

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007460.D
 Acq On : 11 Feb 2019 11:46
 Operator : JC/SP
 Sample : VX0211WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Manual Integrations
 APPROVED

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 2/12/2019 12:15:10 PM

Quant Time: Feb 12 00:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	466162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	682707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	624604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	318395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	249642	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	5.51	113	227496	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	8.71	98	834882	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	291548	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105512	18.531	ug/l	100
3) Chloromethane	1.33	50	94796	18.054	ug/l	100
4) Vinyl Chloride	1.41	62	100713	19.552	ug/l	98
5) Bromomethane	1.64	94	93290	18.002	ug/l	99
6) Chloroethane	1.73	64	61578	18.480	ug/l	99
7) Trichlorofluoromethane	1.93	101	153913	19.101	ug/l	100
8) Diethyl Ether	2.19	74	58100	19.157	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90060	18.789	ug/l	99
10) Methyl Iodide	2.51	142	122688	17.400	ug/l	98
11) Tert butyl alcohol	3.07	59	107601	105.081	ug/l	96
12) 1,1-Dichloroethene	2.38	96	82186	18.465	ug/l	96
13) Acrolein	2.30	56	43978	91.588	ug/l	95
14) Allyl chloride	2.73	41	142564	19.658	ug/l	98
15) Acrylonitrile	3.15	53	252978	99.869	ug/l	100
16) Acetone	2.45	43	240317	106.029	ug/l	100
17) Carbon Disulfide	2.57	76	198773	18.475	ug/l	98
18) Methyl Acetate	2.78	43	134579	23.112	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	282228	19.572	ug/l	96
20) Methylene Chloride	2.86	84	91747	19.578	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	86648	18.275	ug/l	96
22) Diisopropyl ether	3.87	45	261298	19.588	ug/l	96
23) Vinyl Acetate	3.82	43	1082989	97.833	ug/l	100
24) 1,1-Dichloroethane	3.70	63	147833	19.297	ug/l	99
25) 2-Butanone	4.70	43	339522	105.261	ug/l	96
26) 2,2-Dichloropropane	4.59	77	114746	19.668	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	97582	18.843	ug/l	99
28) Bromochloromethane	5.02	49	71858	20.397	ug/l	98
29) Tetrahydrofuran	5.15	42	211094	104.057	ug/l	99
30) Chloroform	5.21	83	155072	19.399	ug/l	99
31) Cyclohexane	5.57	56	125965	18.308	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	133531	19.789	ug/l	99
36) 1,1-Dichloropropene	5.80	75	109041	17.801	ug/l	98
37) Ethyl Acetate	4.85	43	120960	19.535	ug/l	99
38) Carbon Tetrachloride	5.78	117	117717	19.809	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135640	18.302	ug/l	98
40) Benzene	6.14	78	344266	19.079	ug/l	99
41) Methacrylonitrile	5.06	41	65611	19.770	ug/l	99
42) 1,2-Dichloroethane	6.20	62	117559	18.830	ug/l	98
43) Isopropyl Acetate	6.46	43	189080	19.783	ug/l	99
44) Trichloroethene	7.21	130	102170	18.800	ug/l	97
45) 1,2-Dichloropropane	7.52	63	85348	18.878	ug/l	98
46) Dibromomethane	7.66	93	60817	18.509	ug/l	99
47) Bromodichloromethane	7.90	83	108791	19.536	ug/l	98
48) Methyl methacrylate	7.77	41	98084	20.517	ug/l	100
49) 1,4-Dioxane	7.75	88	45189	419.658	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	639484	101.637	ug/l	99
52) Toluene	8.78	92	220800	18.966	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	115110	19.244	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	130938	19.905	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	94248	19.421	ug/l	98
56) Ethyl methacrylate	9.18	69	128873	19.174	ug/l	98
57) 1,3-Dichloropropane	9.37	76	151786	19.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	349882	98.764	ug/l	99
59) 2-Hexanone	9.49	43	498132	101.740	ug/l	99
60) Dibromochloromethane	9.58	129	95135	20.728	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101550	19.760	ug/l	99
64) Tetrachloroethene	9.34	164	108691	18.463	ug/l	98
65) Chlorobenzene	10.14	112	253268	18.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	90978	19.909	ug/l	99
67) Ethyl Benzene	10.25	91	416878	18.993	ug/l	100
68) m/p-Xylenes	10.36	106	323421	37.067	ug/l	99
69) o-Xylene	10.69	106	160123	19.072	ug/l	99
70) Styrene	10.71	104	252189	18.521	ug/l	100
71) Bromoform	10.85	173	68080	19.647	ug/l #	98
73) Isopropylbenzene	11.02	105	419798	19.402	ug/l	98
74) N-amyl acetate	10.90	43	165327	19.755	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	140406	21.293	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	133136m	21.497	ug/l	
77) Bromobenzene	11.26	156	118289	19.404	ug/l	98
78) n-propylbenzene	11.36	91	466197	19.649	ug/l	100
79) 2-Chlorotoluene	11.42	91	283034	19.660	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	344637	19.469	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36215	20.774	ug/l	95
82) 4-Chlorotoluene	11.51	91	316958	19.027	ug/l	98
83) tert-Butylbenzene	11.77	119	341079	19.462	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	357221	19.878	ug/l	99
85) sec-Butylbenzene	11.94	105	424316	20.004	ug/l	100
86) p-Isopropyltoluene	12.06	119	373487	19.506	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	203115	18.565	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	206324	18.588	ug/l	100
89) n-Butylbenzene	12.38	91	302295	18.353	ug/l	98
90) Hexachloroethane	12.60	117	57910	20.208	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	206232	18.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27940	20.378	ug/l	99

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ClientSampleId :
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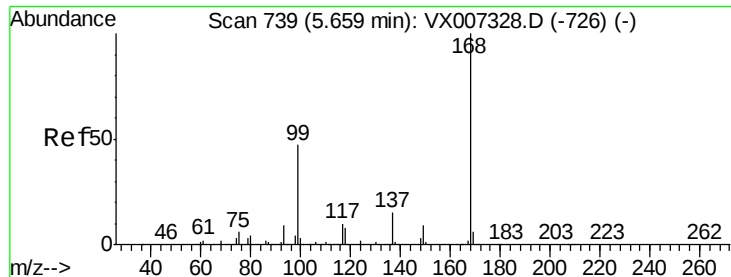
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136104	18.536	ug/l	99
94) Hexachlorobutadiene	13.78	225	66407	18.625	ug/l	98
95) Naphthalene	13.83	128	415055	19.329	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	137789	18.642	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion:168 Resp: 466162

