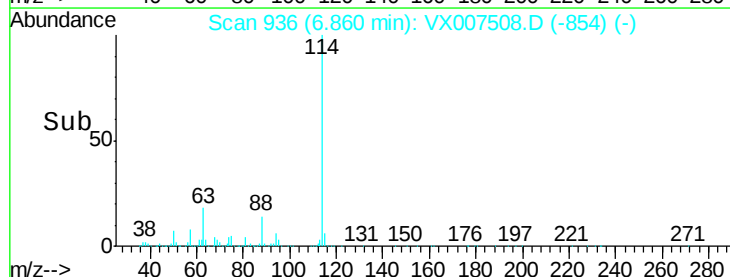
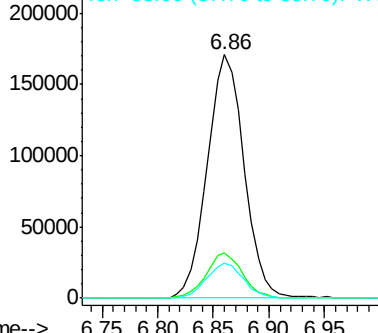
88 14.5 11.9 17.9

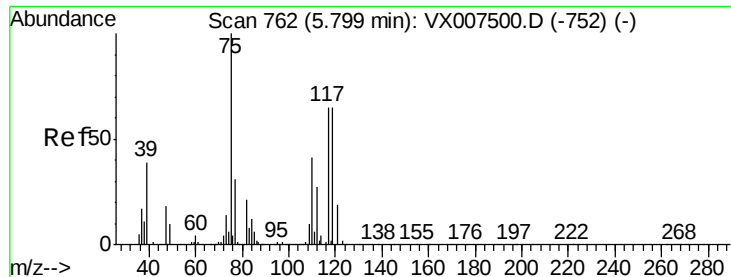


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





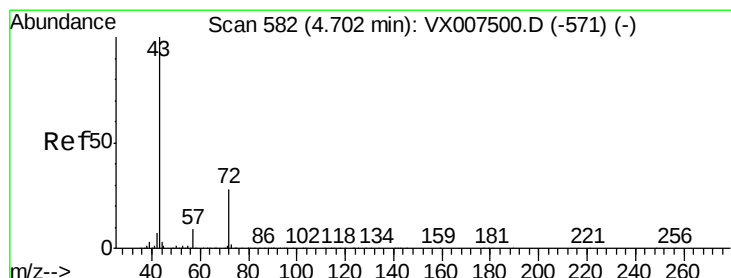
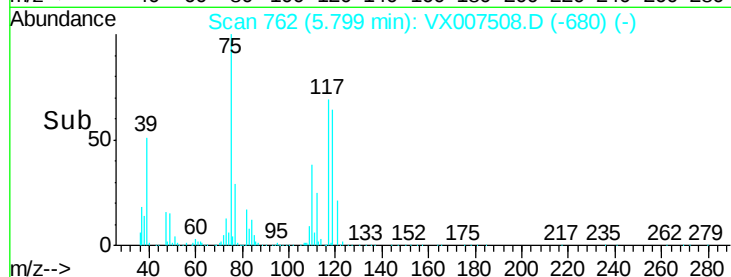
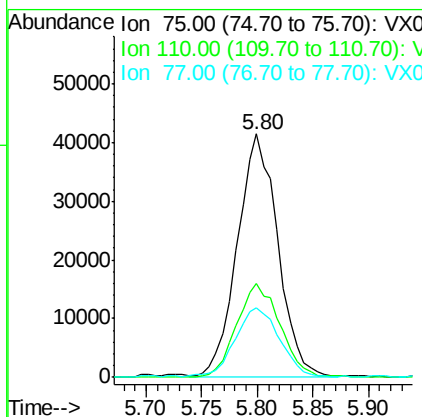
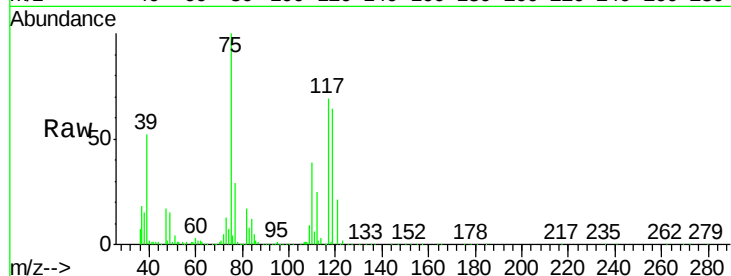
#29
 1,1-Dichloropropene
 Concen: 19.099 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	41.3	0.0	80.8
77	31.4	0.0	62.4

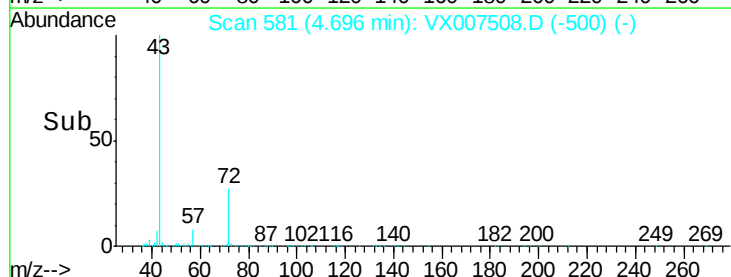
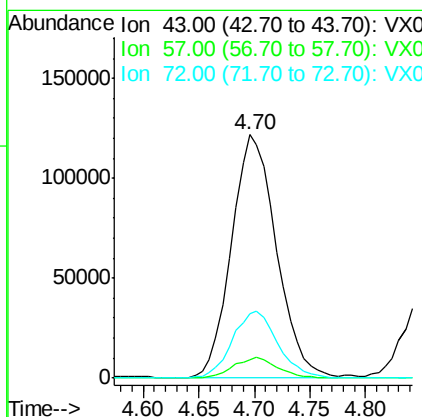
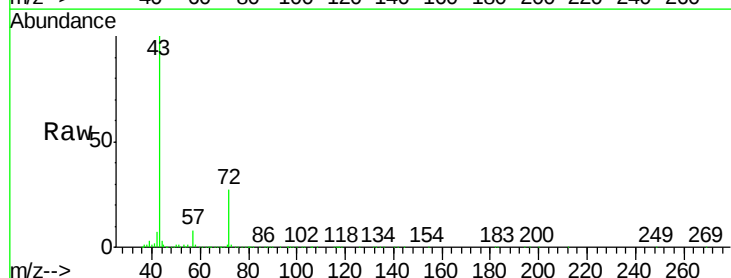
Manual Integrations
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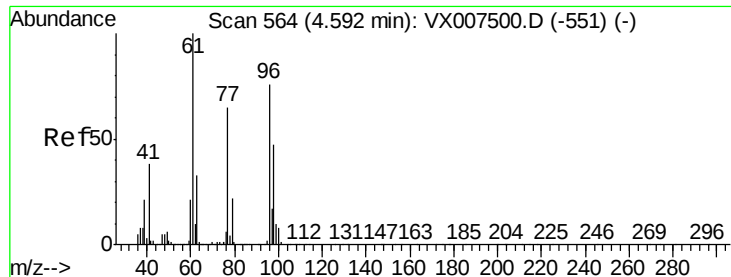
MMDadoda
 2/13/2019 11:53:09 AM



#30
 2-Butanone
 Concen: 104.340 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.4	7.0	10.6
72	27.9	21.5	32.3





#31

2,2-Dichloropropane

Concen: 17.110 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion: 77 Resp: 76260

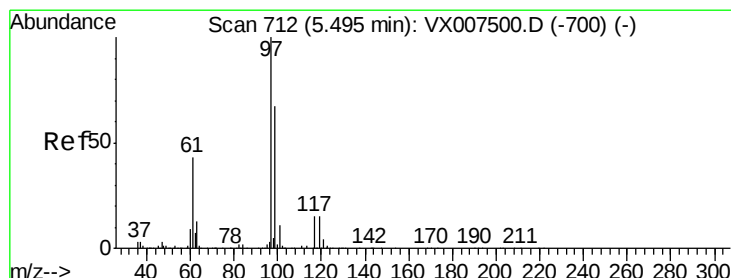
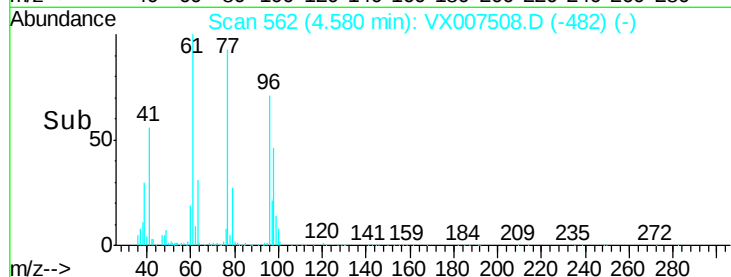
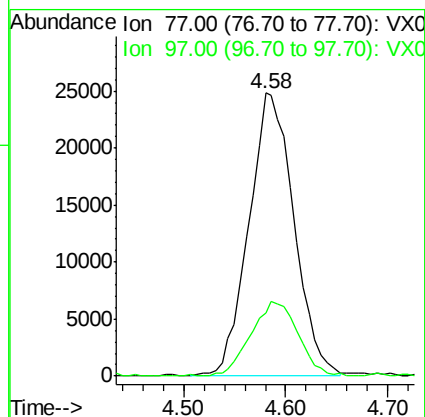
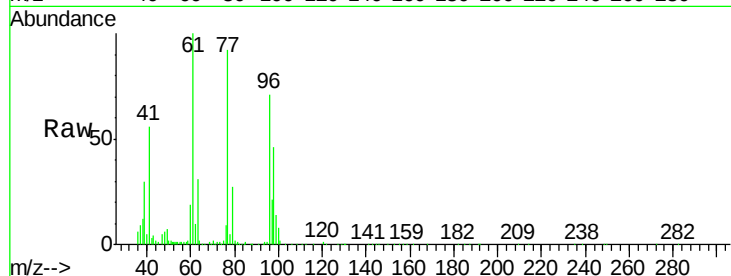
Ion Ratio Lower Upper

77 100

97 27.4 20.6 31.0

Manual Integrations
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2/13/2019 11:53:09 AM



#32

1,1,1-Trichloroethane

Concen: 19.573 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

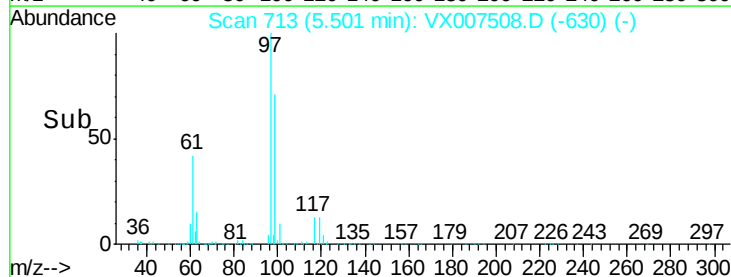
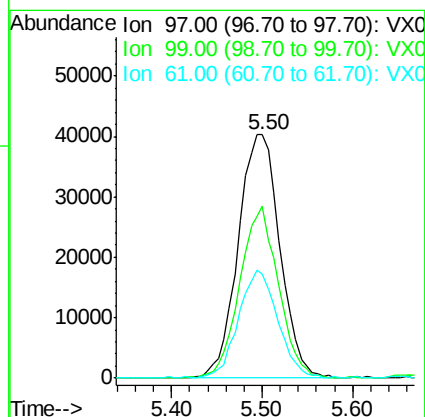
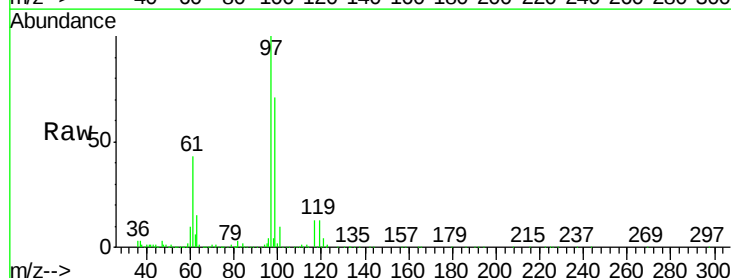
Tgt Ion: 97 Resp: 128344

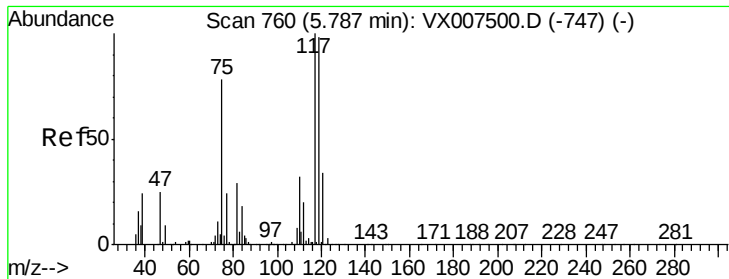
Ion Ratio Lower Upper

97 100

99 65.2 51.7 77.5

61 41.7 32.8 49.2





#33

Carbon Tetrachloride

Concen: 18.880 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

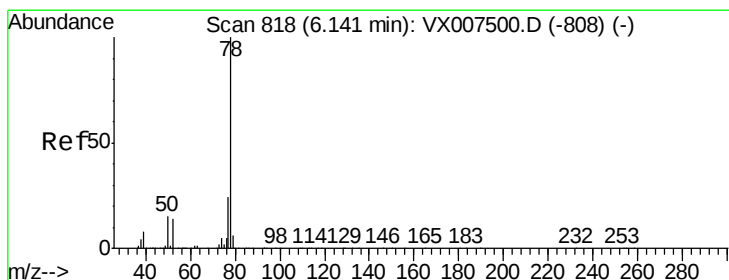
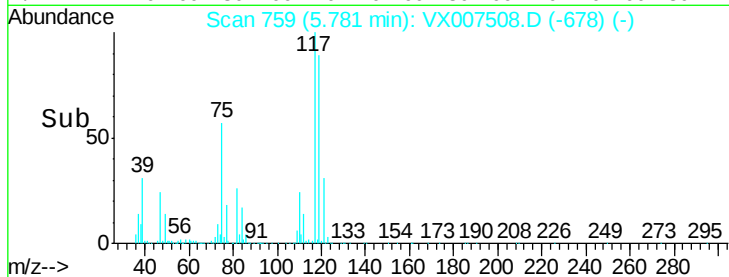
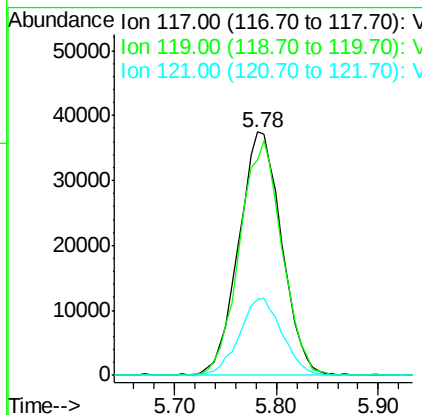
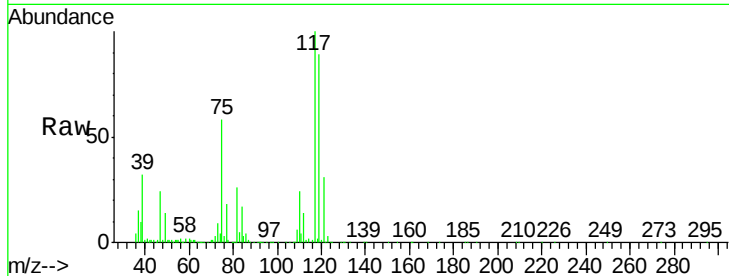
ClientSampleId :

VX0213WBS01

Tot Ion:	117	Resp:	109438
Ion Ratio	Lower	Upper	
117	100		
119	88.6	78.1	117.1
121	31.3	27.0	40.6

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#34

Benzene

Concen: 20.441 ug/l

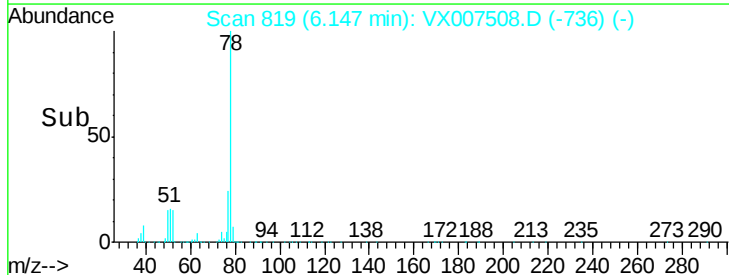
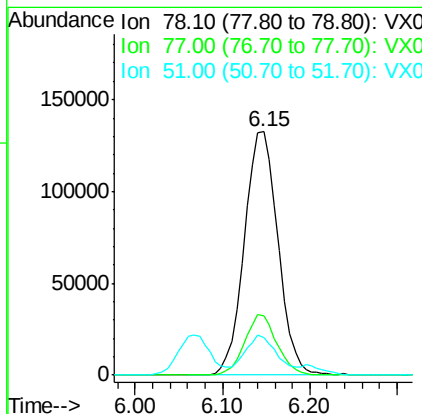
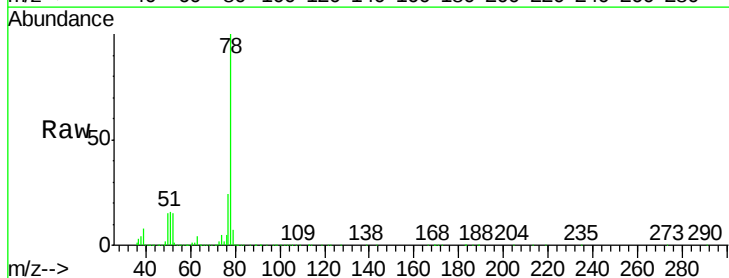
RT: 6.15 min Scan# 819

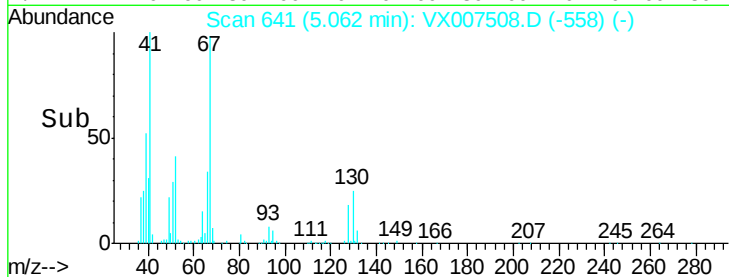
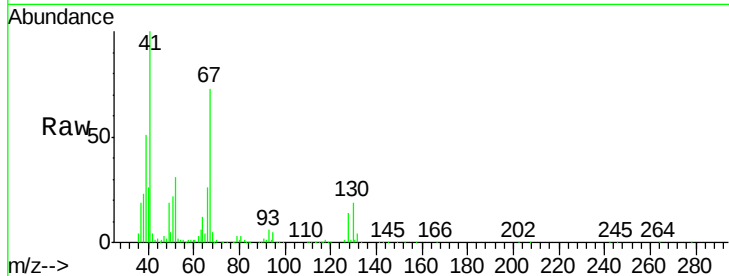
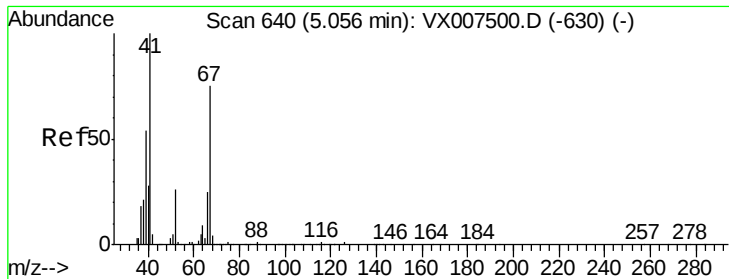
Delta R.T. 0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

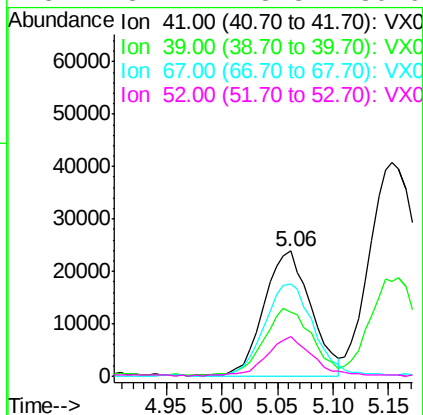
Tgt Ion:	78	Resp:	353513
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.1	28.7
51	15.1	10.8	16.2





#35
Methacrylonitrile
Concen: 20.827 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

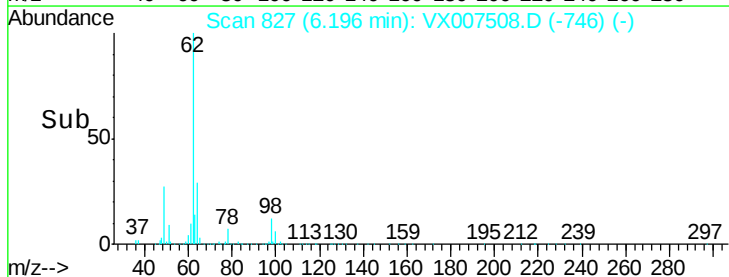
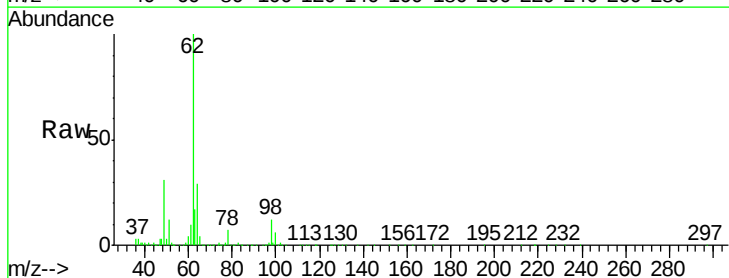
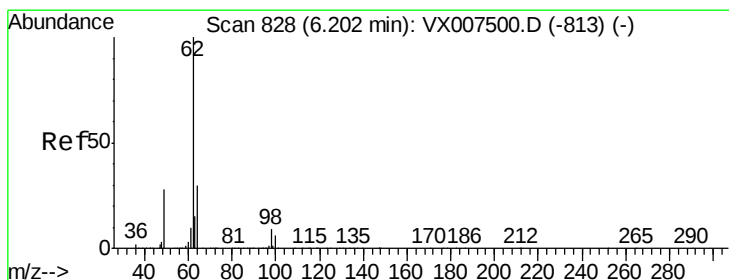
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.7	27.4	82.0	
67	73.5	37.9	113.6	
52	31.2	13.3	39.9	



Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

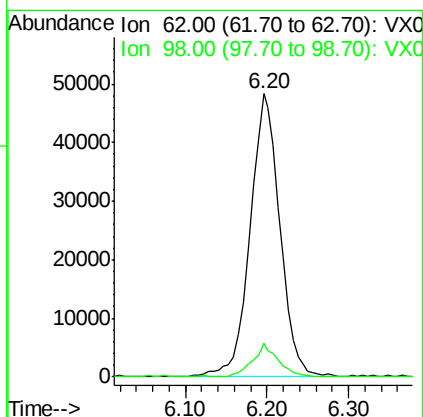
Manual Integrations
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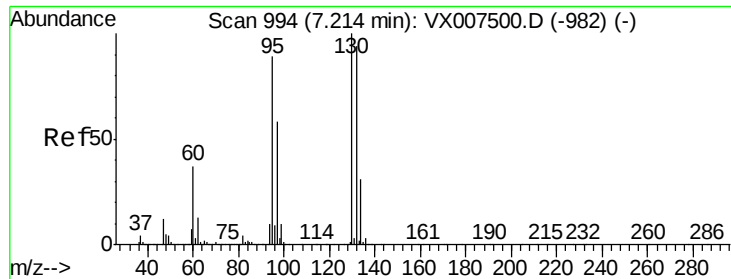
MMDadoda
2/13/2019 11:53:09 AM



#36
1,2-Dichloroethane
Concen: 20.947 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	7.8	11.8	





#37

Trichloroethene

Concen: 19.727 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion:130 Resp: 98087

Ion Ratio Lower Upper

130 100

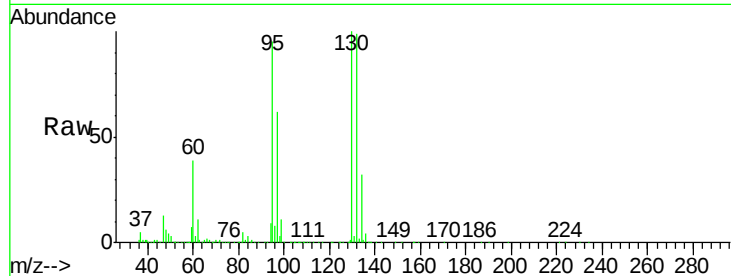
95 95.0 71.3 106.9

Manual Integrations

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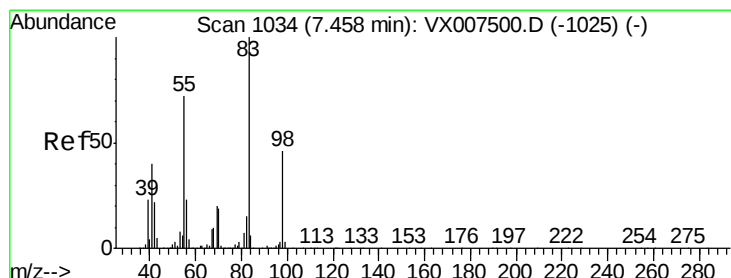
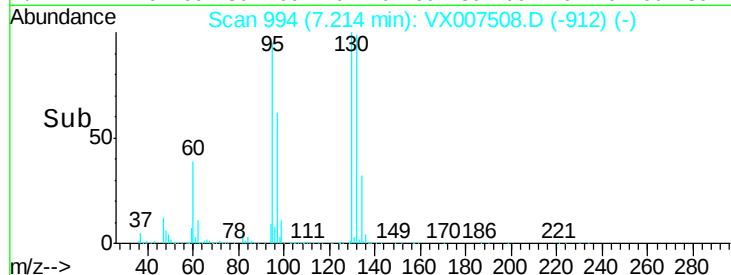
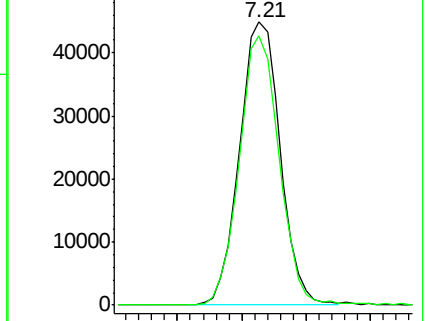
MMDadoda

2/13/2019 11:53:09 AM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.600 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

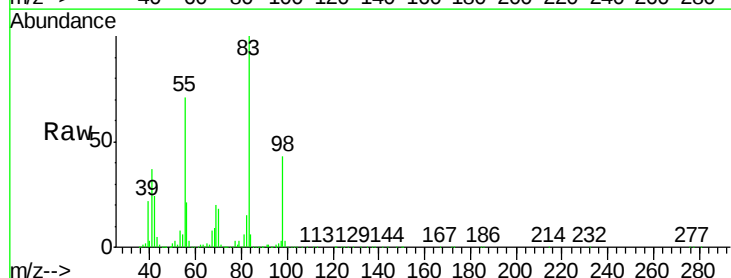
Tgt Ion: 83 Resp: 118120

Ion Ratio Lower Upper

83 100

55 71.1 36.0 108.0

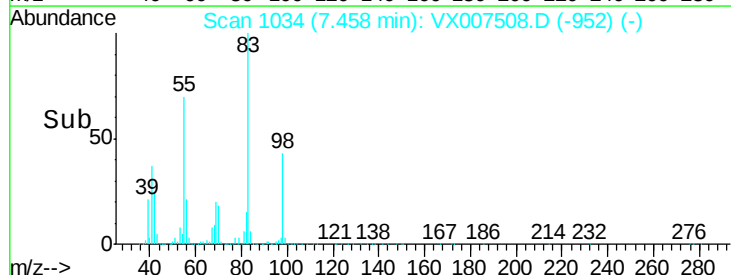
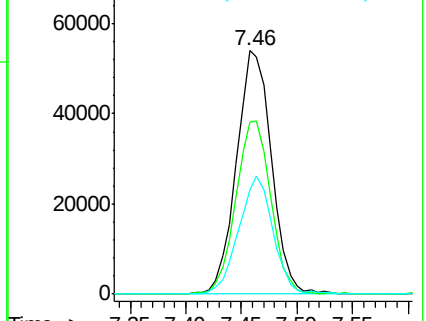
98 47.1 23.8 71.4

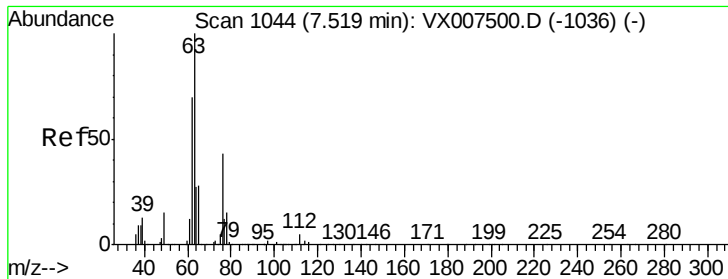


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





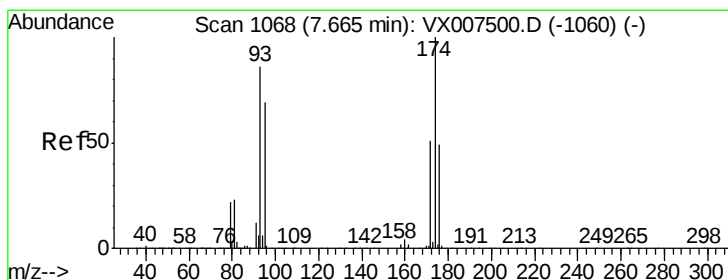
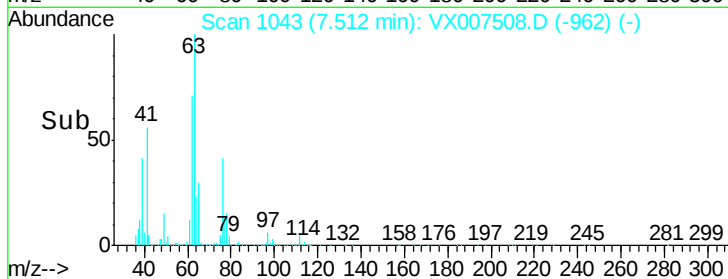
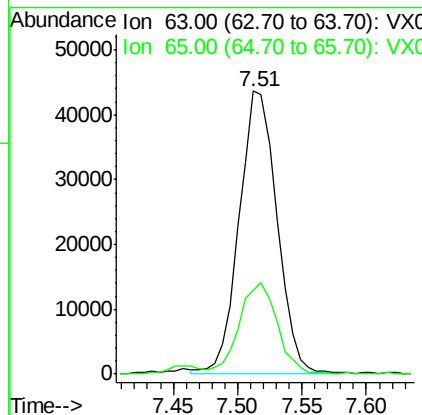
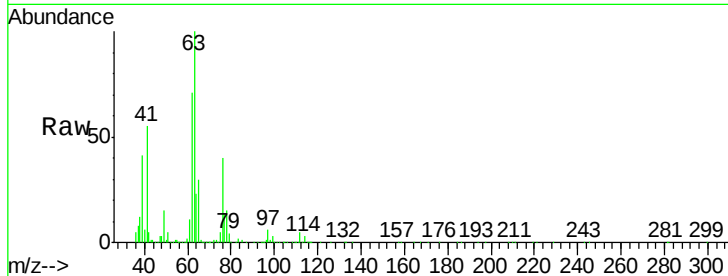
#39
 1,2-Dichloropropane
 Concen: 20.662 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	24.6	37.0

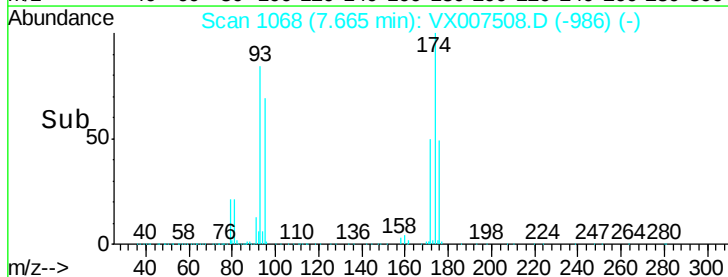
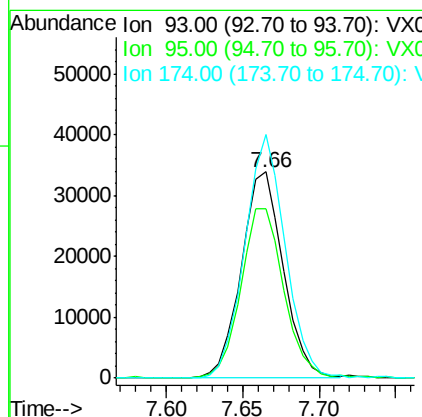
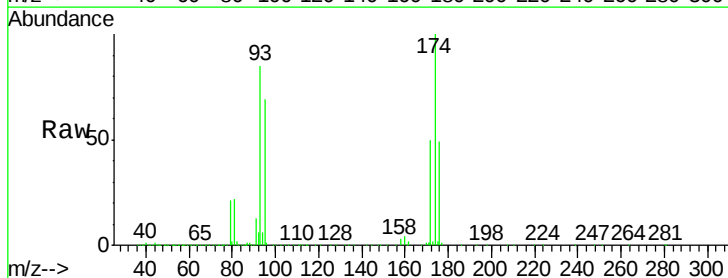
Manual Integrations
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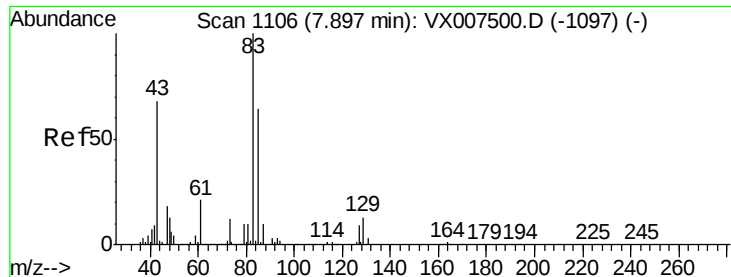
MMDadoda
 2/13/2019 11:53:09 AM



#40
 Dibromomethane
 Concen: 20.790 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	0.0	158.8
174	114.2	0.0	224.2





#41

Bromodichloromethane

Concen: 20.043 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

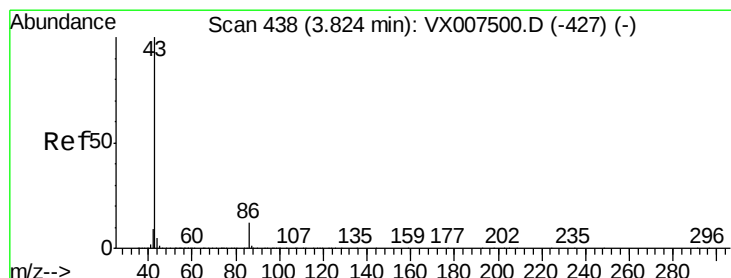
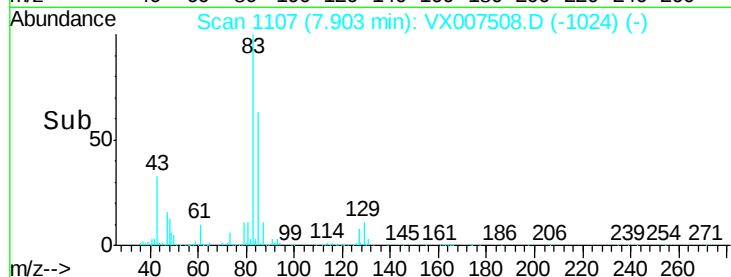
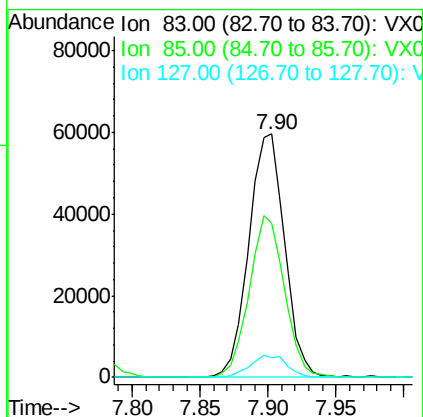
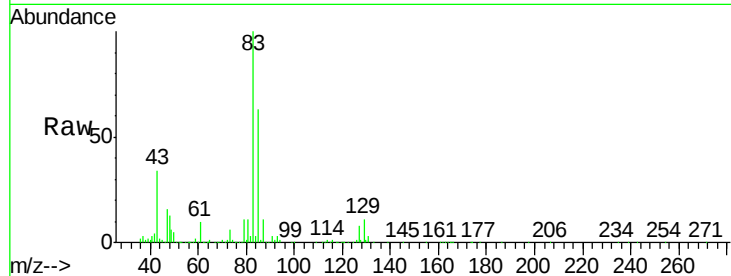
ClientSampleId :

VX0213WBS01

Tot Ion:	83	Resp:	110505
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.1	76.7
127	7.9	7.2	10.8

Manual Integrations
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MMDadoda
2/13/2019 11:53:09 AM



#42

Vinyl Acetate

Concen: 104.985 ug/l

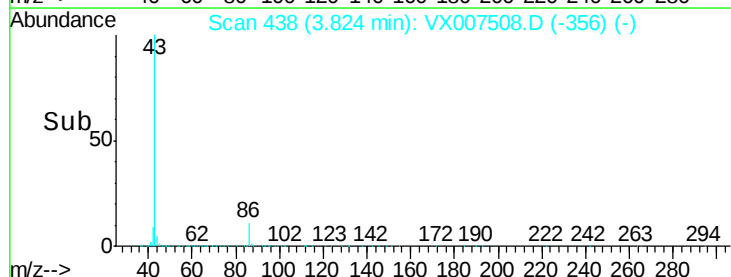
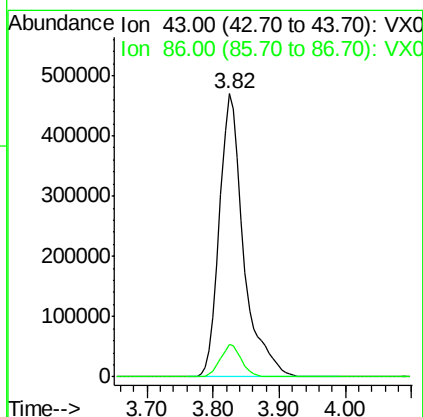
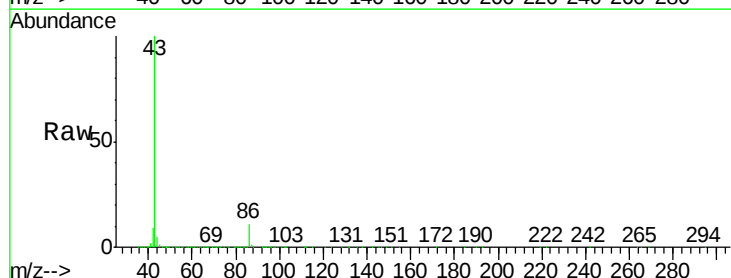
RT: 3.82 min Scan# 438

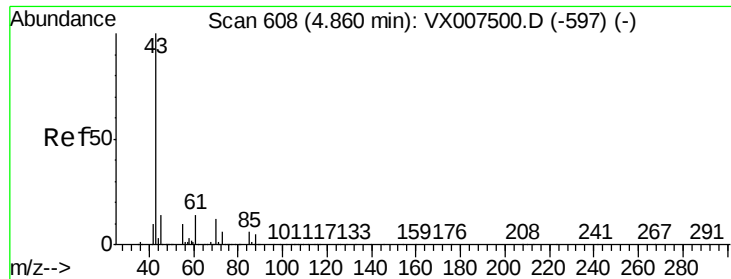
Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Tgt Ion:	43	Resp:	1193017
Ion Ratio	Lower	Upper	
43	100		
86	10.0	8.2	12.2





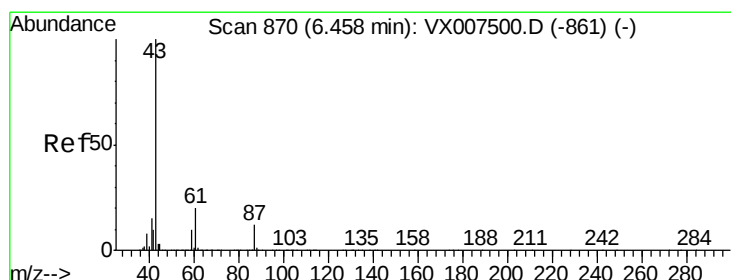
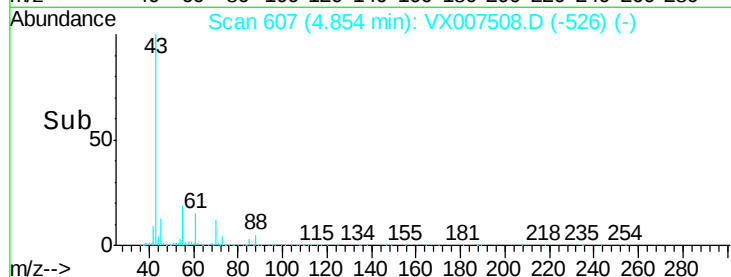
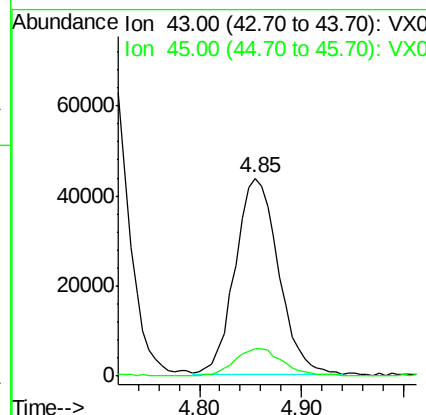
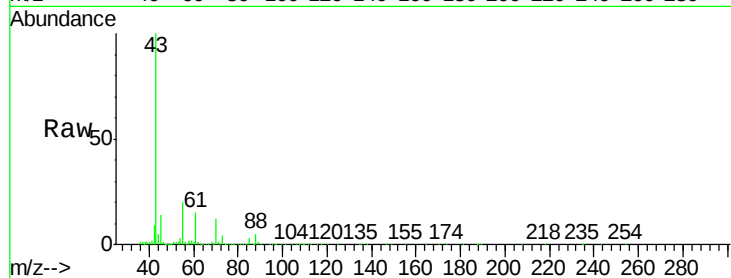
#43
Ethyl Acetate
Concen: 20.578 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.2	6.9	10.3#