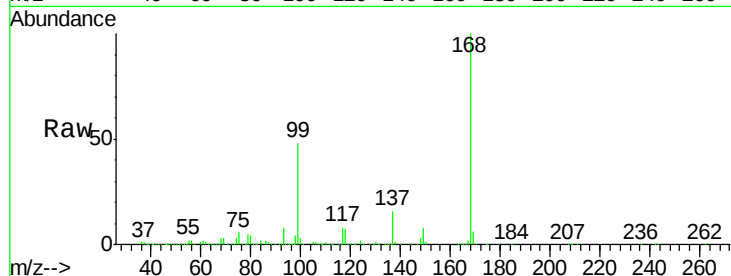
Ion Ratio Lower Upper

168 100

99 47.5 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

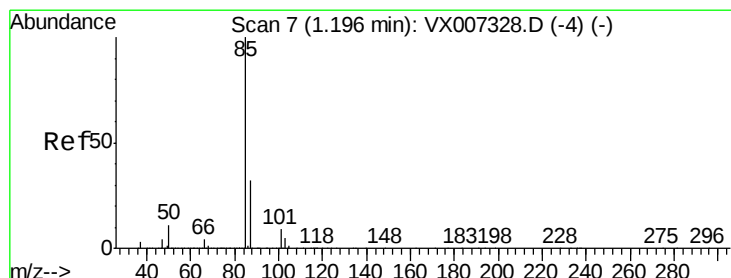
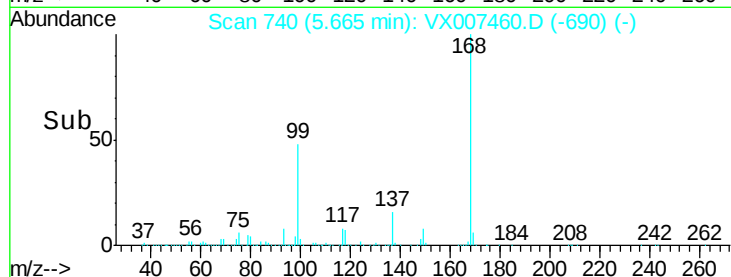
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.531 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007460.D

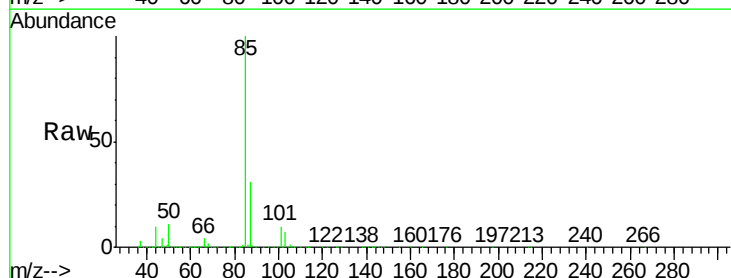
Acq: 11 Feb 2019 11:46

Tgt Ion: 85 Resp: 105512

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

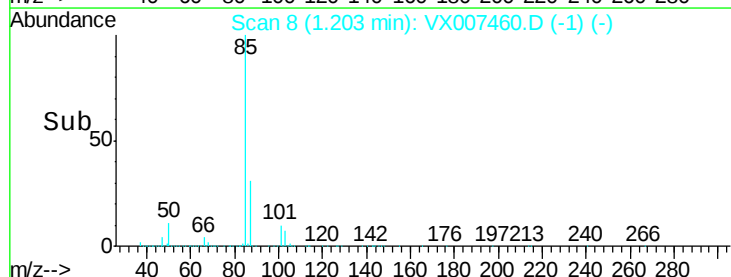
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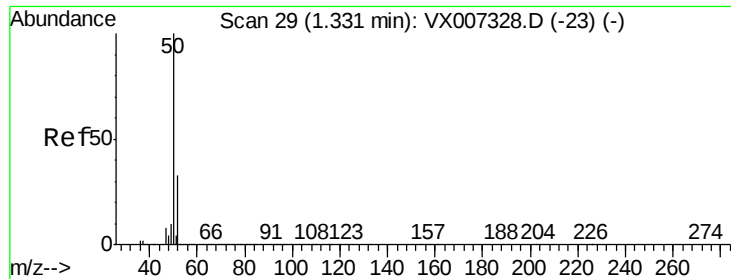
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.054 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 50 Resp: 94796

Ion Ratio Lower Upper

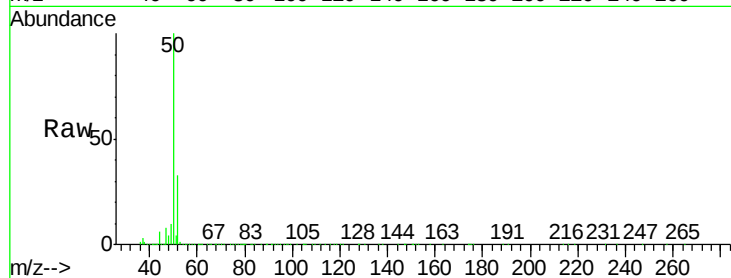
50 100

52 32.8 26.1 39.1

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

100000

80000

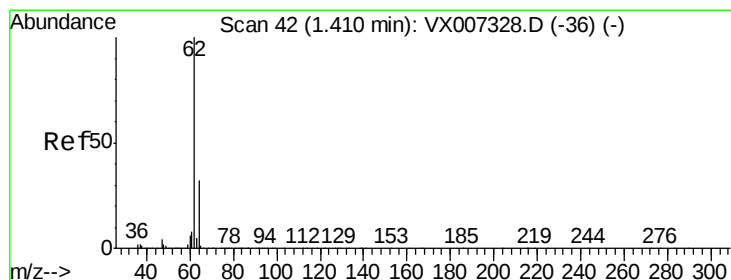
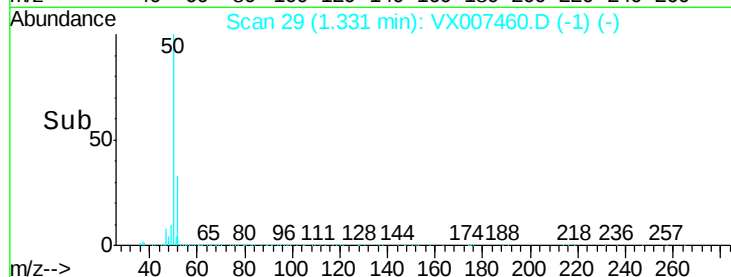
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 19.552 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007460.D