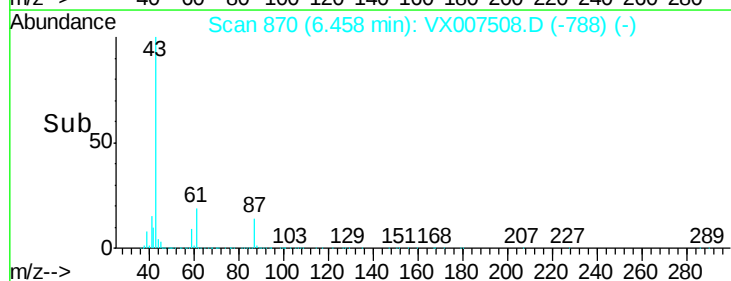
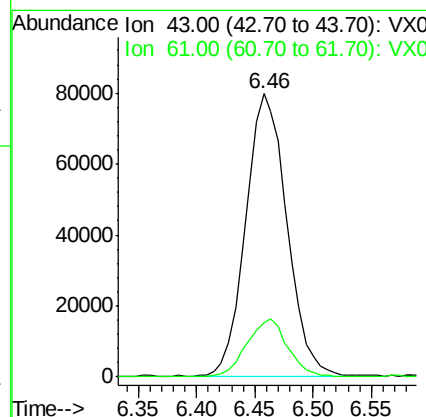
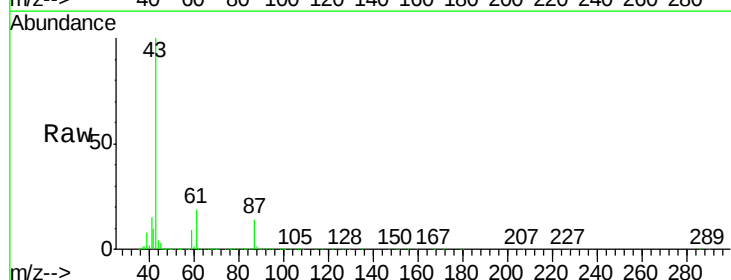
Manual Integrations
APPROVED

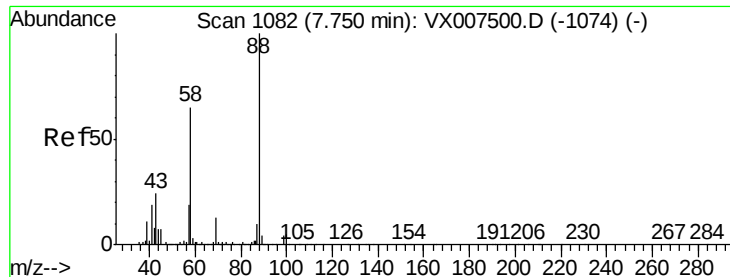
MMDadoda
2/13/2019 11:53:09 AM



#44
Isopropyl Acetate
Concen: 20.521 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.1	24.1





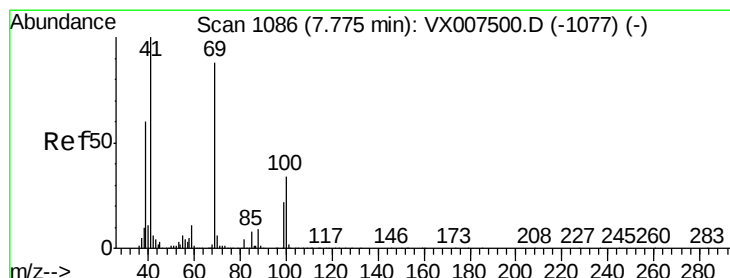
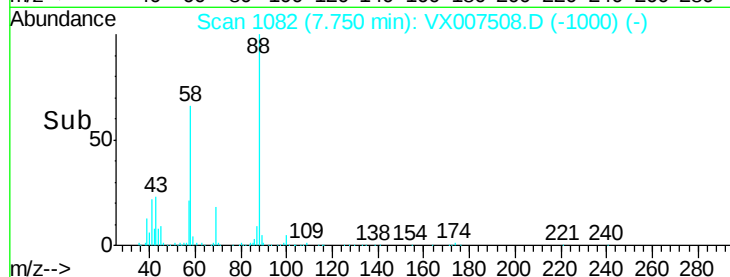
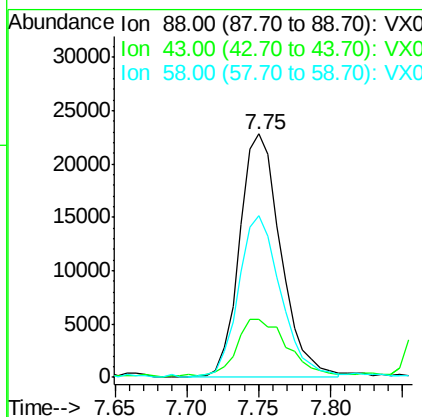
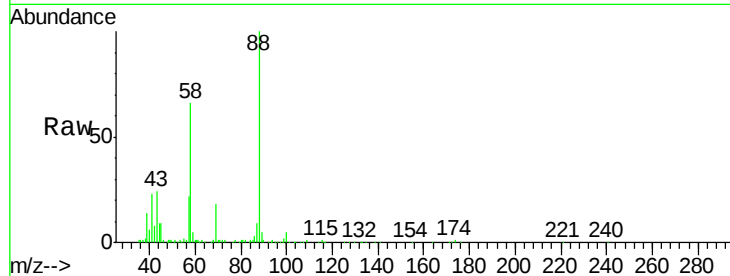
#45
1,4-Dioxane
Concen: 399.565 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.8	23.6	35.4
58	67.1	51.6	77.4

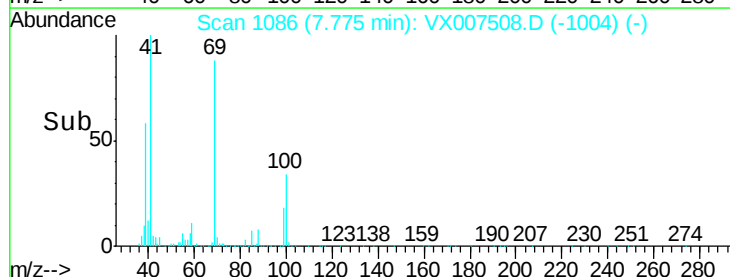
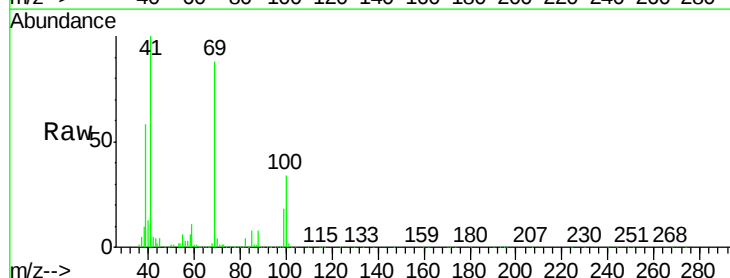
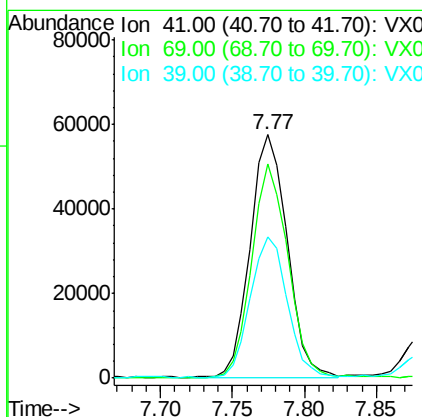
Manual Integrations
APPROVED

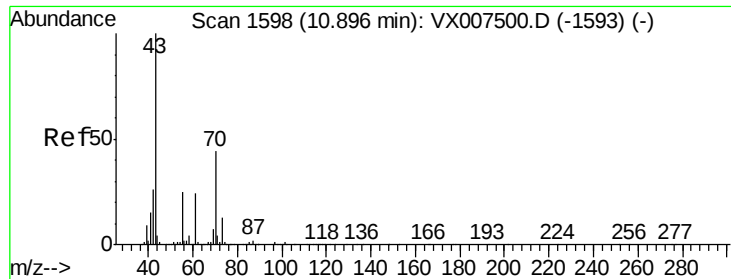
MMDadoda
2/13/2019 11:53:09 AM



#46
Methyl methacrylate
Concen: 20.985 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.7	44.2	132.6
39	57.9	29.9	89.8





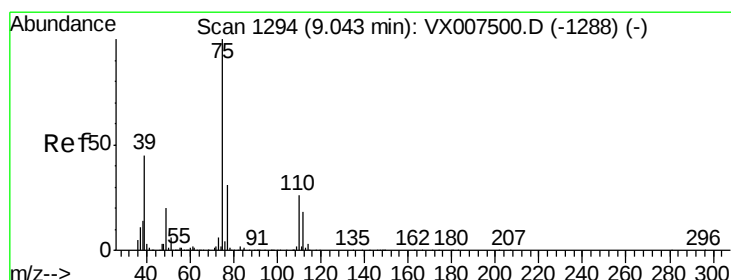
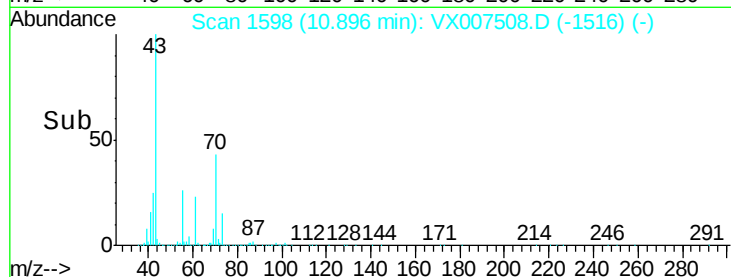
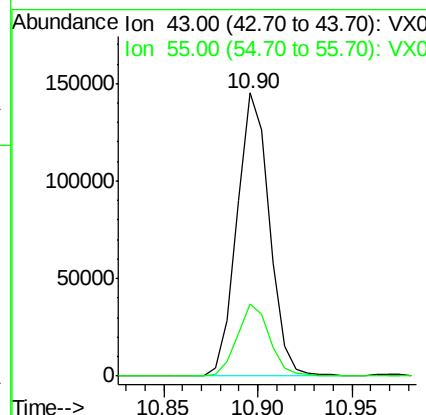
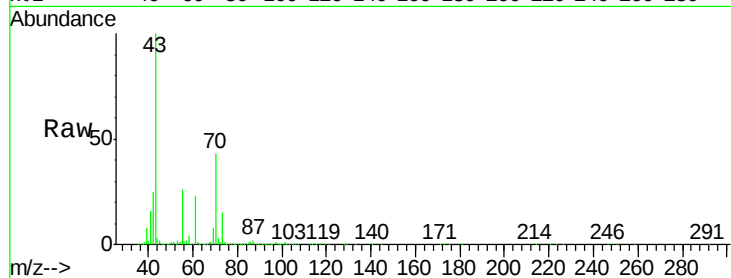
#47
n-amvl Acetate
Concen: 20.464 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
55	24.9	20.8	31.2

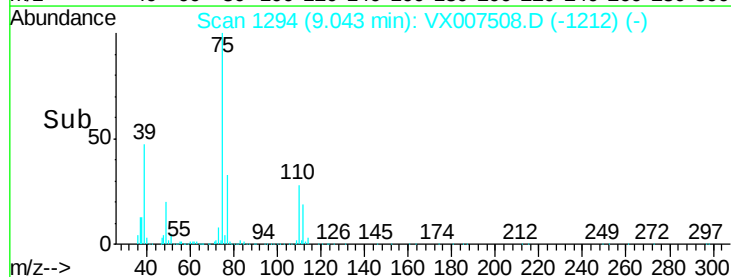
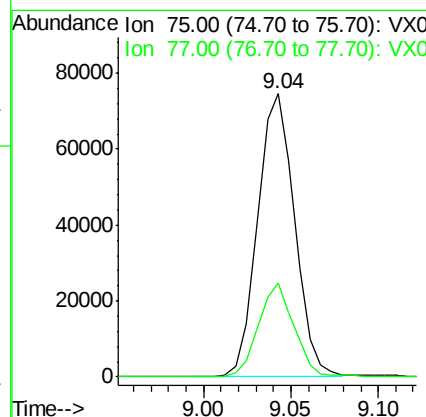
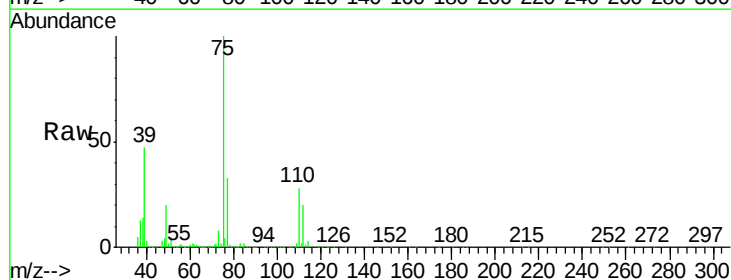
Manual Integrations
APPROVED

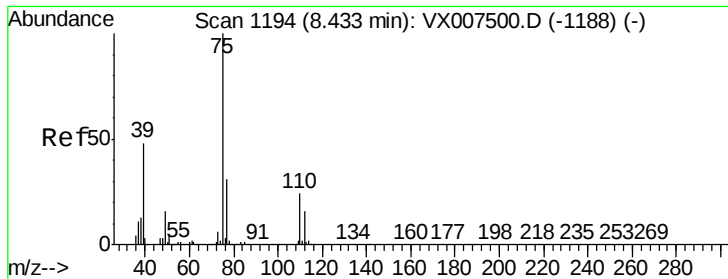
MMDadoda
2/13/2019 11:53:09 AM



#48
t-1,3-Dichloropropene
Concen: 19.221 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.5	36.7





#49

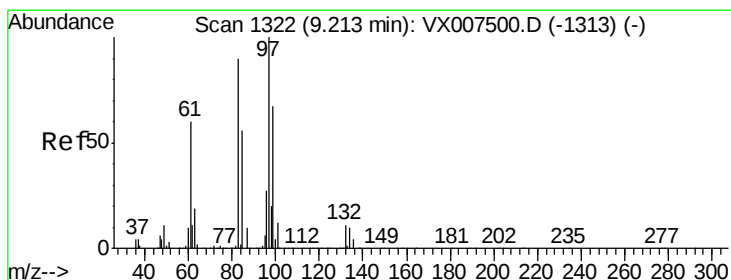
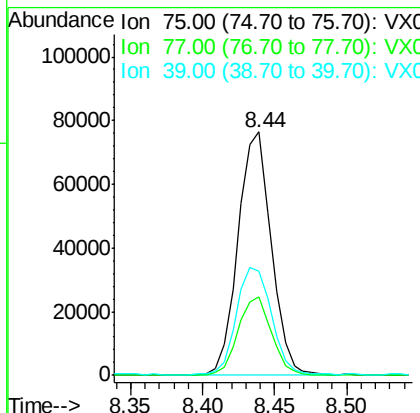
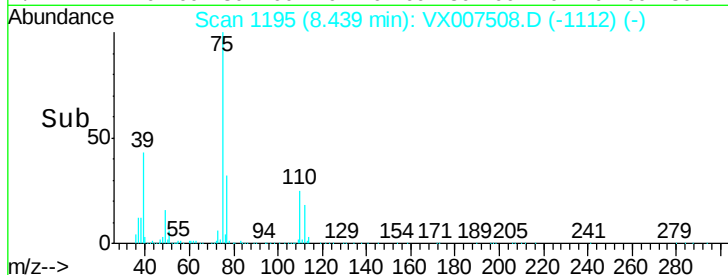
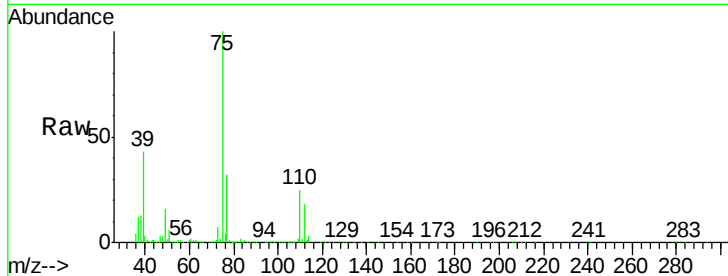
cis-1,3-Dichloropropene
Concen: 19.376 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.4
39	42.7	38.5	57.7

Manual Integrations
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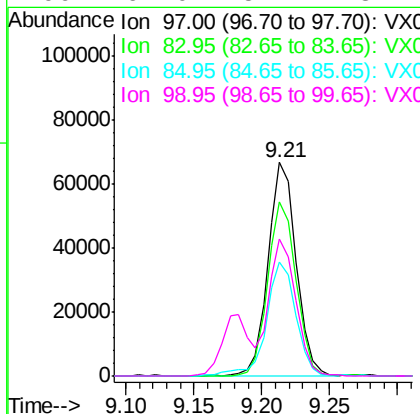
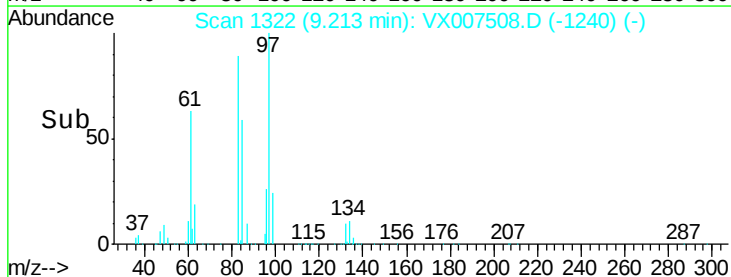
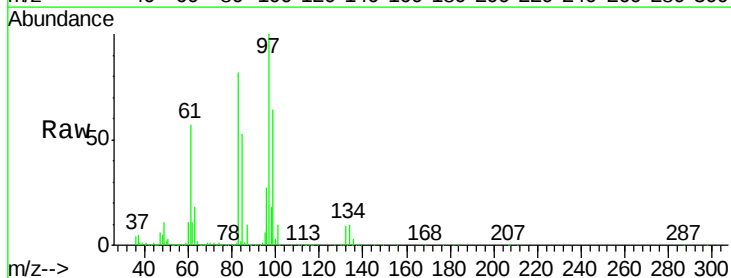
MMDadoda
2/13/2019 11:53:09 AM

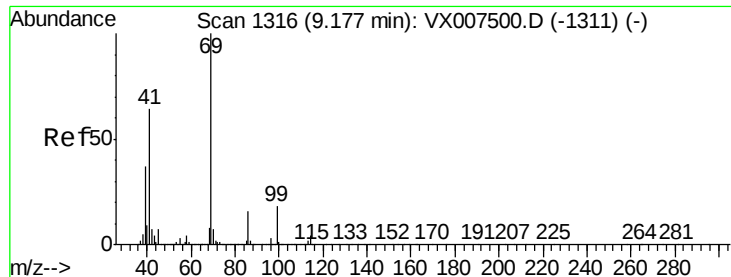


#50

1,1,2-Trichloroethane
Concen: 21.396 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.3	72.0	108.0
85	53.4	45.0	67.6
99	64.0	54.2	81.4





#51

Ethyl methacrylate

Concen: 20.713 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

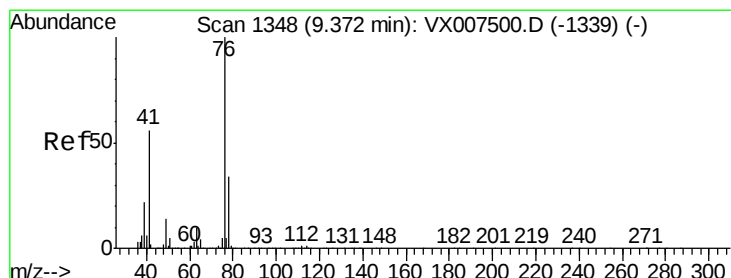
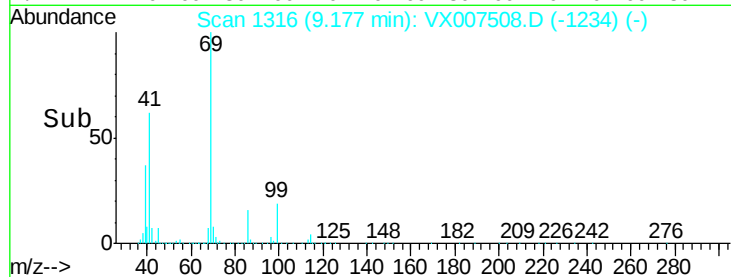
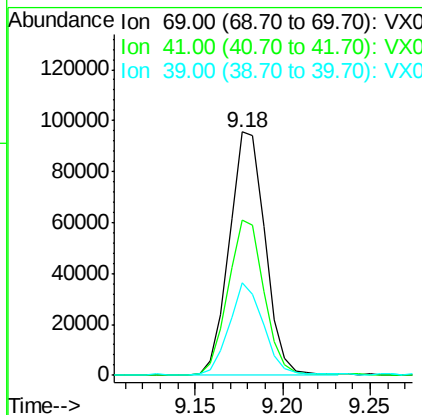
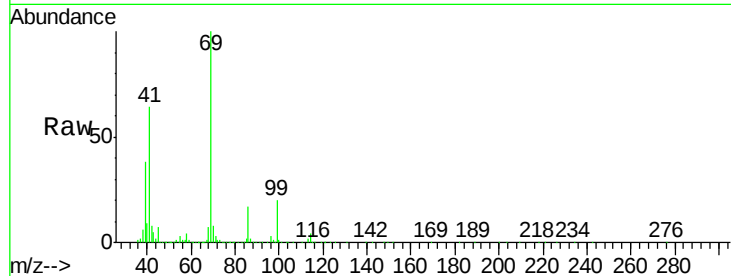
ClientSampleId :

VX0213WBS01

Tot Ion:	69	Resp:	136031
Ion	Ratio	Lower	Upper
69	100		
41	63.5	32.1	96.5
39	37.7	18.8	56.3

Manual Integrations
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2/13/2019 11:53:09 AM



#52

1,3-Dichloropropane

Concen: 21.126 ug/l

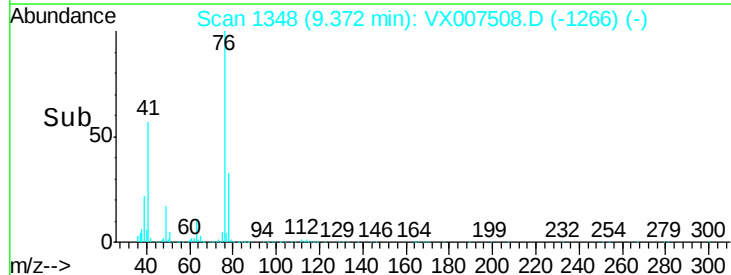
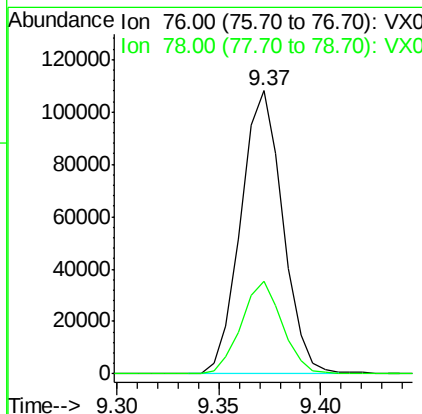
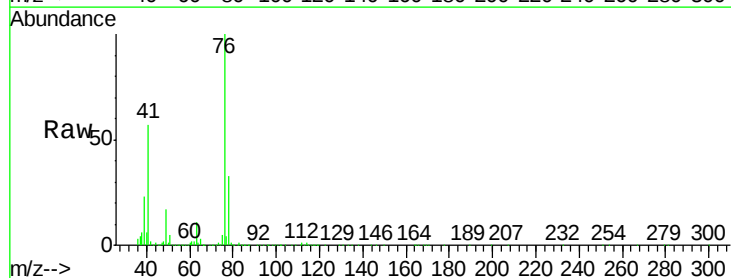
RT: 9.37 min Scan# 1348

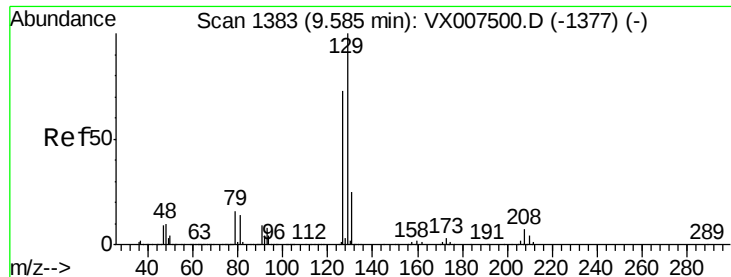
Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Tgt Ion:	76	Resp:	154365
Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	65.2





#53

Dibromochloromethane

Concen: 20.128 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion:129 Resp: 94836

Ion Ratio Lower Upper

129 100

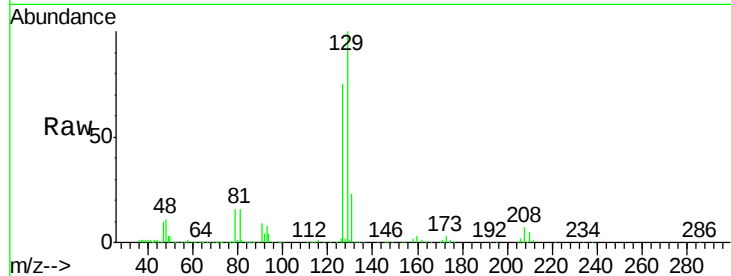
127 75.7 38.4 115.2

Manual Integrations

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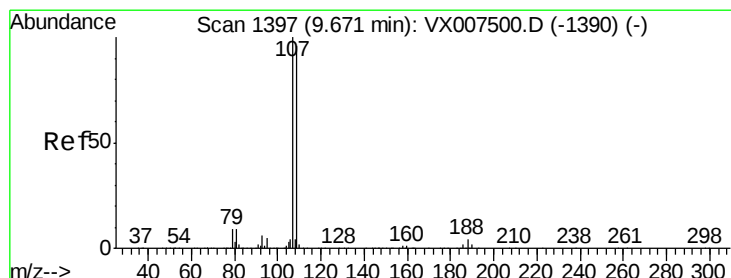
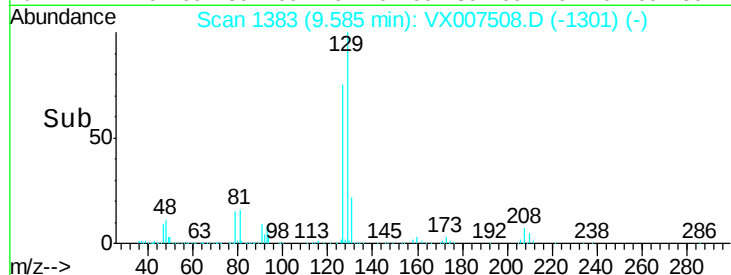
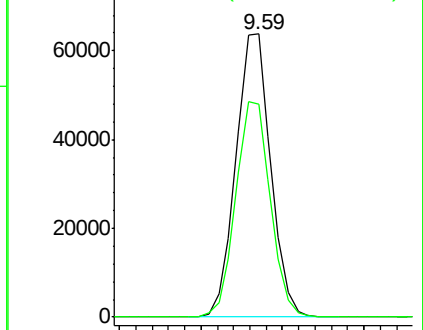
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.878 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007508.D

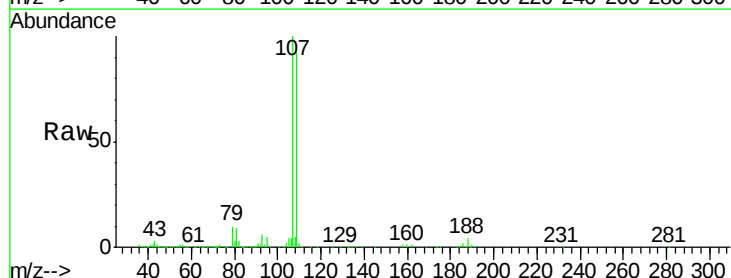
Acq: 13 Feb 2019 03:02

Tgt Ion:107 Resp: 103560

Ion Ratio Lower Upper

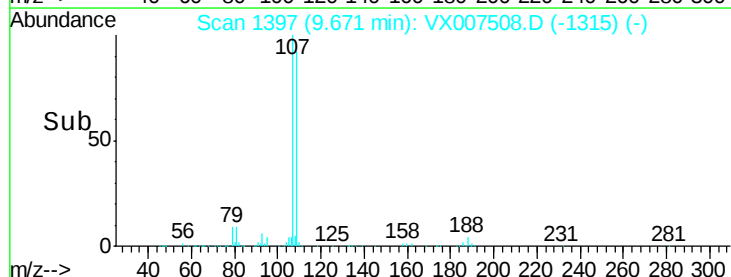
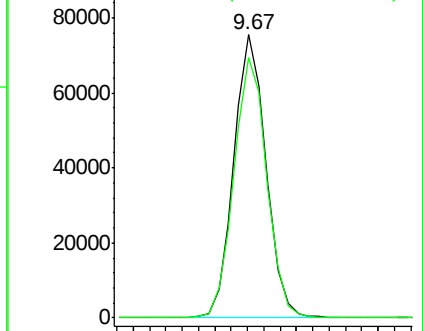
107 100

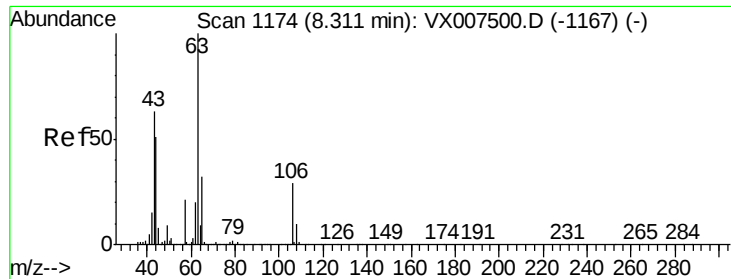
109 94.2 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 98.552 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion: 63 Resp: 329052

Ion Ratio Lower Upper

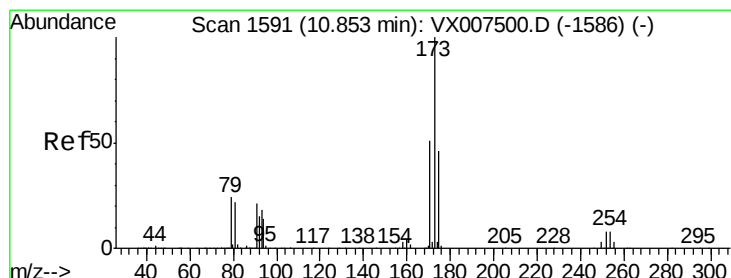
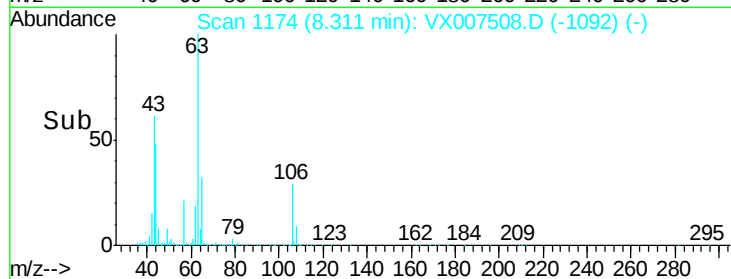
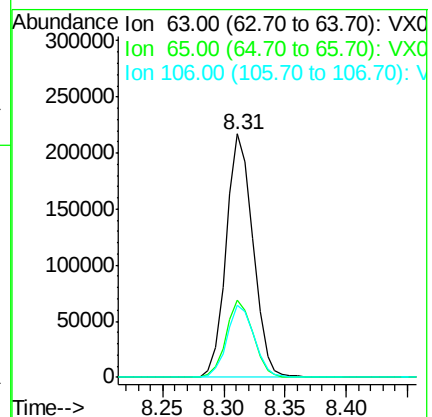
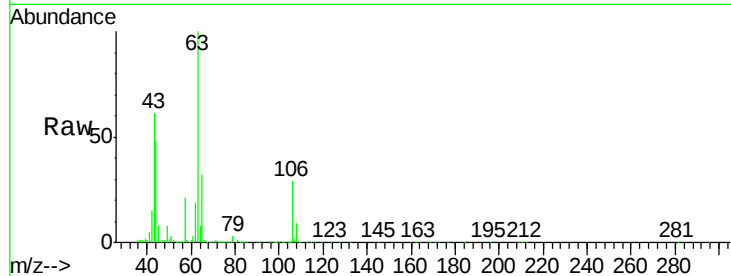
63 100

65 31.8 25.7 38.5

106 30.0 23.7 35.5

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#56

Bromoform

Concen: 19.342 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

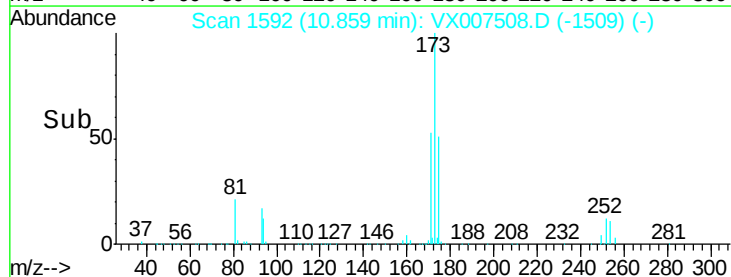
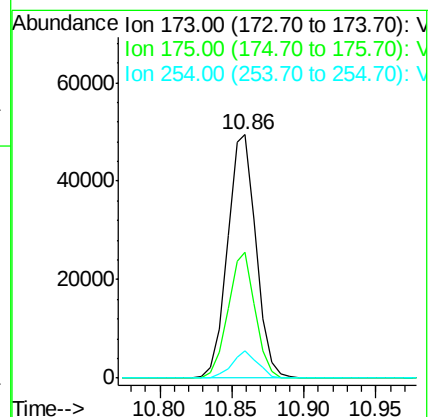
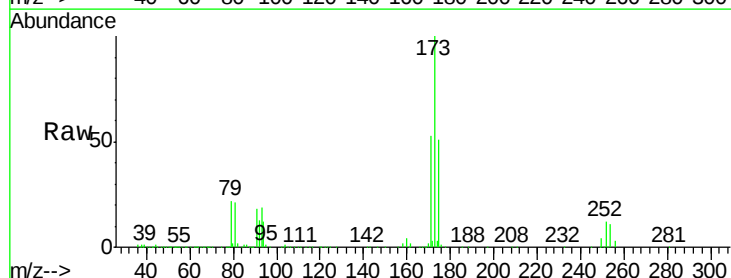
Tgt Ion: 173 Resp: 68739

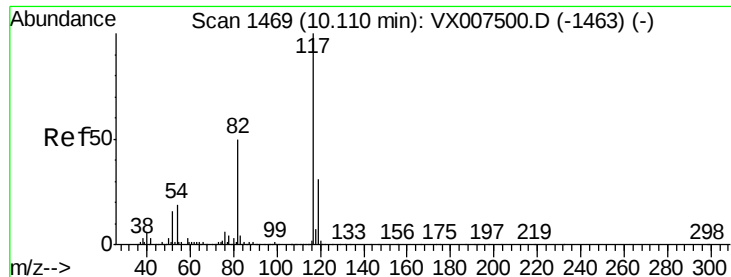
Ion Ratio Lower Upper

173 100

175 49.1 38.5 57.7

254 10.1 7.4 11.2





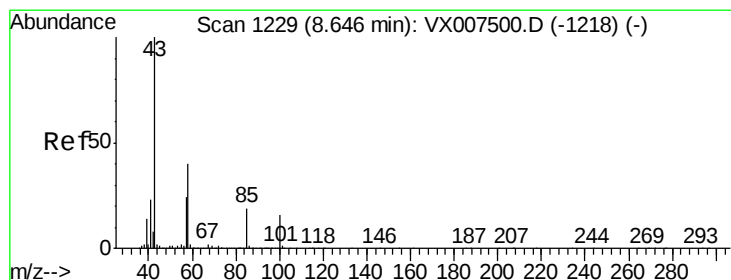
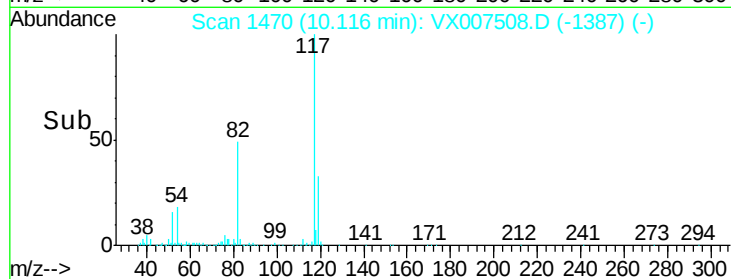
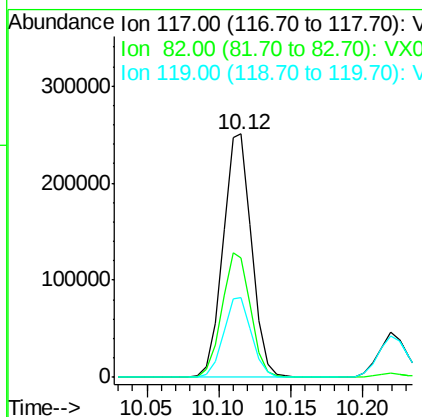
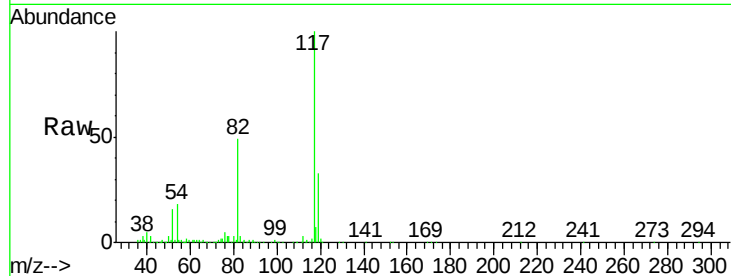
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	349349		
82	50.9		40.4	60.6
119	32.2		25.8	38.6

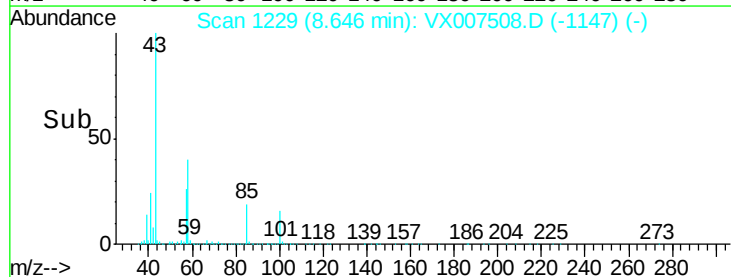
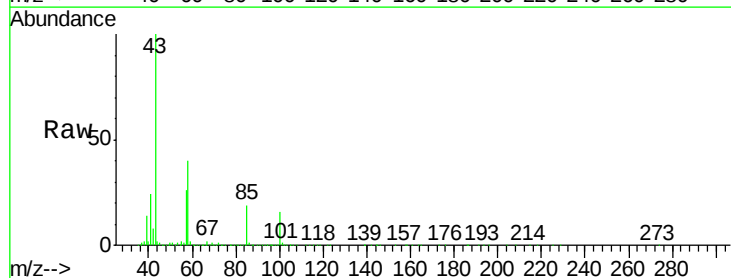
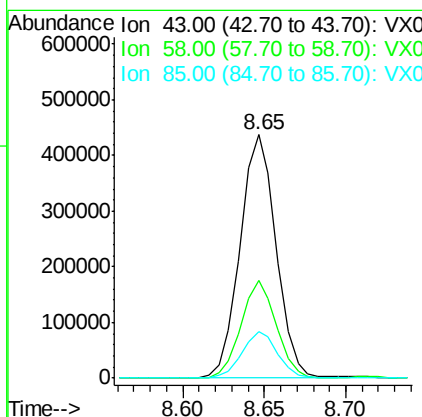
Manual Integrations
APPROVED

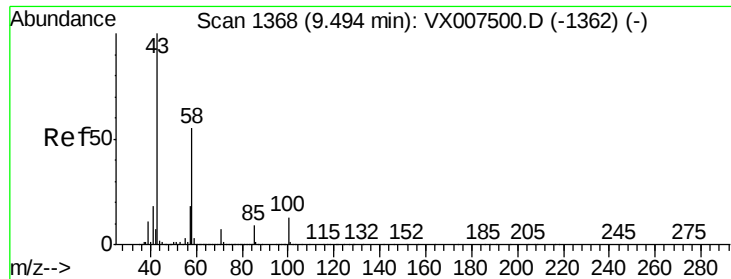
MMDadoda
2/13/2019 11:53:09 AM



#58
4-Methyl-2-Pentanone
Concen: 107.042 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	672630		
58	39.4		31.4	47.0
85	18.8		15.0	22.6





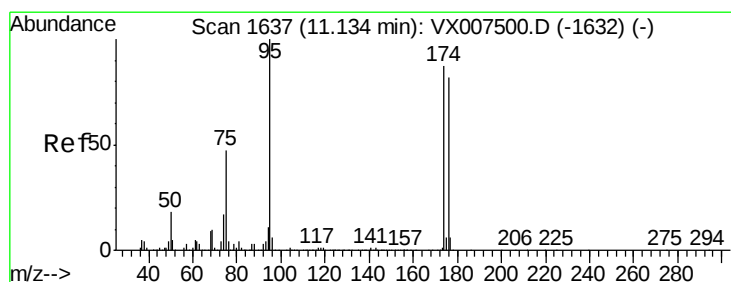
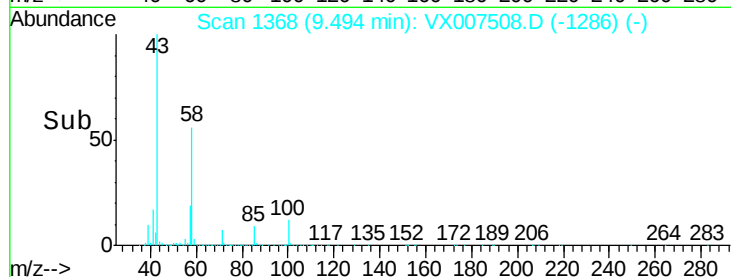
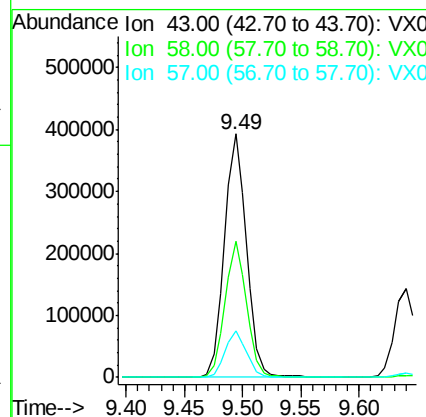
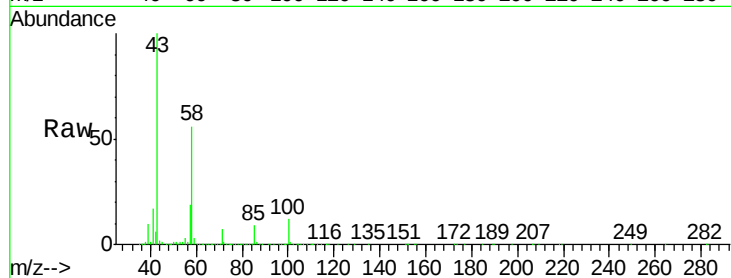
#59
2-Hexanone
Concen: 107.406 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.9	65.9
57	18.5	14.9	22.3