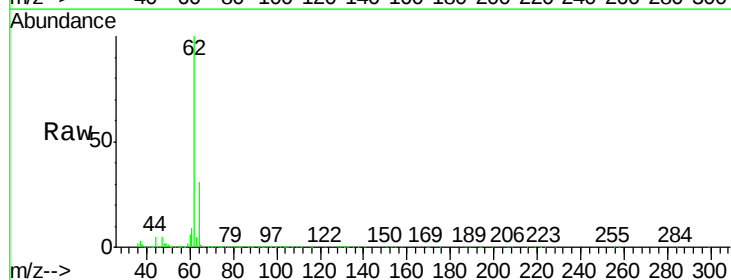
Acq: 11 Feb 2019 11:46

Tgt Ion: 62 Resp: 100713

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

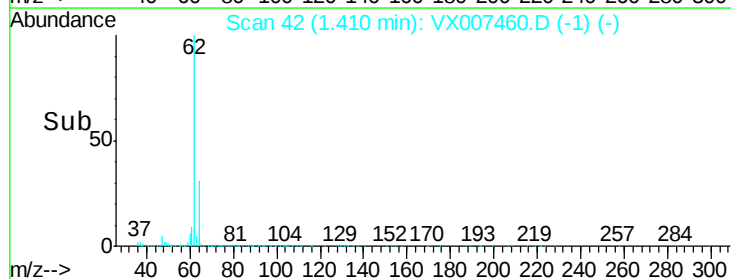
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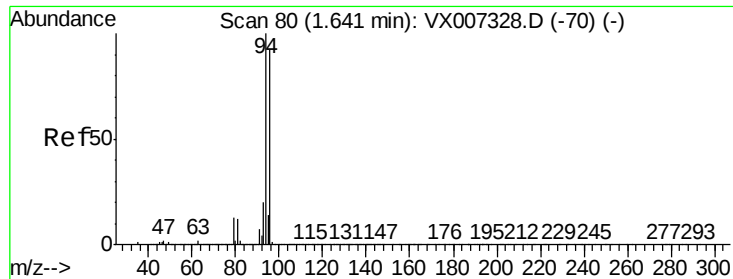
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20000

0

Time-->





#5

Bromomethane

Concen: 18.002 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 94 Resp: 93290

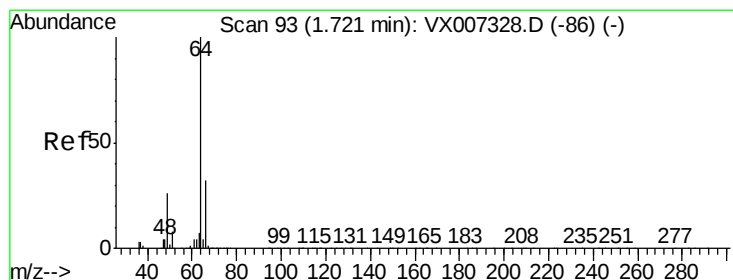
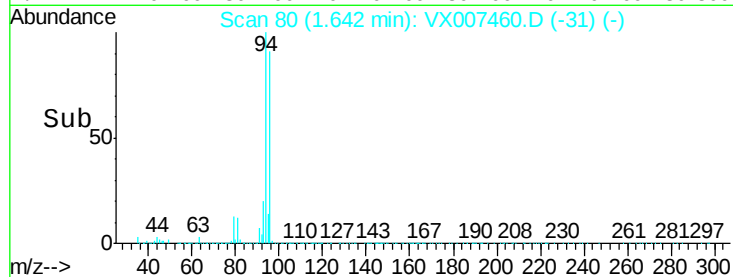
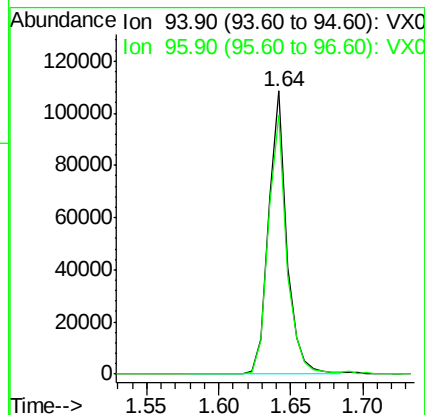
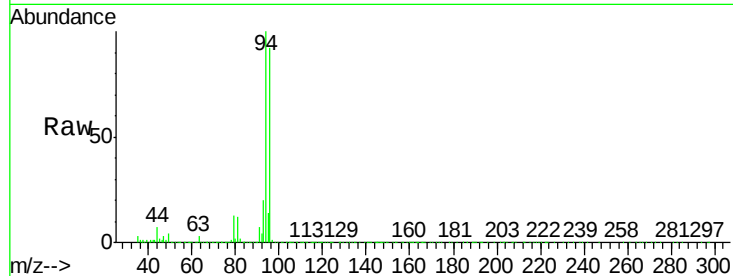
Ion Ratio Lower Upper

94 100

96 91.6 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 18.480 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007460.D

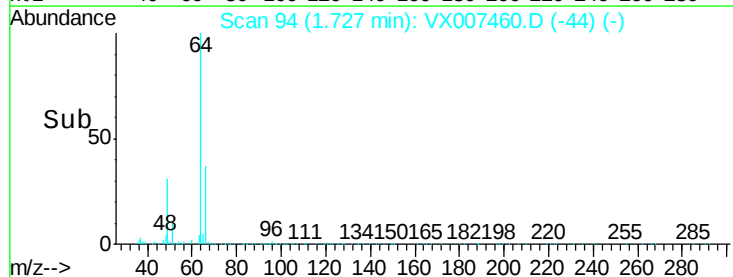
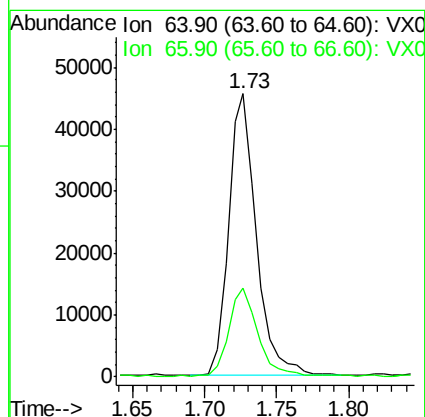
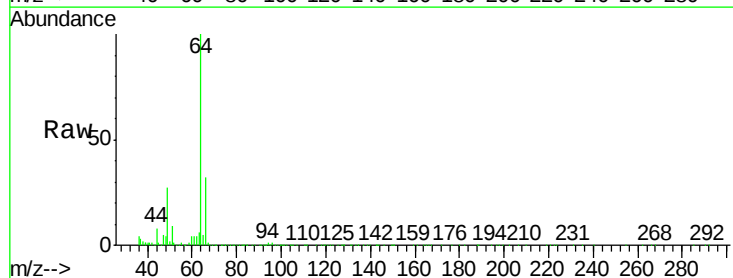
Acq: 11 Feb 2019 11:46