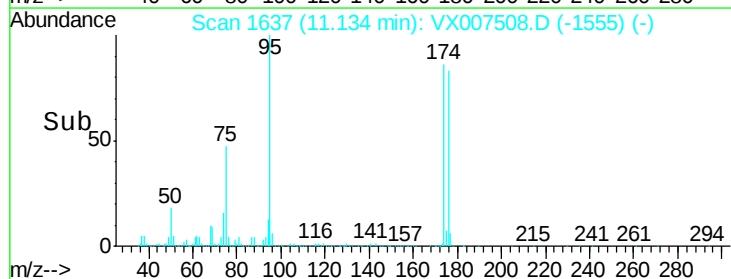
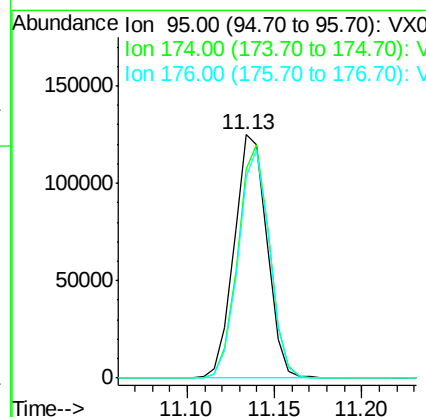
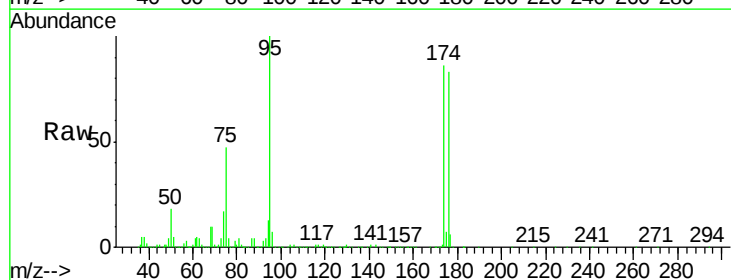
Manual Integrations
APPROVED

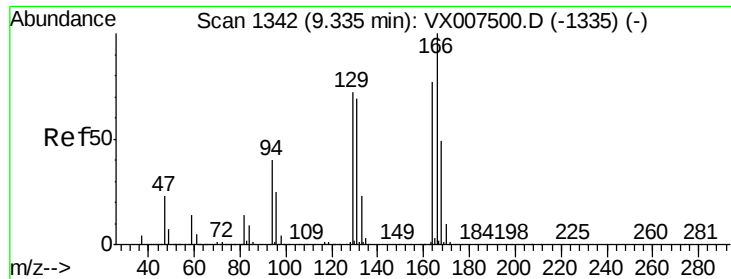
MMDadoda
2/13/2019 11:53:09 AM



#60
4-Bromofluorobenzene
Concen: 30.192 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.8	74.9	112.3
176	89.9	70.7	106.1





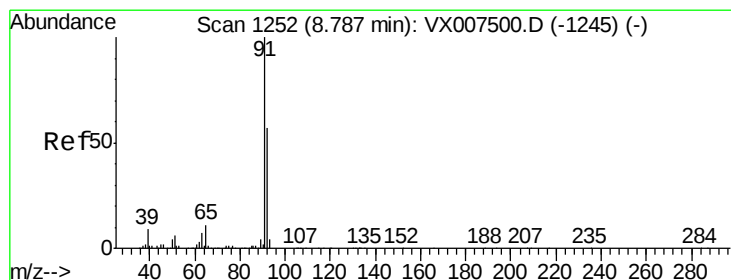
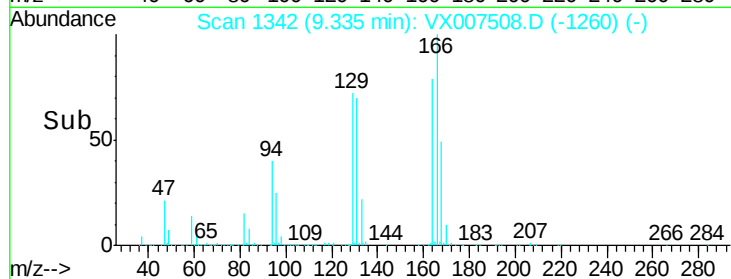
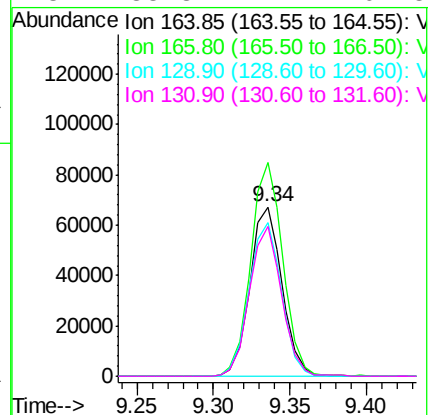
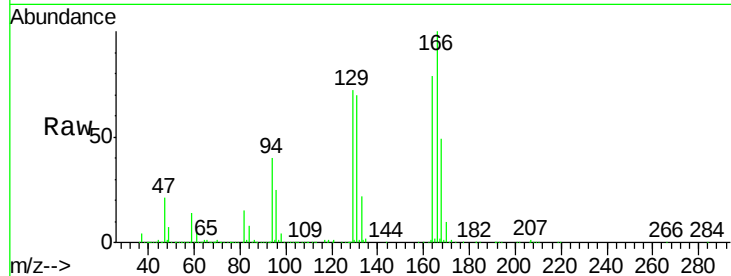
#61
Tetrachloroethene
Concen: 19.690 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.9	155.9
129	90.6	74.7	112.1
131	88.3	71.7	107.5

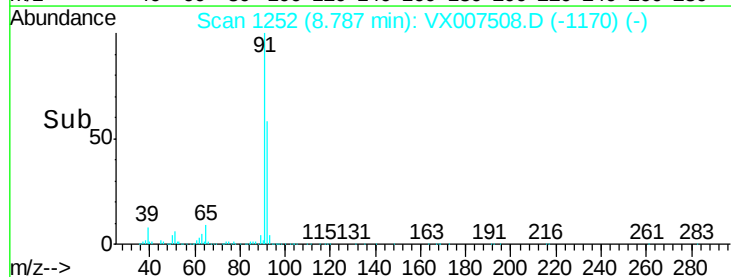
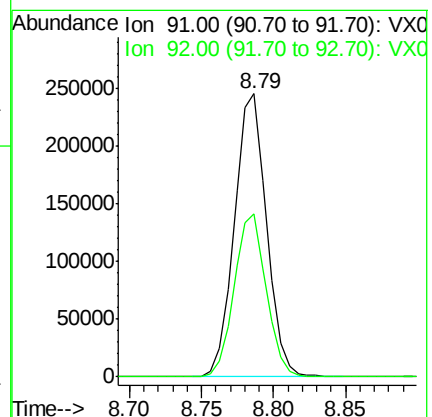
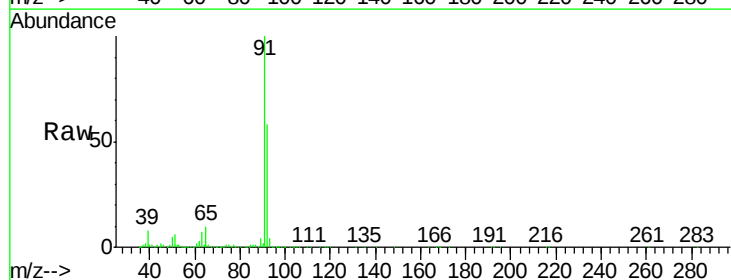
Manual Integrations
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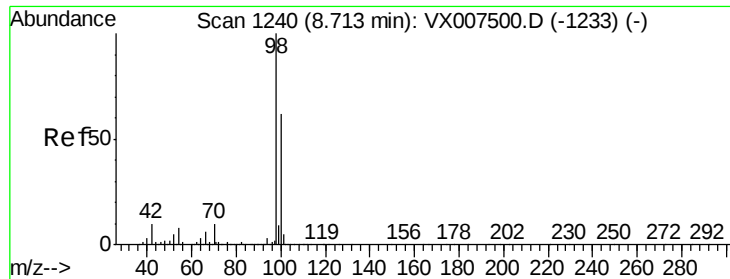
MMDadoda
2/13/2019 11:53:09 AM



#62
Toluene
Concen: 20.076 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.4	46.4	69.6





#63

Toluene-d8

Concen: 29.825 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion: 98 Resp: 470934

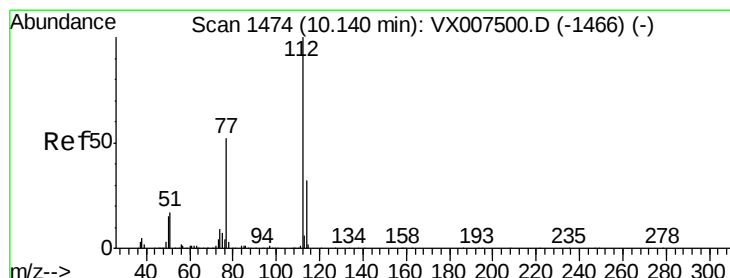
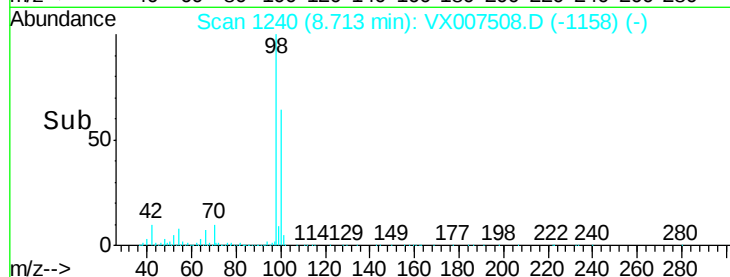
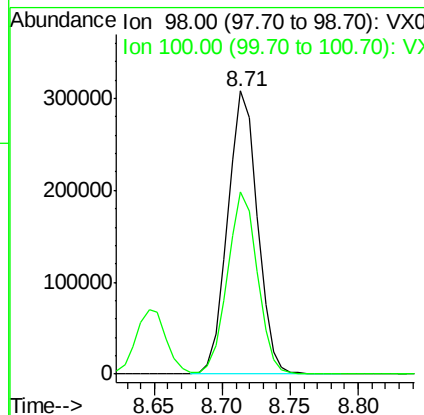
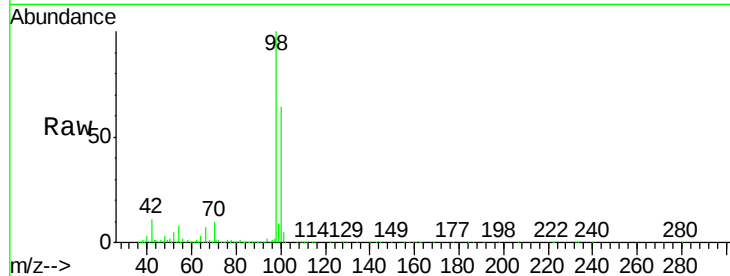
Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3

Manual Integrations
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#64

Chlorobenzene

Concen: 20.385 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007508.D

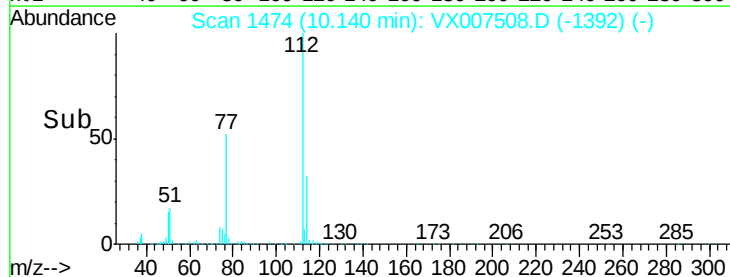
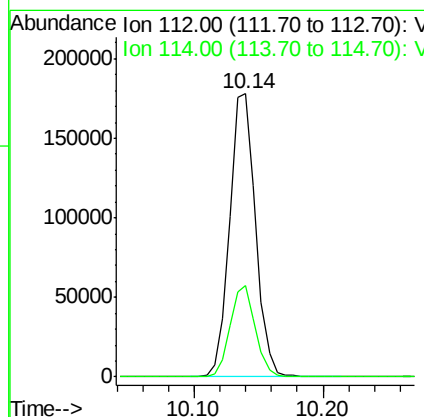
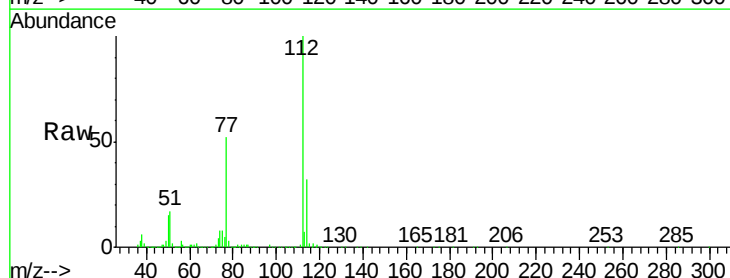
Acq: 13 Feb 2019 03:02

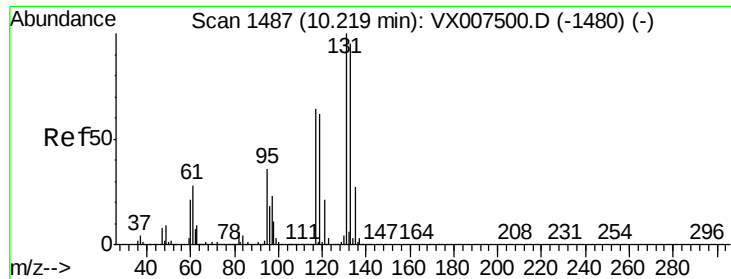
Tgt Ion: 112 Resp: 252040

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.921 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

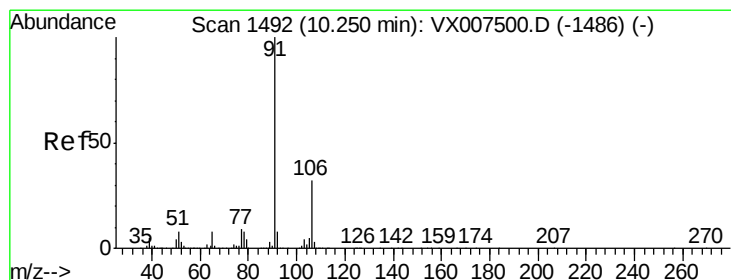
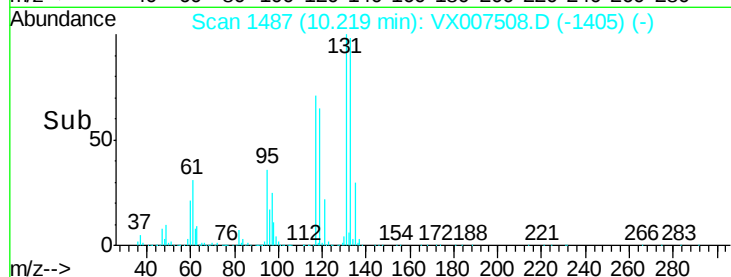
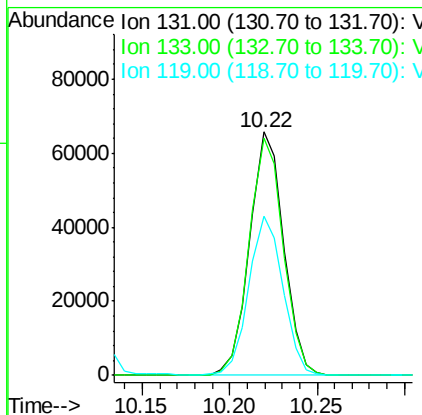
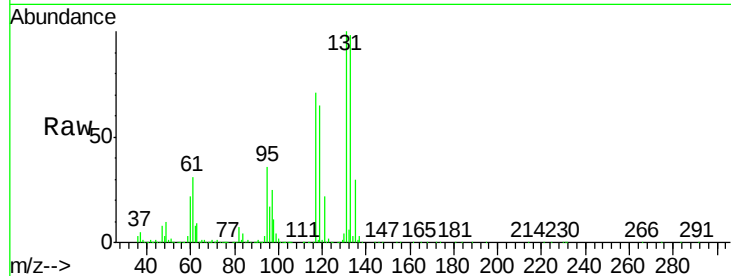
ClientSampleId :

VX0213WBS01

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.5	0.0	191.6
119	65.9	0.0	127.4

Manual Integrations
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2/13/2019 11:53:09 AM



#66

Ethyl Benzene

Concen: 19.425 ug/l

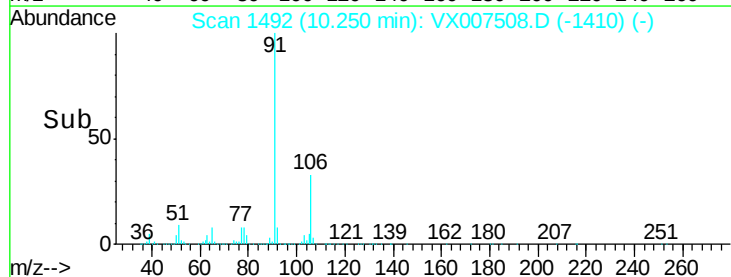
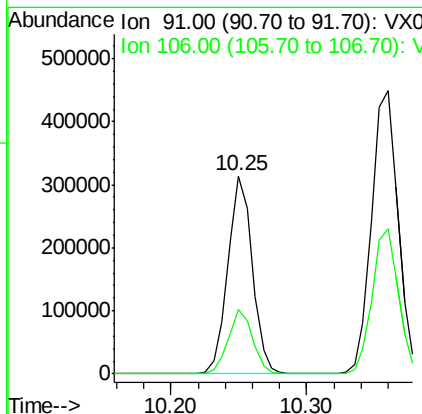
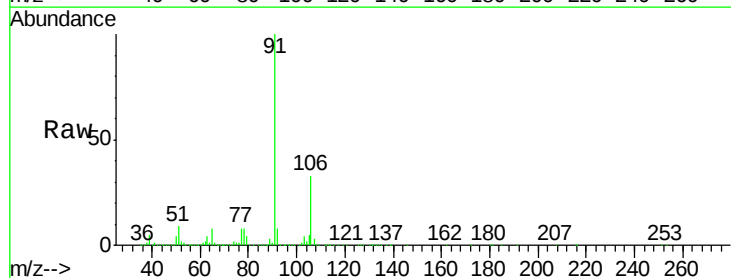
RT: 10.25 min Scan# 1492

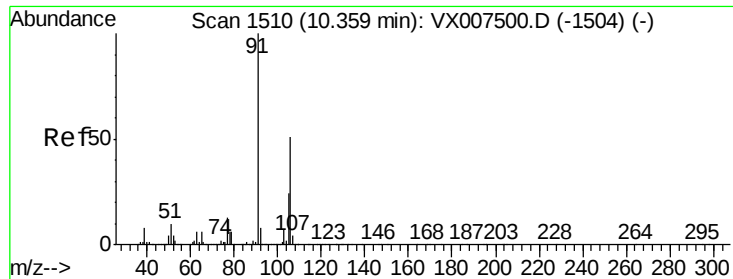
Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.0	39.0





#67

m/p-Xylenes

Concen: 38.986 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion:106 Resp: 308731

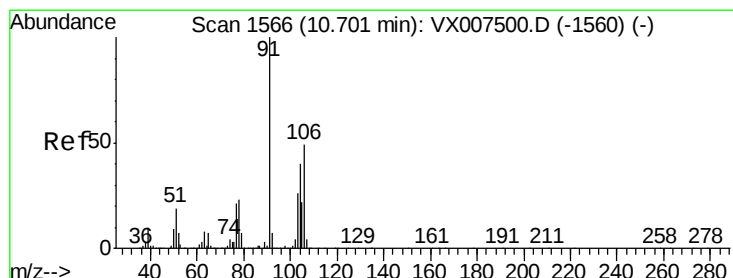
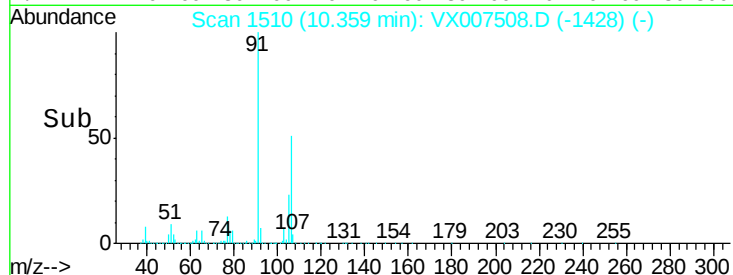
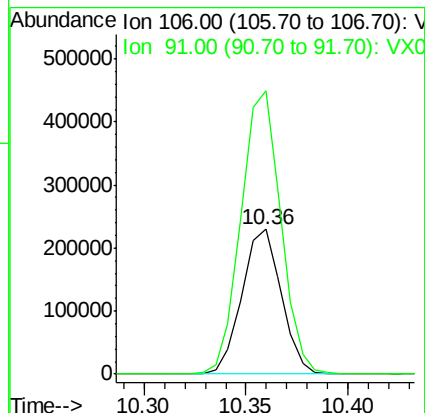
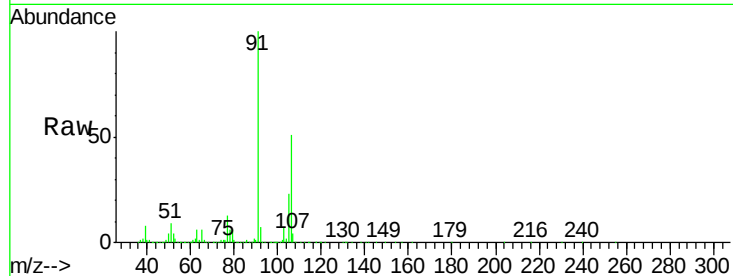
Ion Ratio Lower Upper

106 100

91 197.3 157.0 235.4

Manual Integrations
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2/13/2019 11:53:09 AM