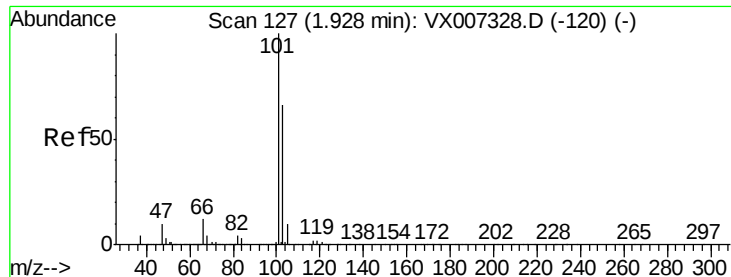
Tgt Ion: 64 Resp: 61578

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3





#7

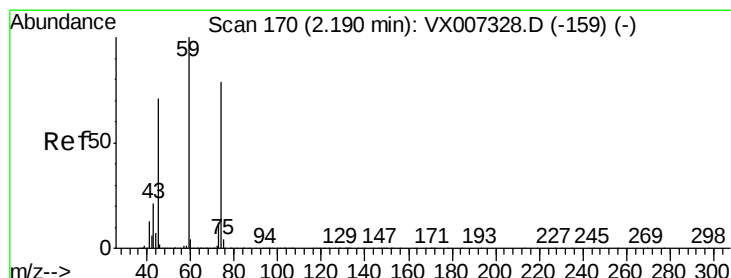
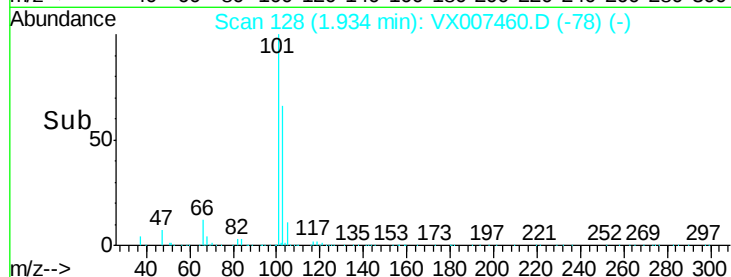
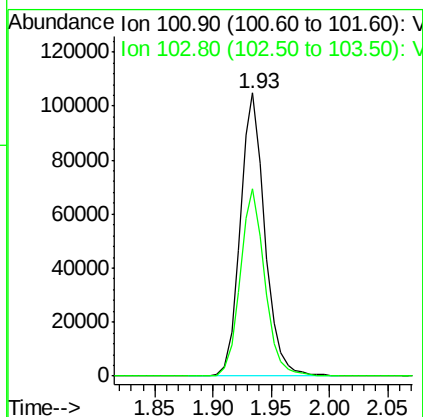
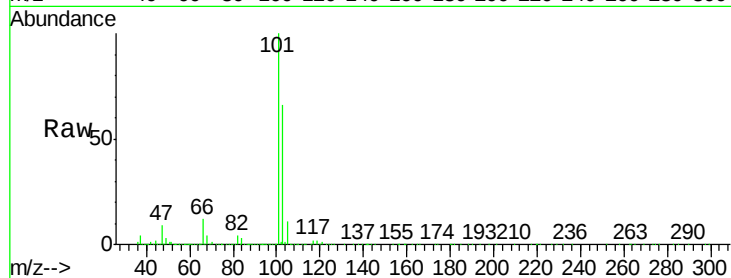
Trichlorofluoromethane
Concen: 19.101 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

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ClientSampleId :
VX0211WBS01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	66.1	52.6	79.0	

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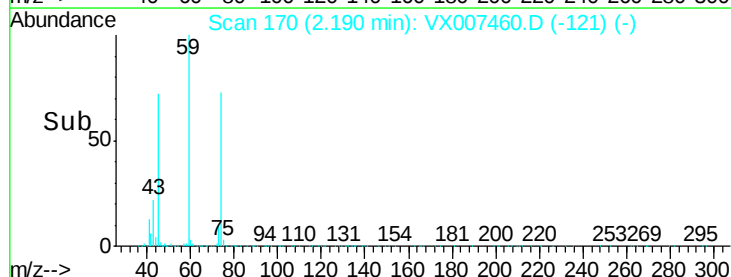
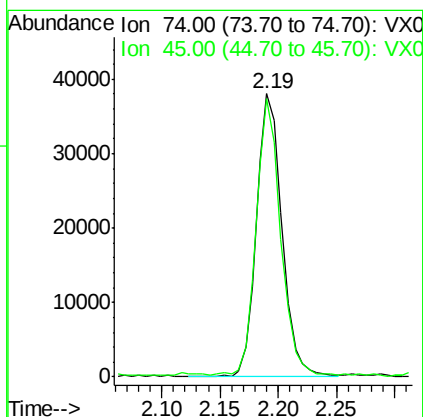
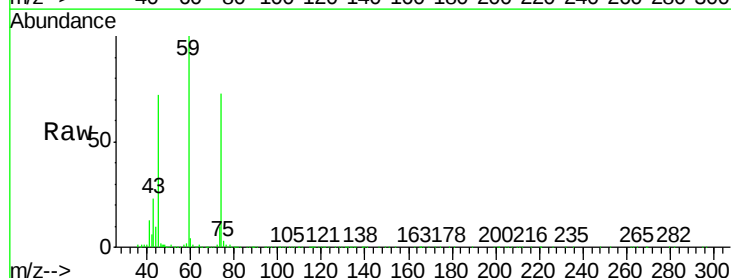
MMDadoda
2/12/2019 12:15:10 PM

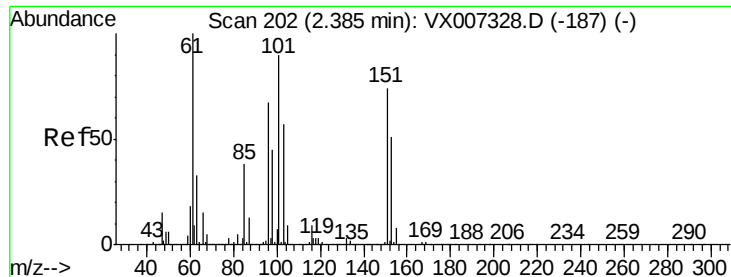


#8

Diethyl Ether
Concen: 19.157 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	93.8	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.789 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

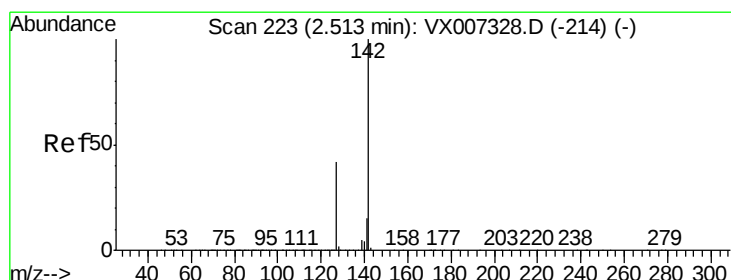
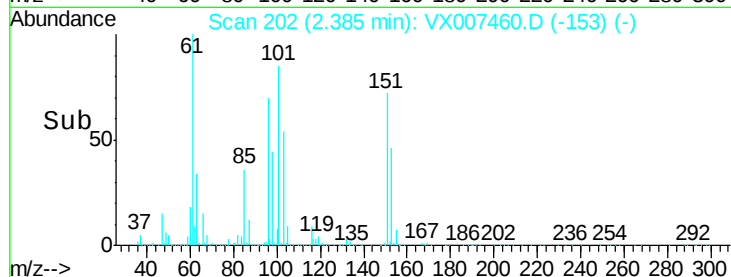
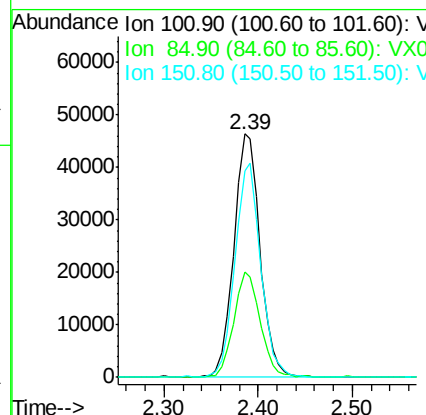
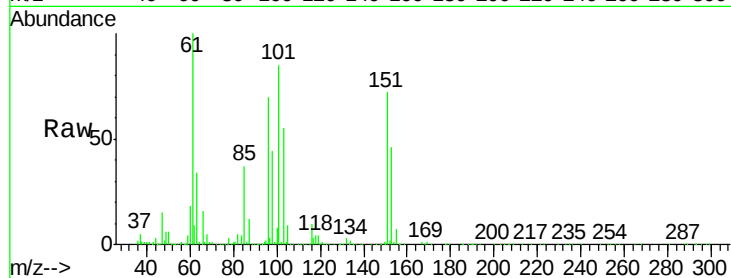
ClientSampleId :

VX0211WBS01

Tot Ion:	101	Resp:	90060
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.1	51.1
151	86.6	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 17.400 ug/l

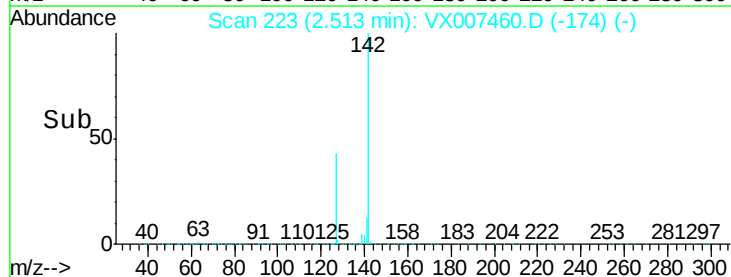
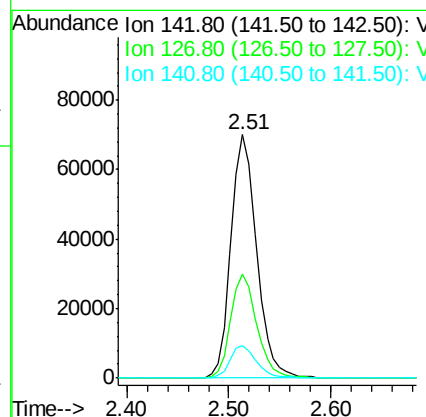
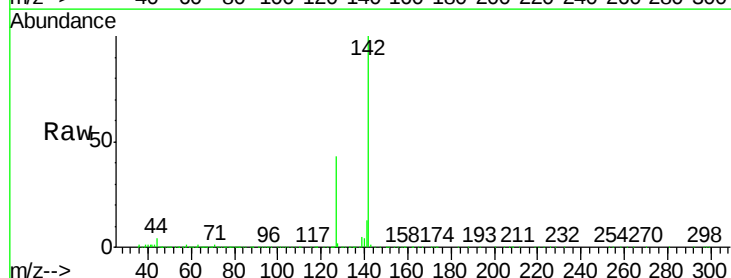
RT: 2.51 min Scan# 223

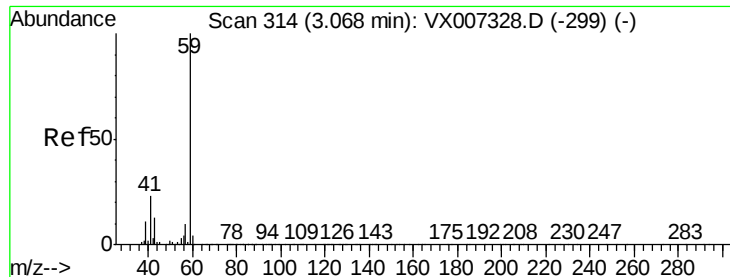
Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion:	142	Resp:	122688
Ion Ratio	Lower	Upper	
142	100		
127	43.3	33.7	50.5
141	13.8	11.3	16.9





#11

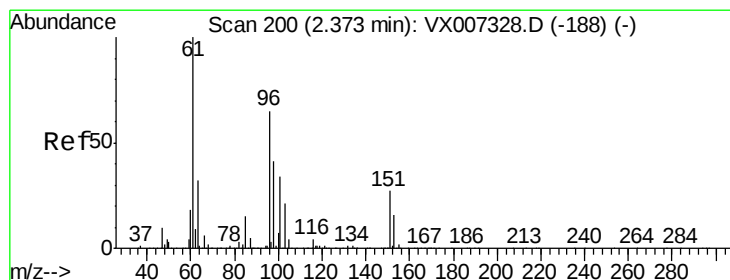
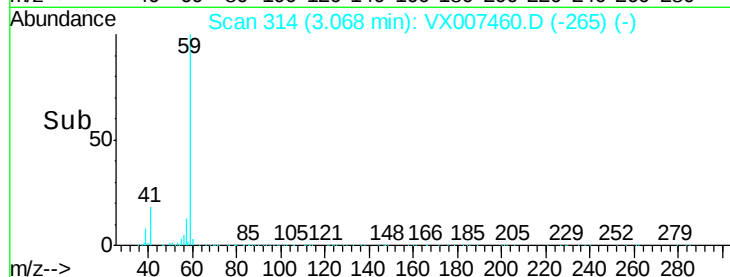
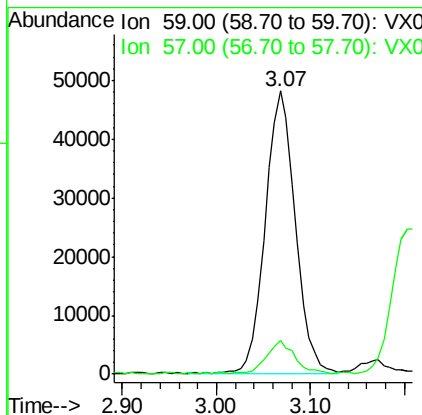
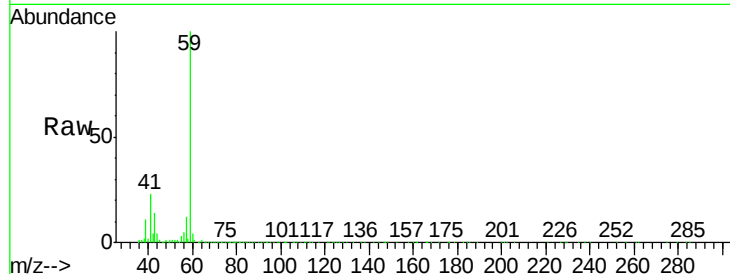
Tert butyl alcohol
Concen: 105.081 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampled :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.1	12.1