#68

o-Xylene

Concen: 19.733 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX007508.D

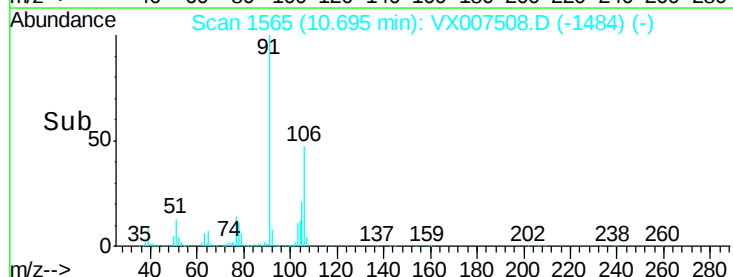
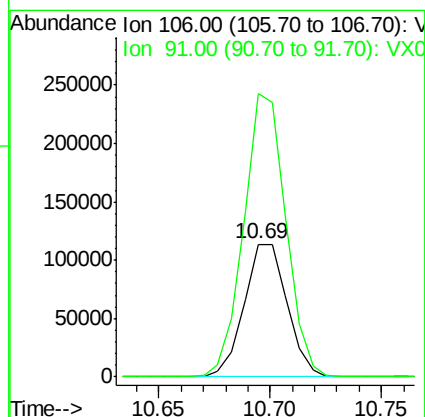
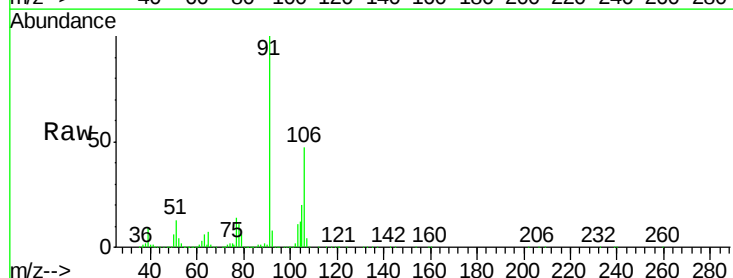
Acq: 13 Feb 2019 03:02

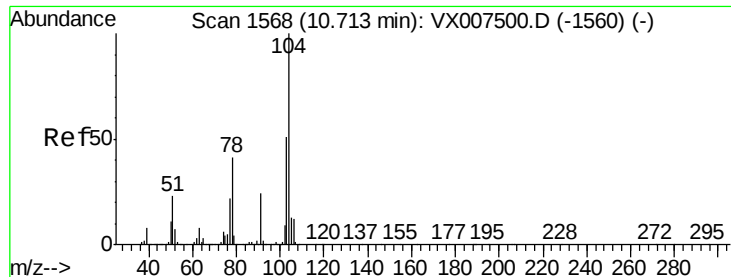
Tgt Ion:106 Resp: 152405

Ion Ratio Lower Upper

106 100

91 210.2 104.4 313.2





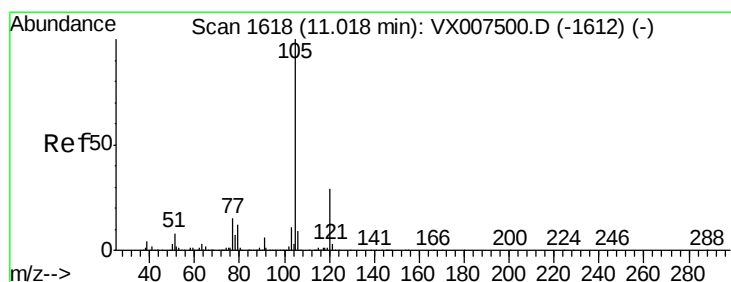
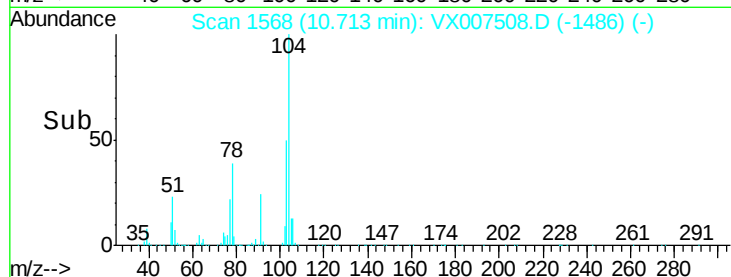
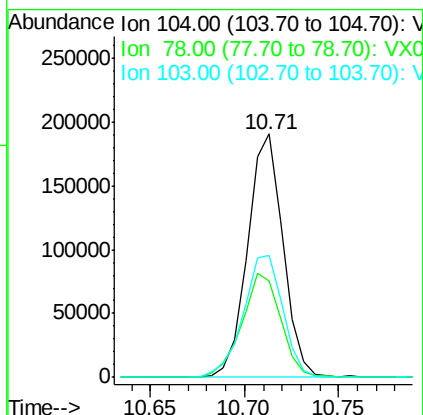
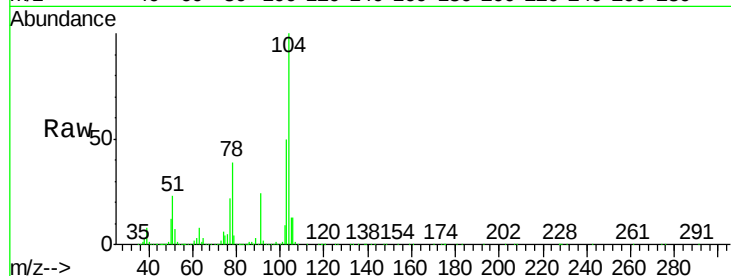
#69
Stvrene
Concen: 19.881 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.2	38.2	57.2
103	56.3	45.0	67.4

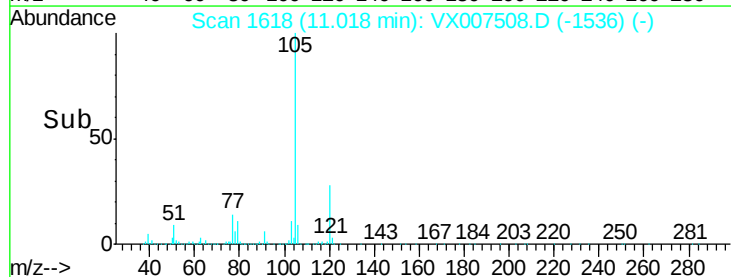
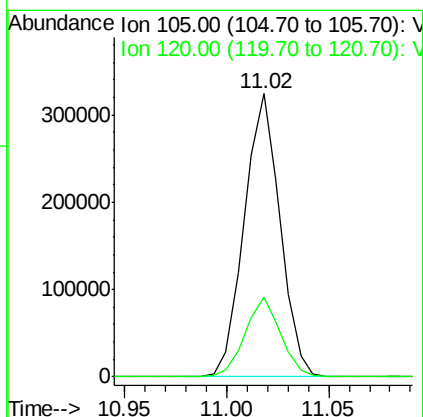
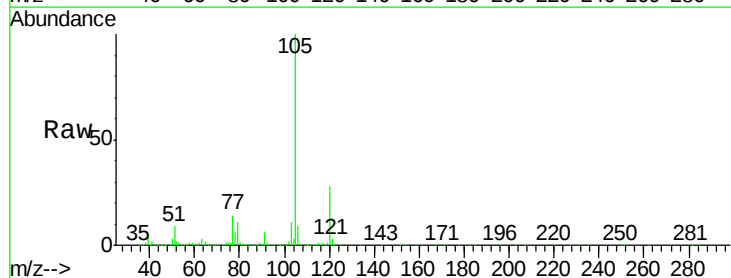
Manual Integrations
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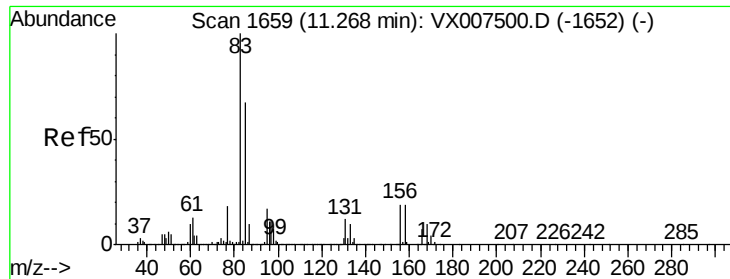
MMDadoda
2/13/2019 11:53:09 AM



#70
Isopropylbenzene
Concen: 19.407 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	19.8	36.8





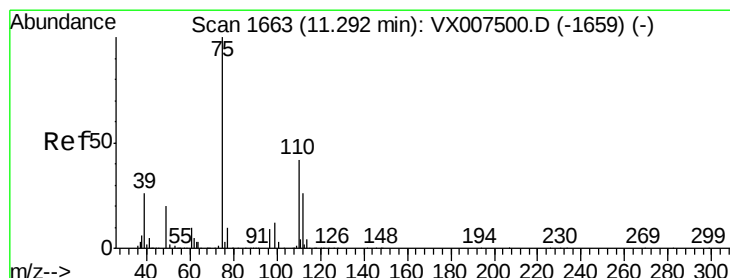
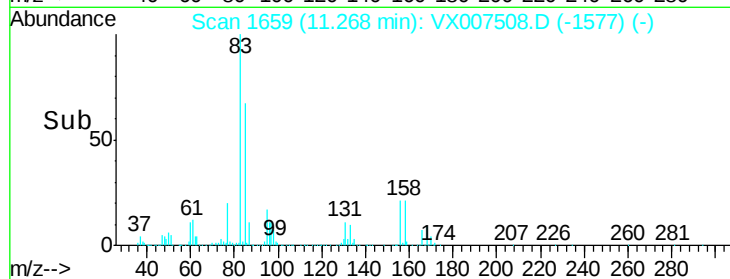
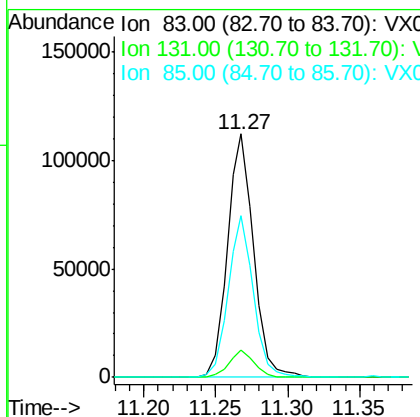
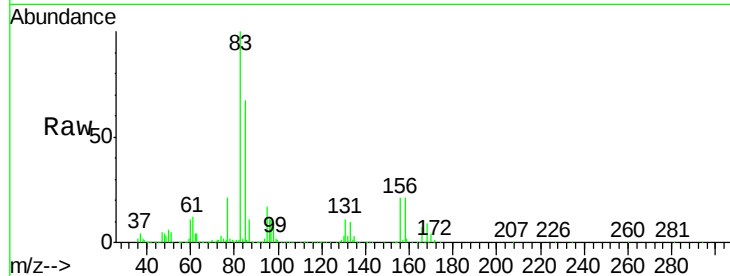
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.266 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	64.5	32.8	98.4

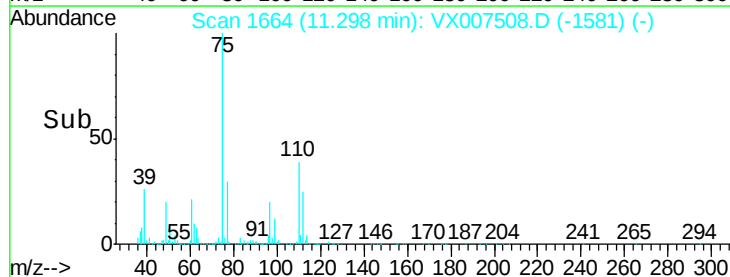
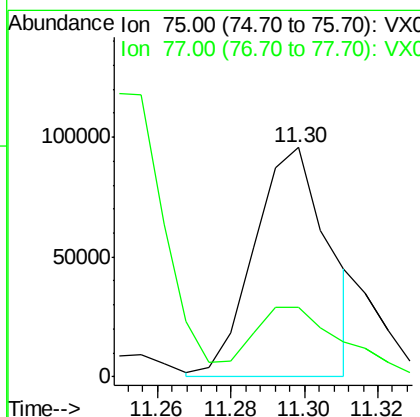
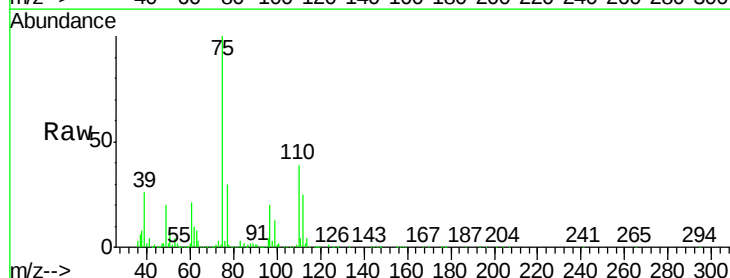
Manual Integrations
 APPROVED

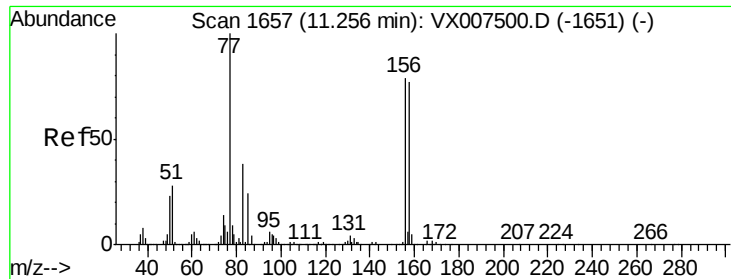
MMDadoda
 2/13/2019 11:53:09 AM



#72
 1,2,3-Trichloropropane
 Concen: 21.740 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.6	0.0	76.4





#73

Bromobenzene

Concen: 20.354 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

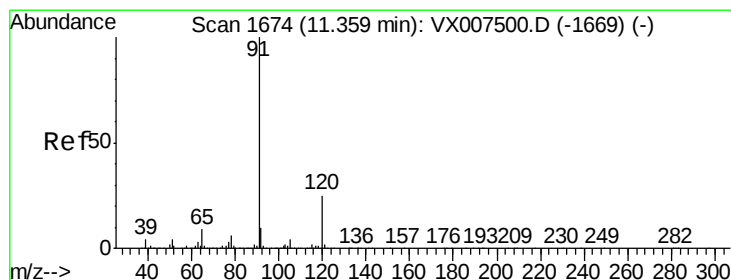
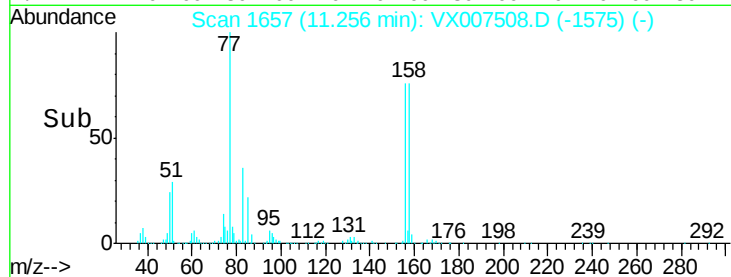
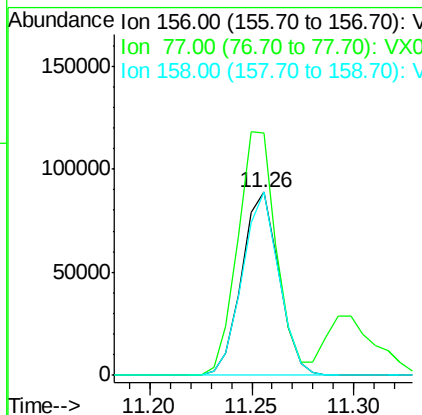
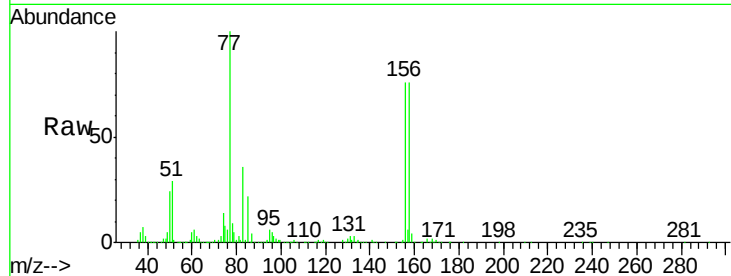
ClientSampleId :

VX0213WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	137.0	0.0	271.4		
158	98.1	0.0	194.0		

Manual Integrations
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MMDadoda
2/13/2019 11:53:09 AM



#74

n-propylbenzene

Concen: 19.083 ug/l

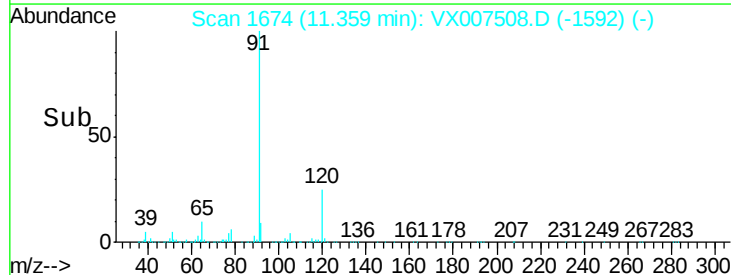
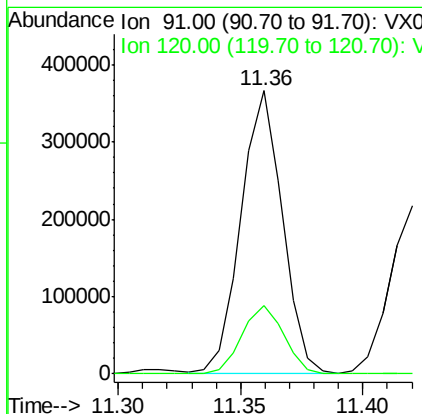
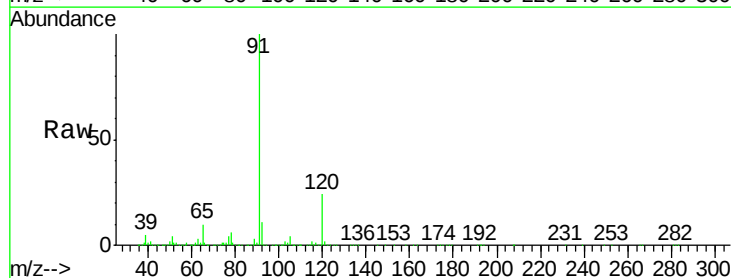
RT: 11.36 min Scan# 1674

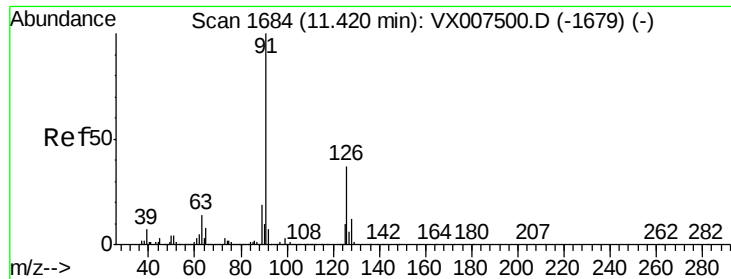
Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	24.6	0.0	48.6		





#75

2-Chlorotoluene

Concen: 19.605 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

Tot Ion: 91 Resp: 265207

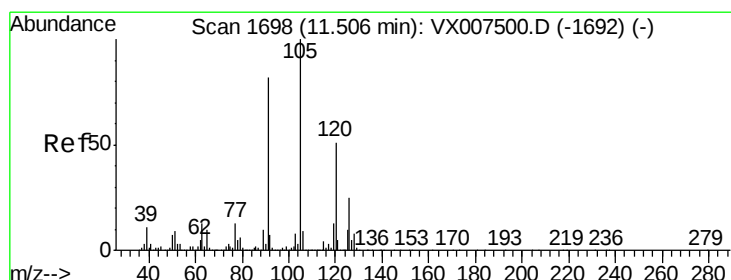
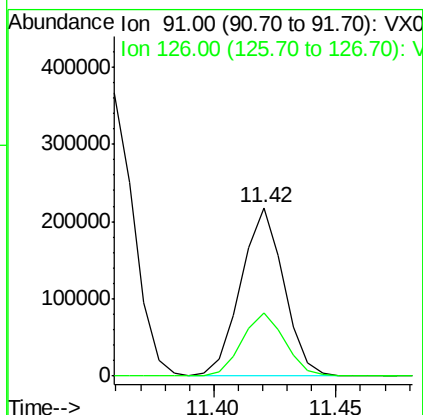
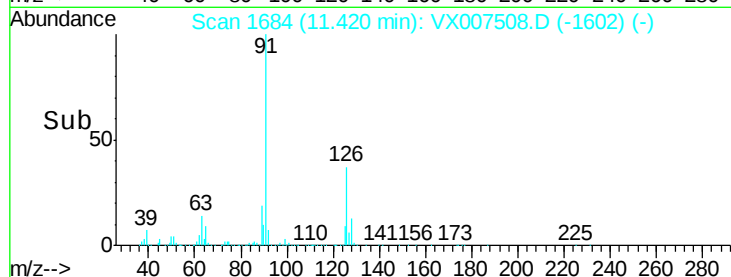
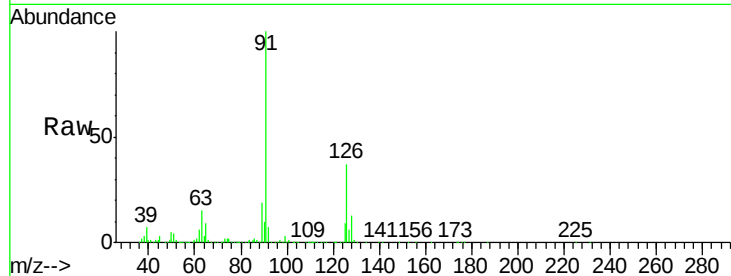
Ion Ratio Lower Upper