Manual Integrations
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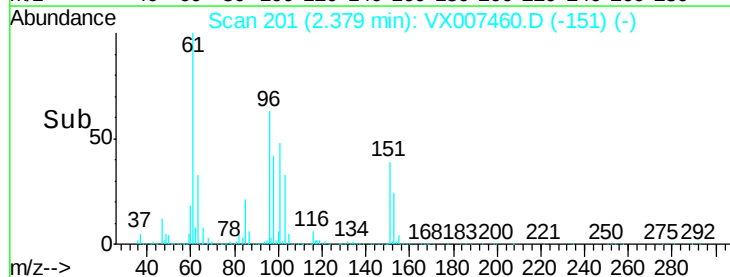
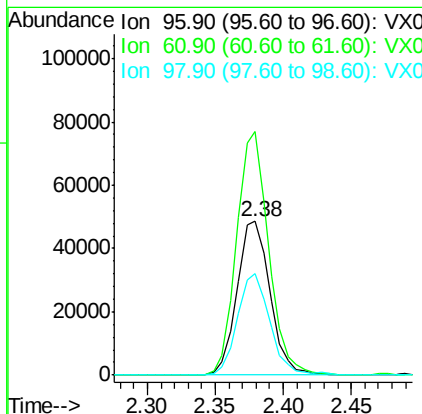
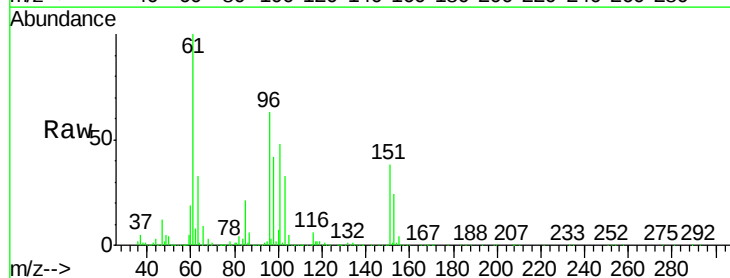
MMDadoda
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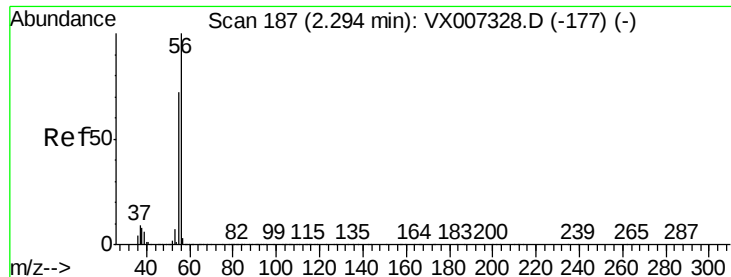


#12

1,1-Dichloroethene
Concen: 18.465 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.4	123.0	184.4
98	66.1	50.9	76.3





#13

Acrolein

Concen: 91.588 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 56 Resp: 43978

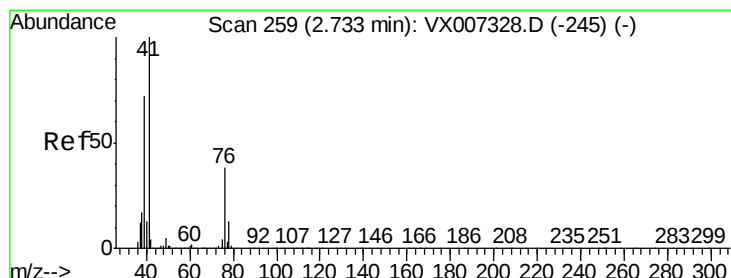
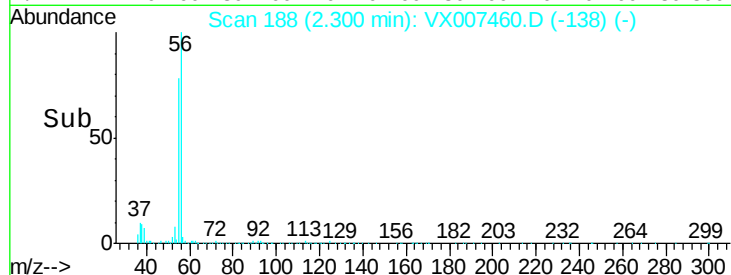
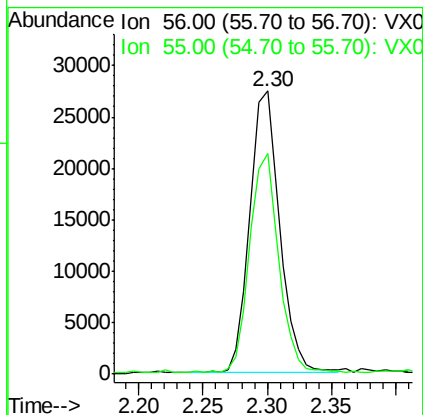
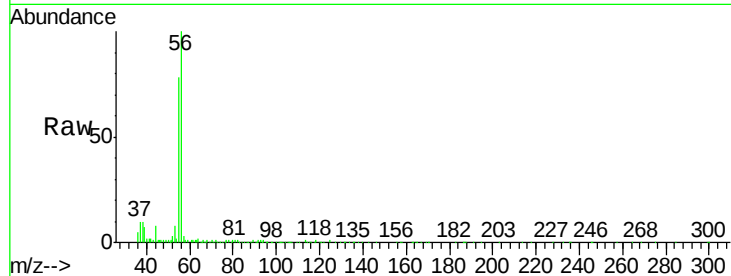
Ion Ratio Lower Upper

56 100

55 75.2 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 19.658 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

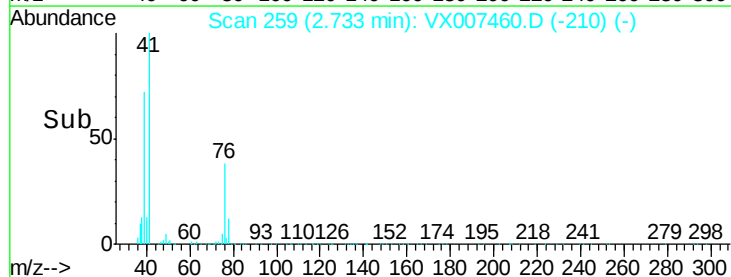
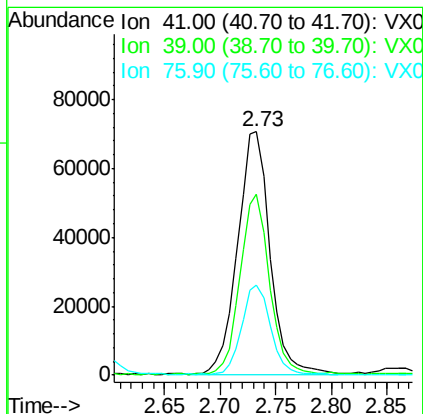
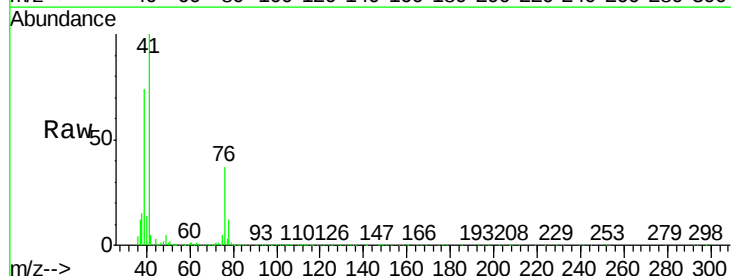
Tgt Ion: 41 Resp: 142564

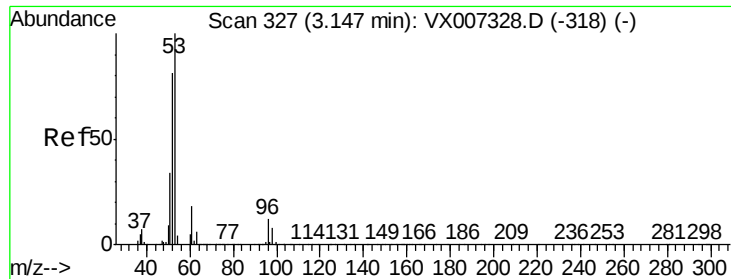
Ion Ratio Lower Upper

41 100

39 66.7 54.1 81.1

76 33.3 27.8 41.8





#15

Acrylonitrile

Concen: 99.869 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

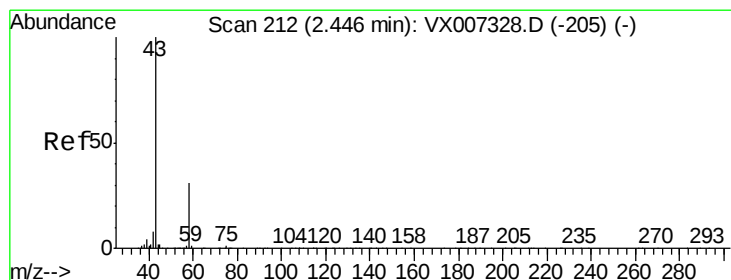
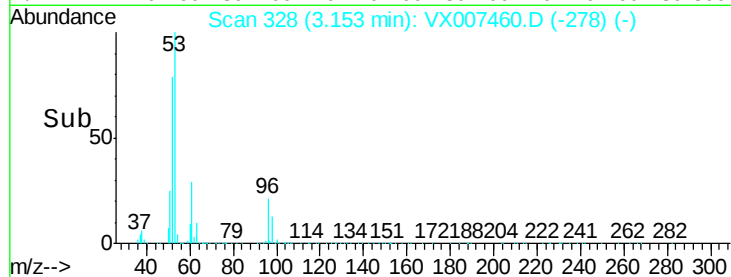
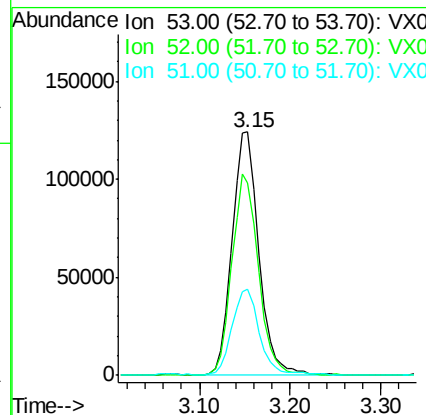
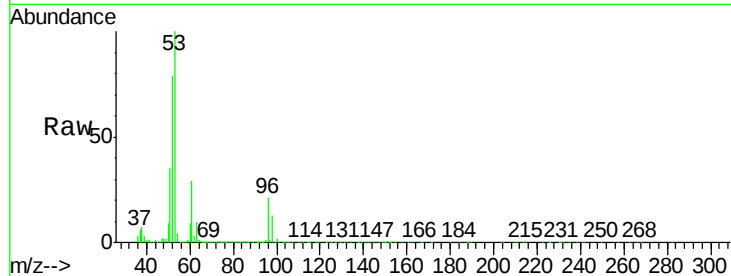
ClientSampleId :

VX0211WBS01

Tot Ion	53	Resp	252978
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.4	99.6
51	36.3	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 106.029 ug/l