91 100

126 38.1 0.0 75.2

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#76

1,3,5-Trimethylbenzene

Concen: 19.507 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007508.D

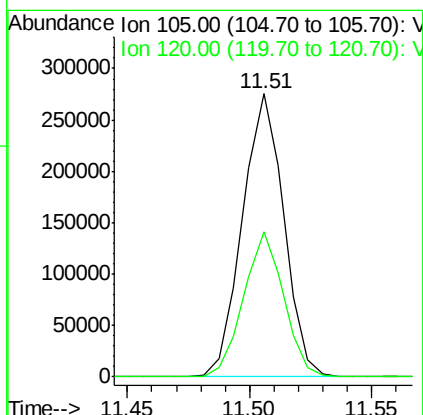
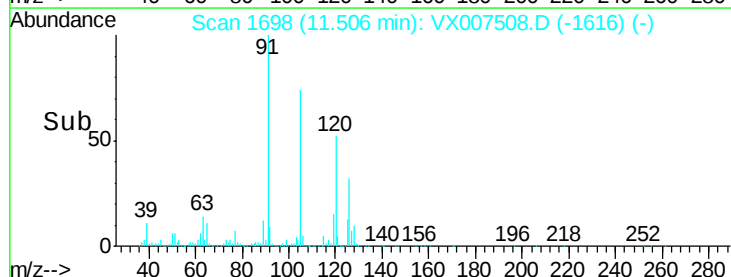
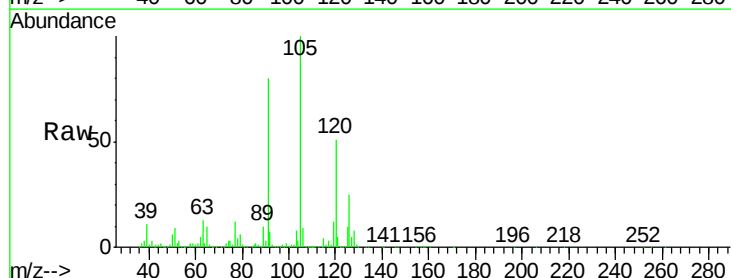
Acq: 13 Feb 2019 03:02

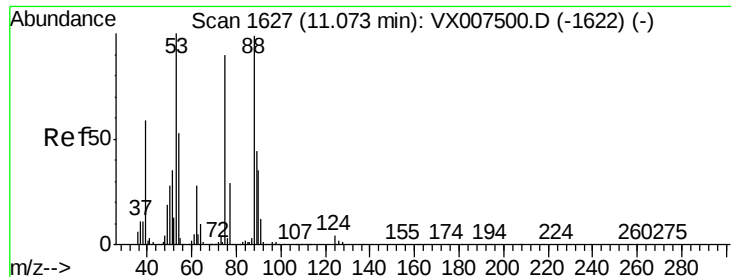
Tgt Ion: 105 Resp: 324459

Ion Ratio Lower Upper

105 100

120 49.7 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.522 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

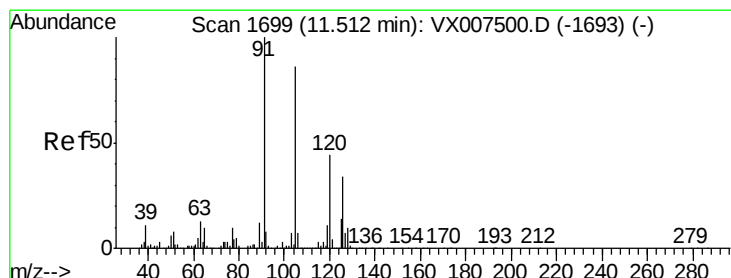
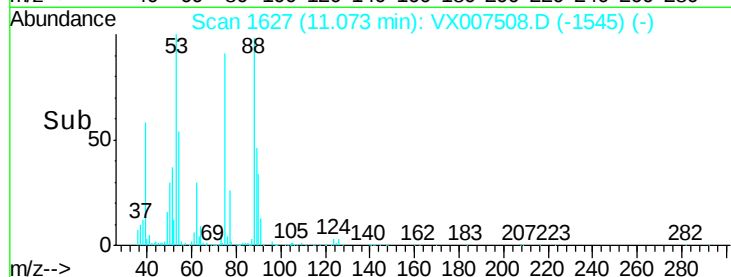
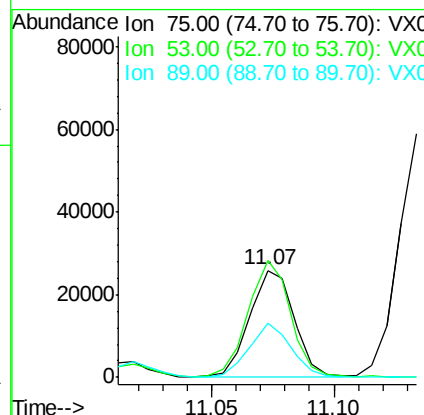
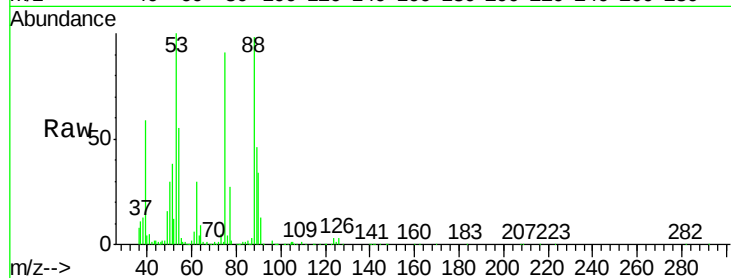
ClientSampleId :

VX0213WBS01

Tot Ion:	75	Resp:	32927
Ion	Ratio	Lower	Upper
75	100		
53	109.1	55.5	166.7
89	50.3	24.4	73.2

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#78

4-Chlorotoluene

Concen: 19.338 ug/l

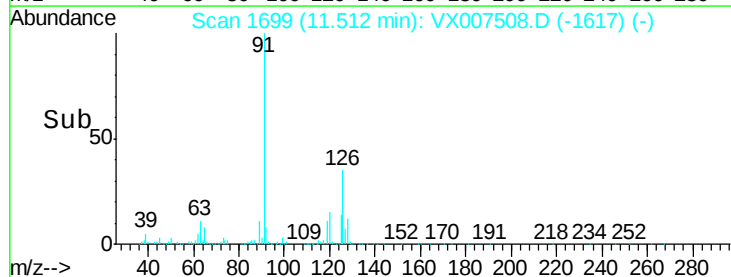
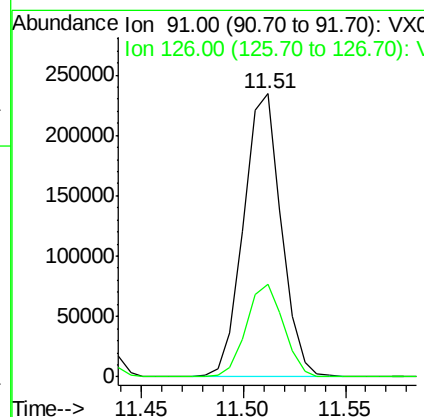
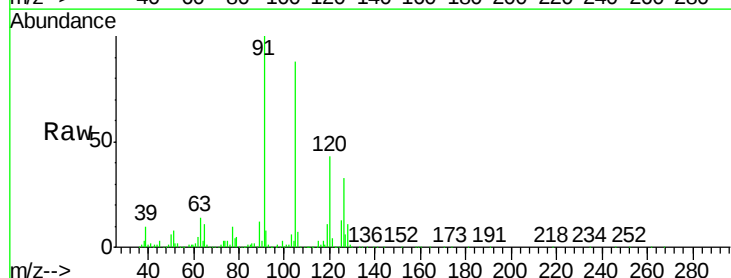
RT: 11.51 min Scan# 1699

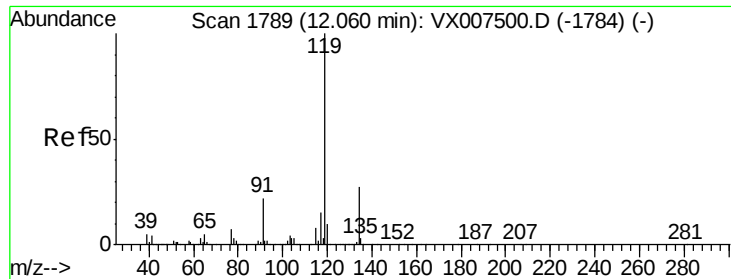
Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Tgt Ion:	91	Resp:	298599
Ion	Ratio	Lower	Upper
91	100		
126	32.7	0.0	66.2





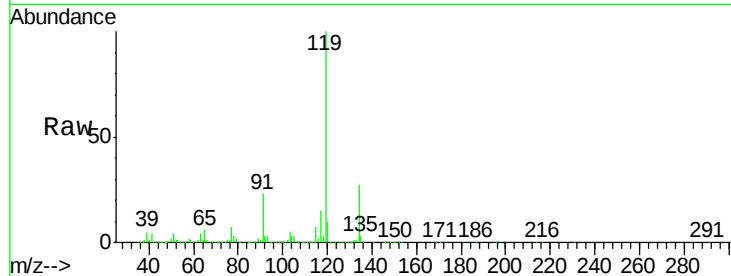
#79
tert-butylbenzene
Concen: 18.980 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

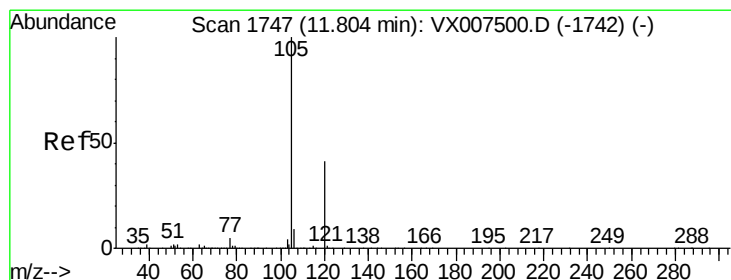
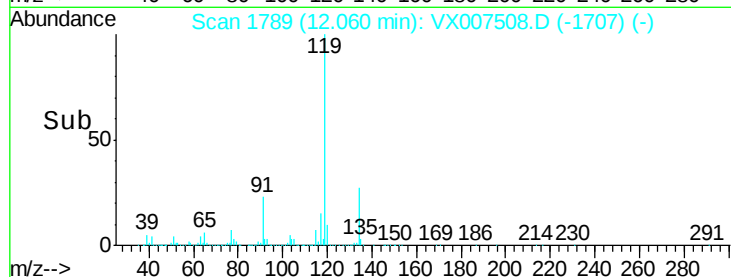
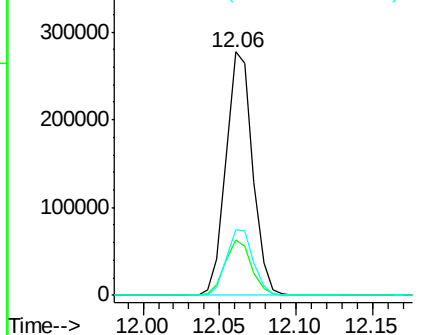
Tot Ion	Ratio	Resp	Lower	Upper
119	100	335212		
91	22.6	0.0	45.0	
134	27.3	0.0	55.4	

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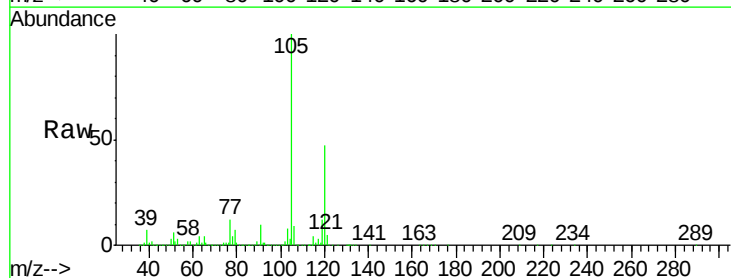


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

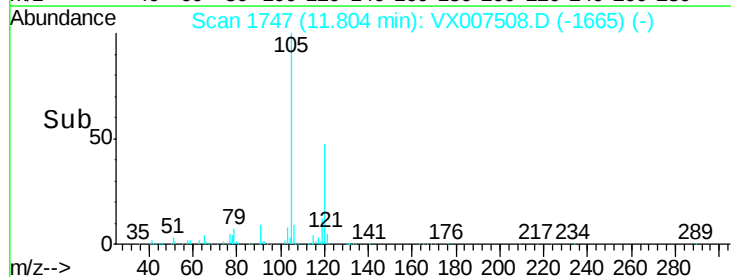
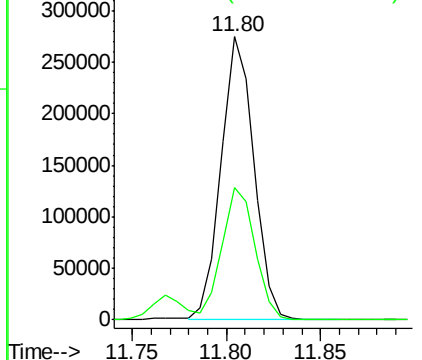


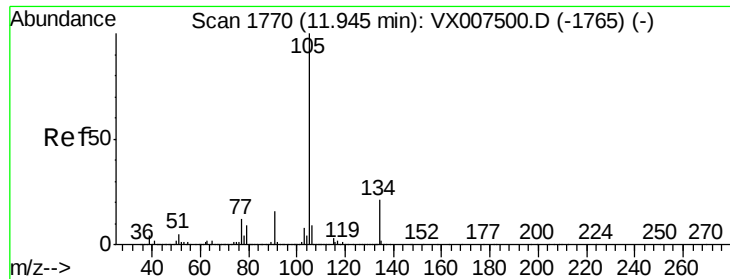
#80
1,2,4-Trimethylbenzene
Concen: 19.670 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	332113		
120	46.9	0.0	94.0	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





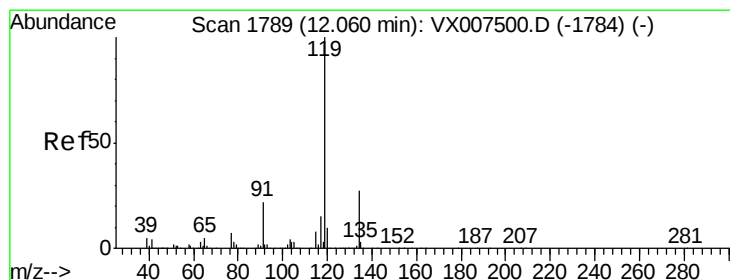
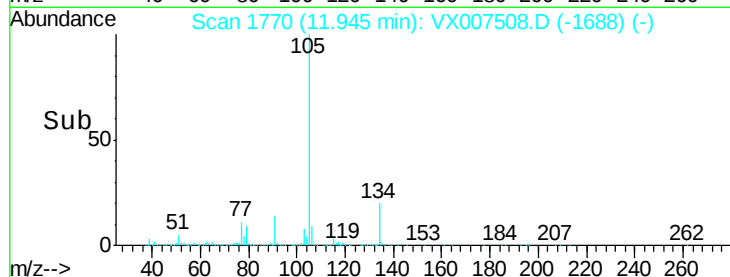
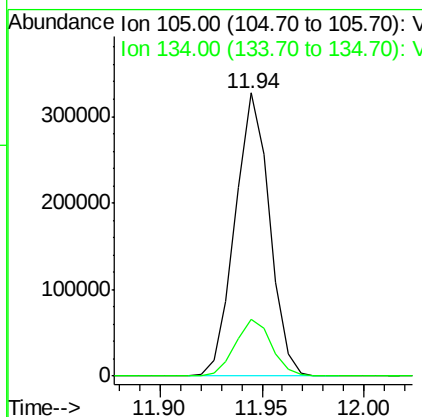
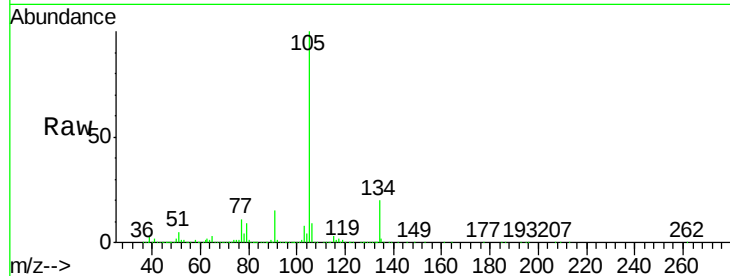
#81
 sec-Butylbenzene
 Concen: 19.282 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	382992		
134	20.9	0.0	41.8	

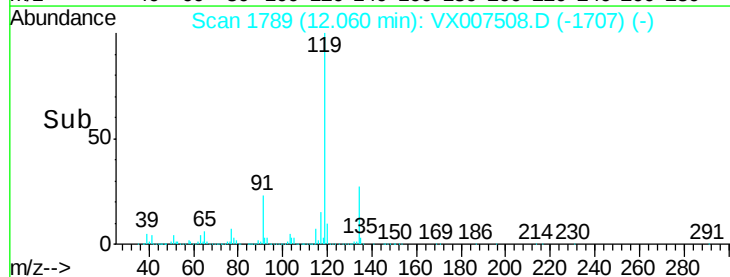
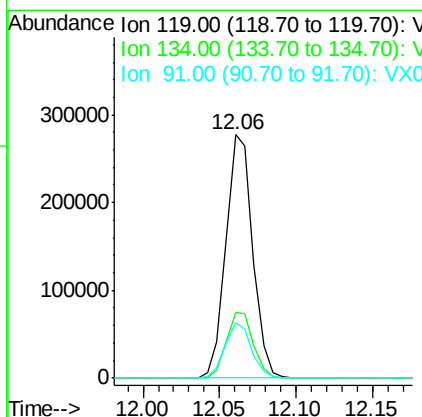
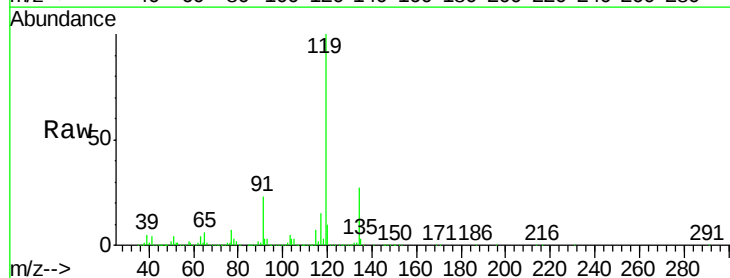
Manual Integrations
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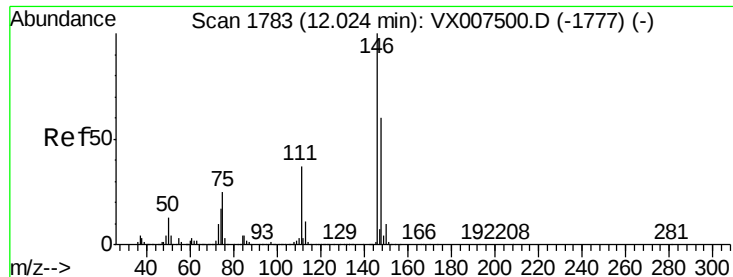
MMDadoda
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#82
 p-Isopropyltoluene
 Concen: 18.980 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	335212		
134	27.3	0.0	55.4	
91	22.6	0.0	45.0	





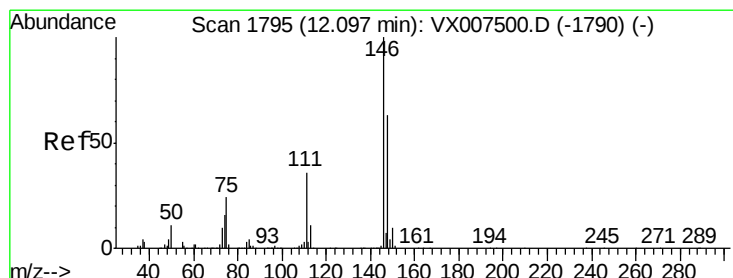
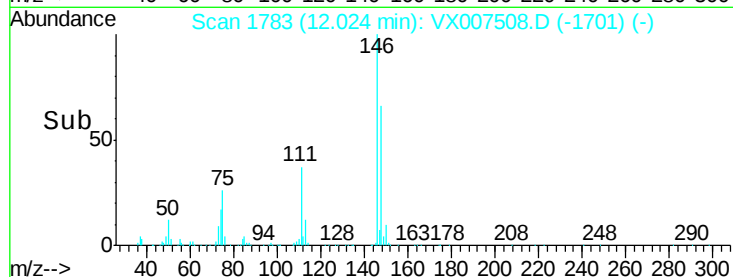
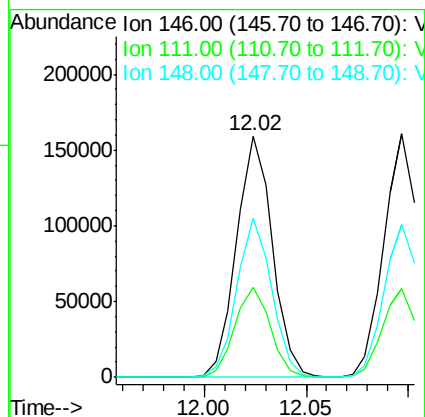
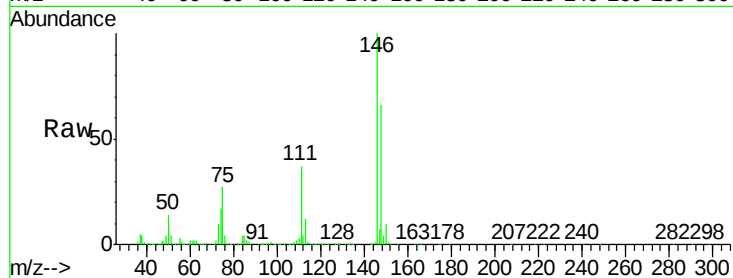
#83
 1,3-Dichlorobenzene
 Concen: 19.789 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	64.4	30.6	91.8

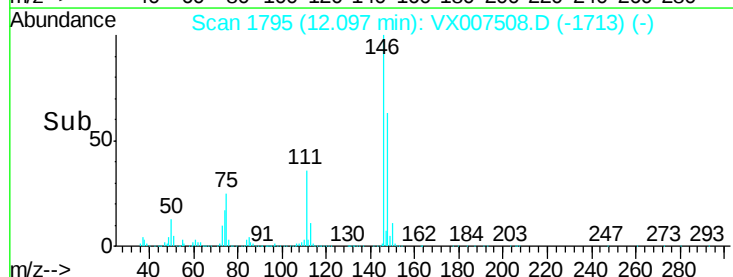
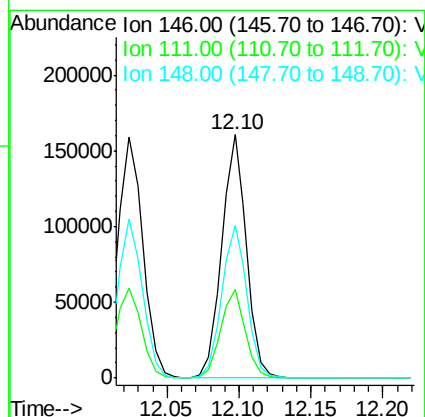
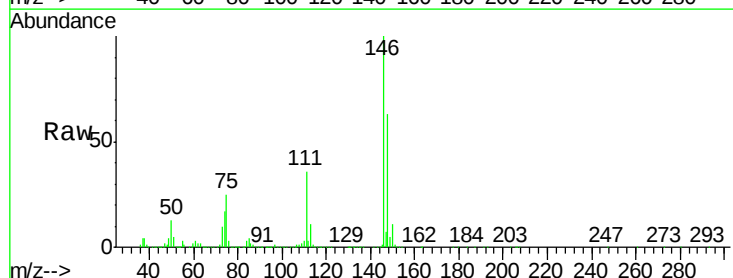
Manual Integrations
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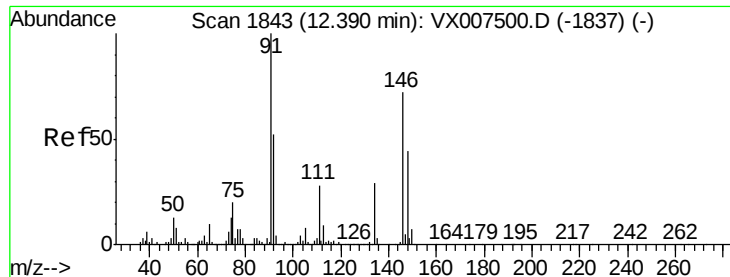
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 2/13/2019 11:53:09 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.764 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	17.6	52.8
148	64.0	31.4	94.2





#85

n-Butylbenzene

Concen: 18.441 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

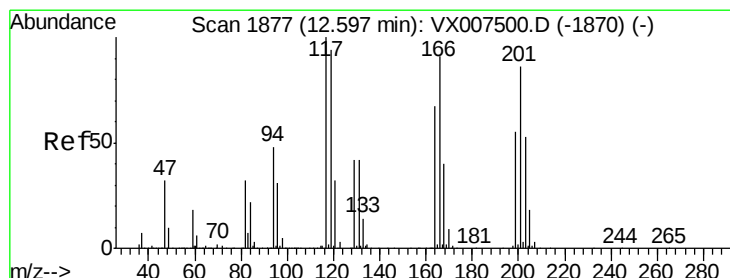
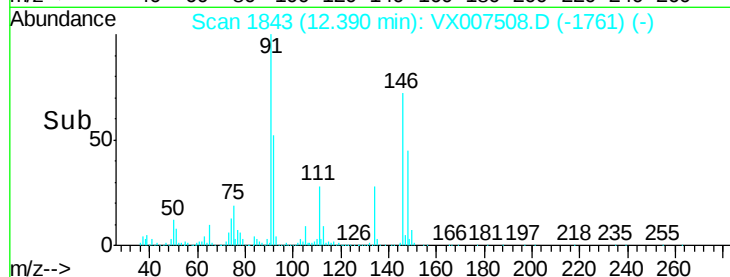
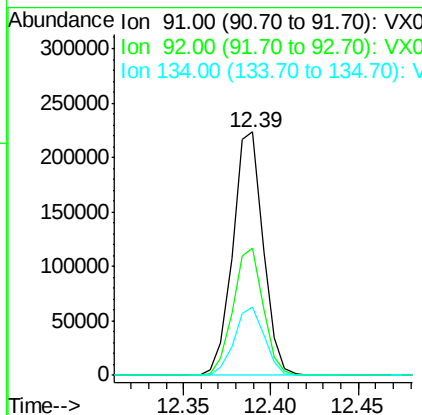
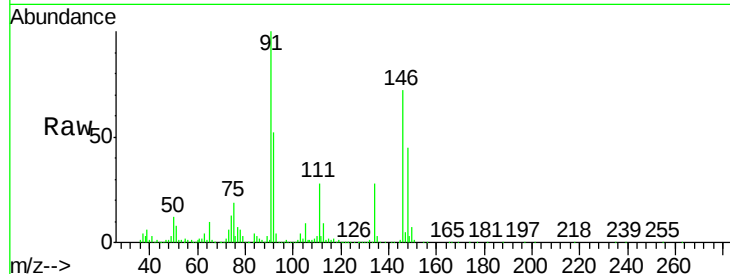
ClientSampleId :

VX0213WBS01

Tot Ion:	91	Resp:	270277
Ion Ratio	Lower	Upper	
91	100		
92	51.7	0.0	105.2
134	27.7	0.0	56.4

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#86

Hexachloroethane

Concen: 18.455 ug/l

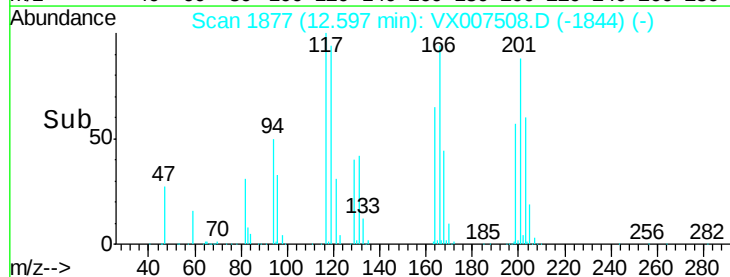
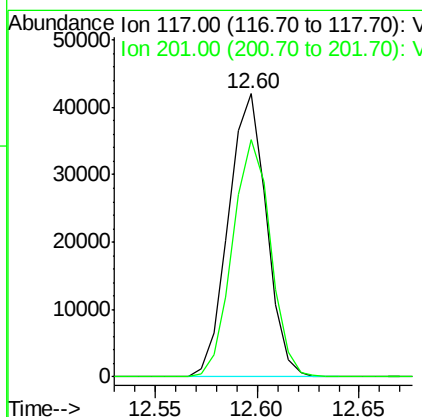
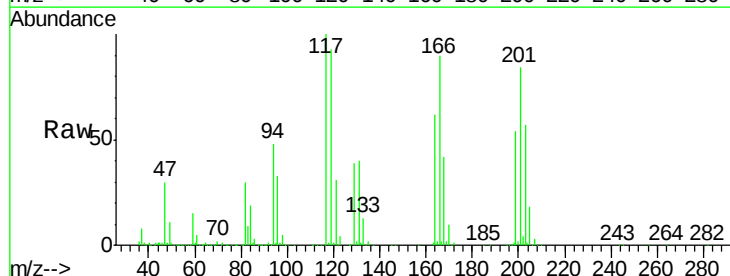
RT: 12.60 min Scan# 1877

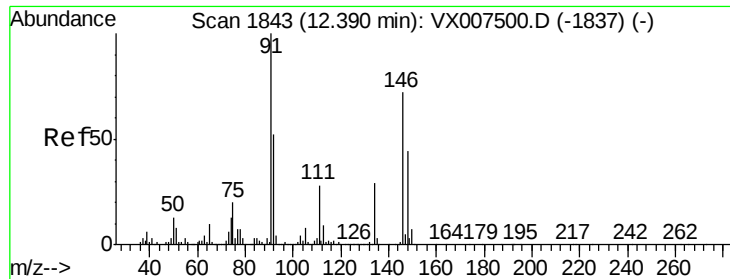
Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Tgt Ion:	117	Resp:	54116
Ion Ratio	Lower	Upper	
117	100		
201	84.1	41.1	123.3





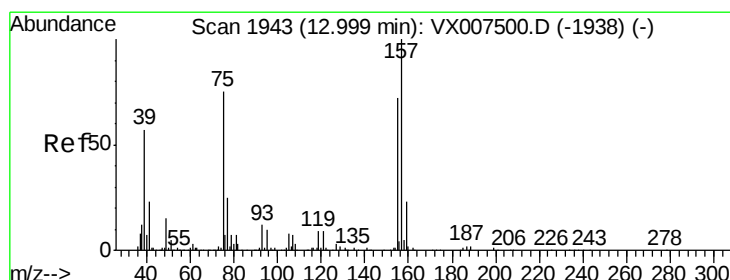
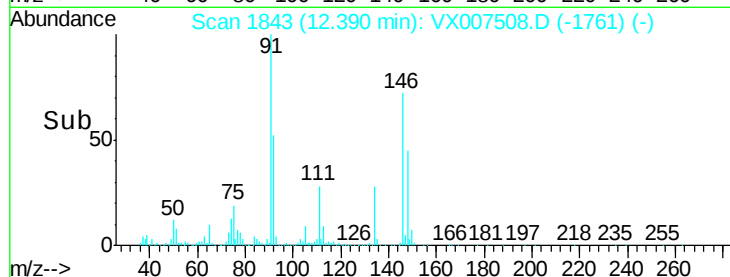
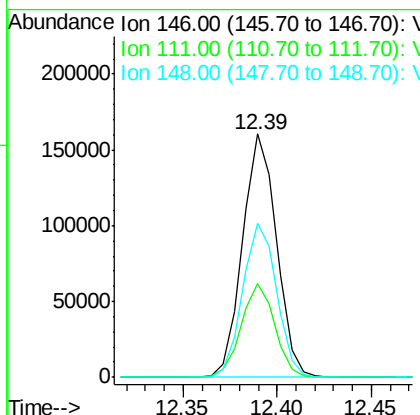
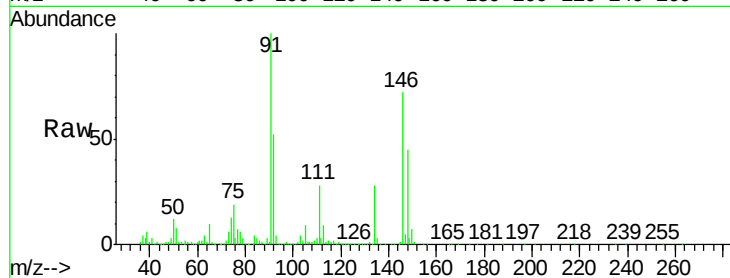
#87
 1,2-Dichlorobenzene
 Concen: 20.463 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.8
148	62.8	32.1	96.3

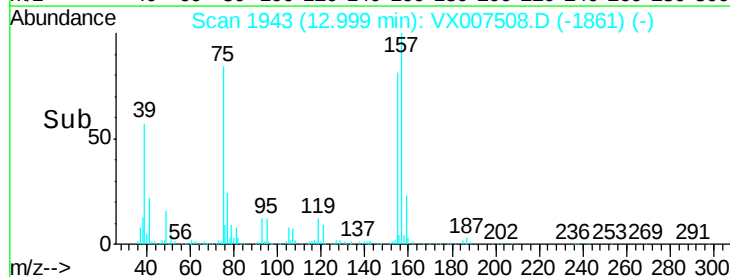
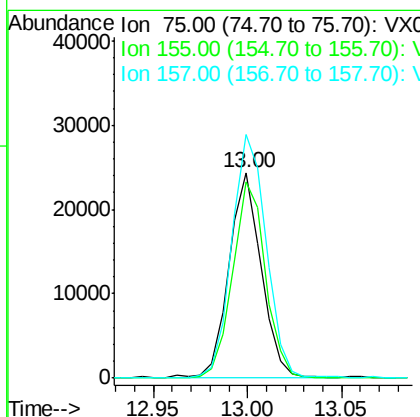
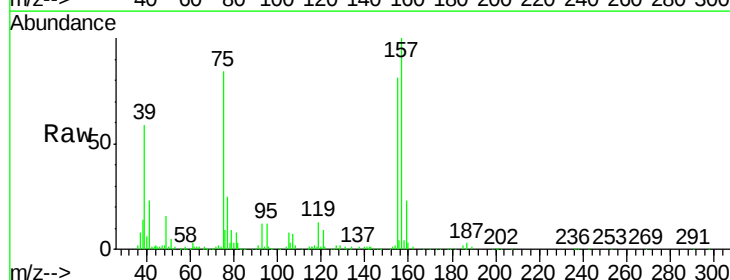
Manual Integrations
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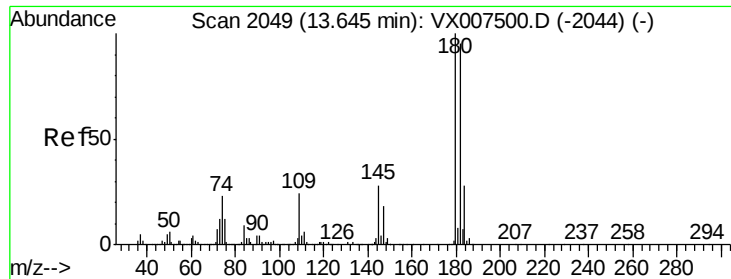
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 2/13/2019 11:53:09 AM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.613 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	81.0	121.6
157	126.0	103.2	154.8





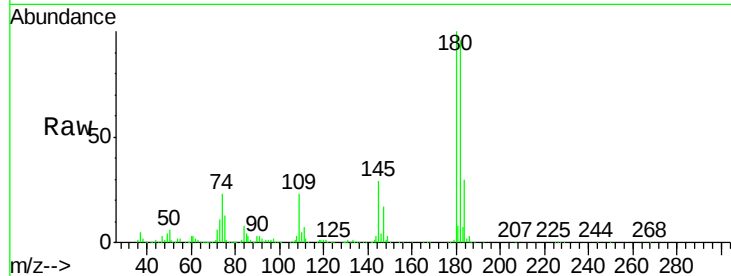
#89
 1,2,4-Trichlorobenzene
 Concen: 19.908 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

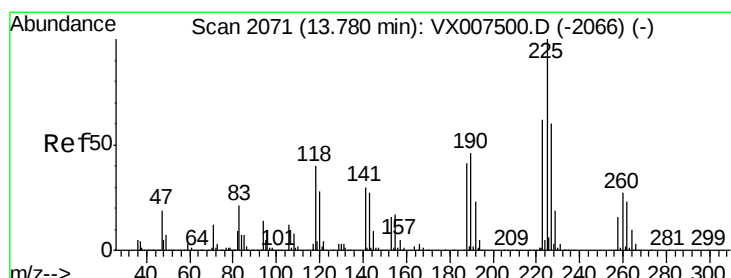
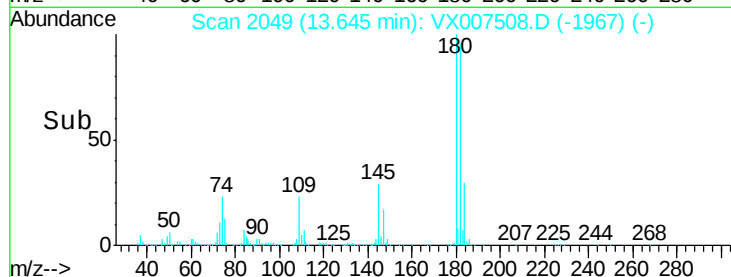
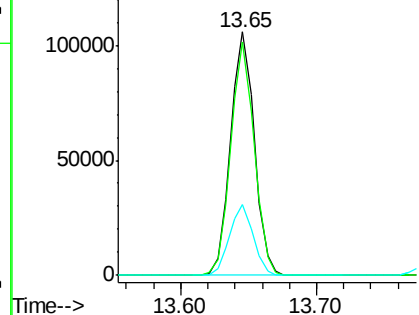
Tot Ion	Ratio	Resp	Lower	Upper
180	100	128342		
182	94.4	75.6	113.4	
145	29.0	23.0	34.6	

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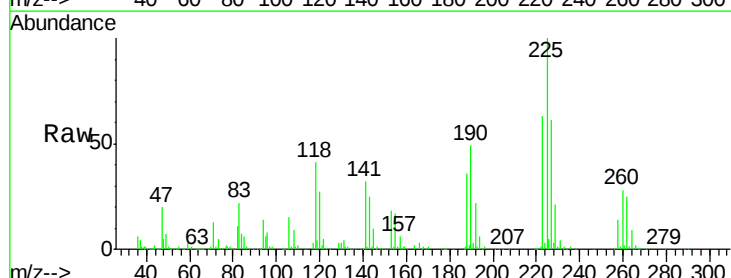


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

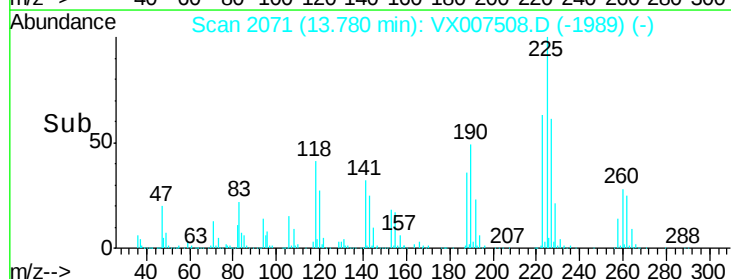
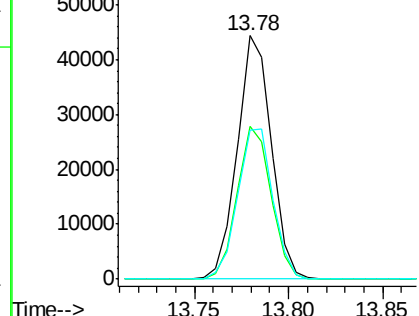


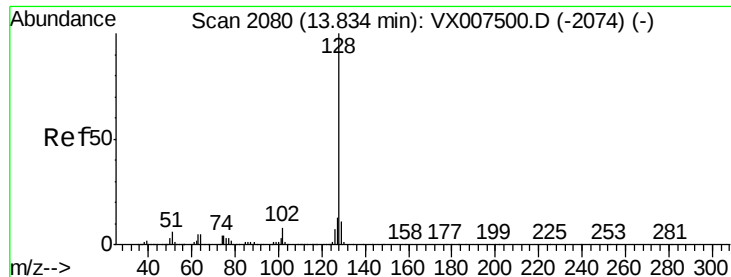
#90
 Hexachlorobutadiene
 Concen: 18.504 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55736		
223	62.5	0.0	123.8	
227	63.9	0.0	124.4	



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 20.555 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

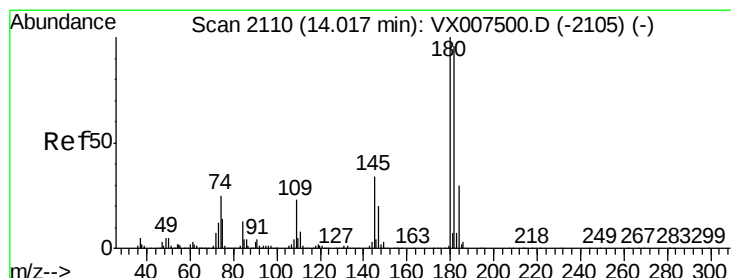
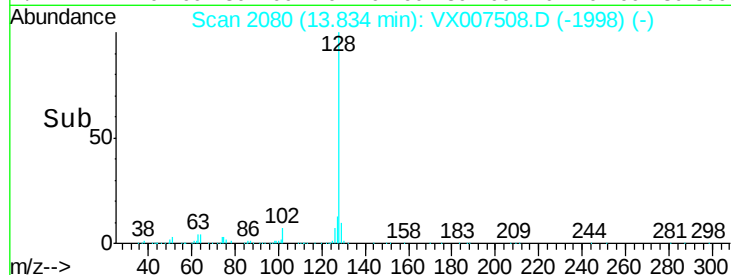
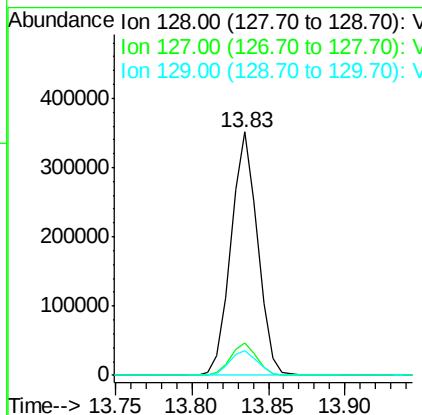
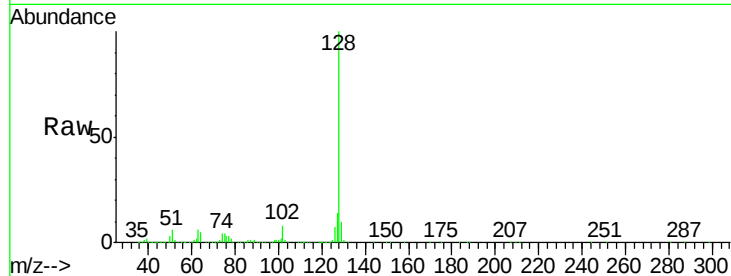
ClientSampleId :

VX0213WBS01

Tot Ion:	128	Resp:	422626
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
2/13/2019 11:53:09 AM



#92

1,2,3-Trichlorobenzene

Concen: 20.108 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Tgt Ion:	180	Resp:	131781
Ion Ratio	Lower	Upper	
180	100		
182	93.7	0.0	193.0
145	31.2	0.0	63.0