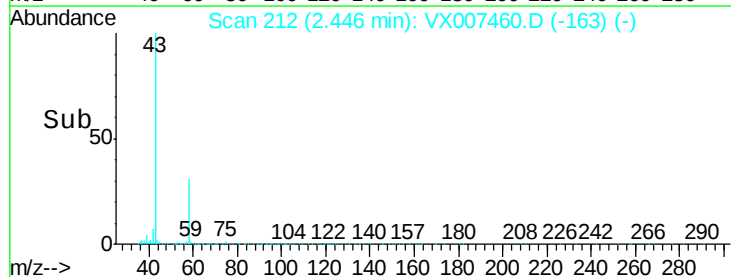
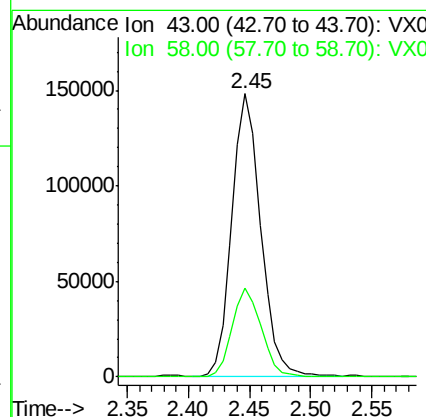
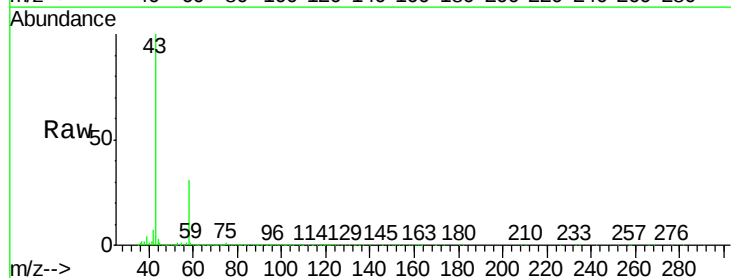
RT: 2.45 min Scan# 212

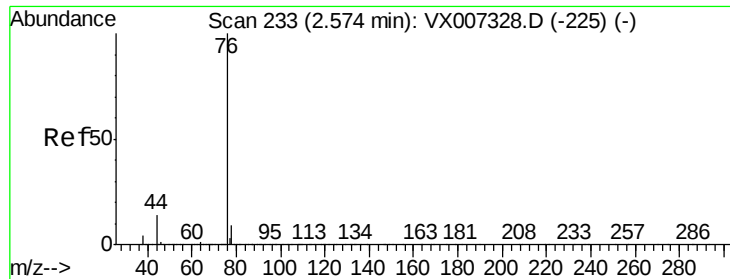
Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion	43	Resp	240317
Ion Ratio	Lower	Upper	
43	100		
58	31.3	24.9	37.3





#17

Carbon Disulfide

Concen: 18.475 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 76 Resp: 198773

Ion Ratio Lower Upper

76 100

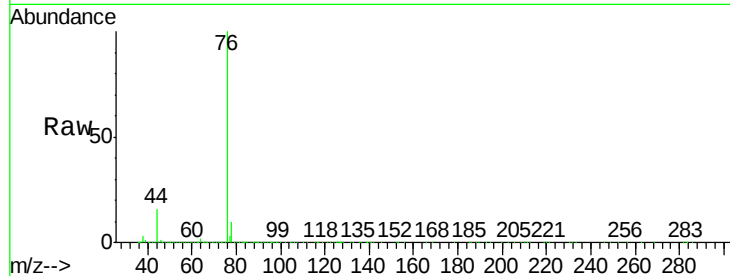
78 9.5 7.1 10.7

Manual Integrations

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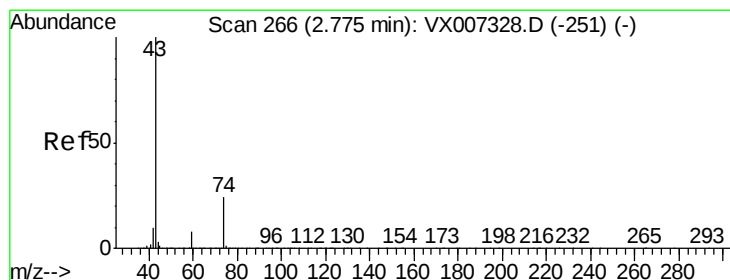
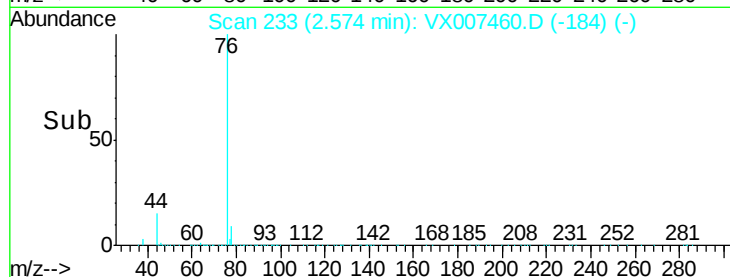
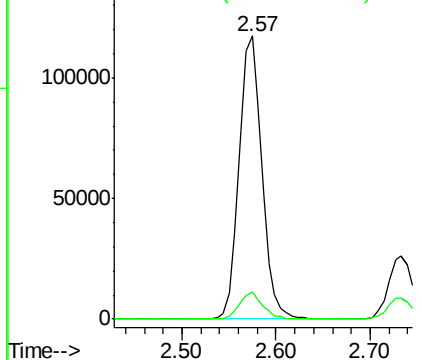
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.112 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007460.D

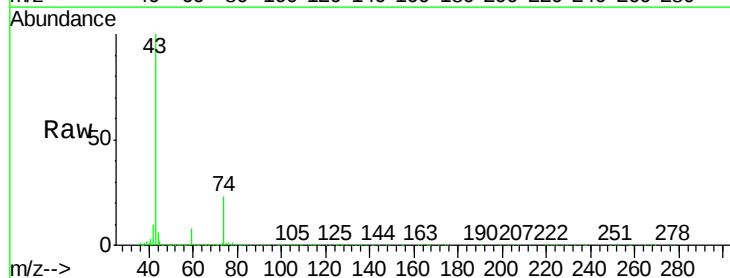
Acq: 11 Feb 2019 11:46

Tgt Ion: 43 Resp: 134579

Ion Ratio Lower Upper

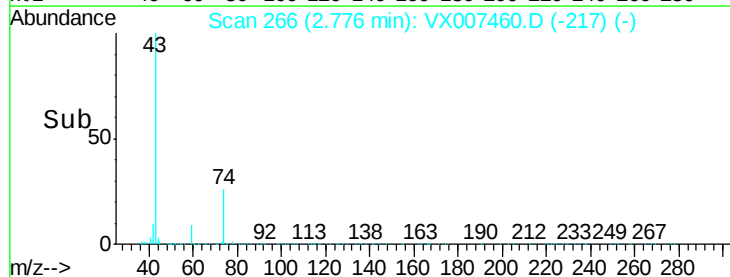
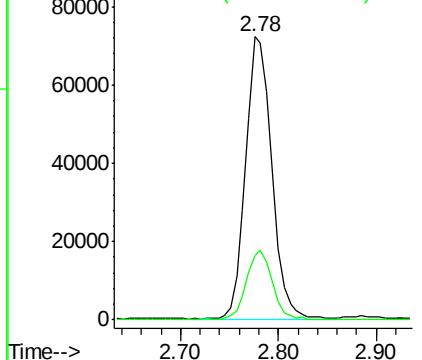
43 100

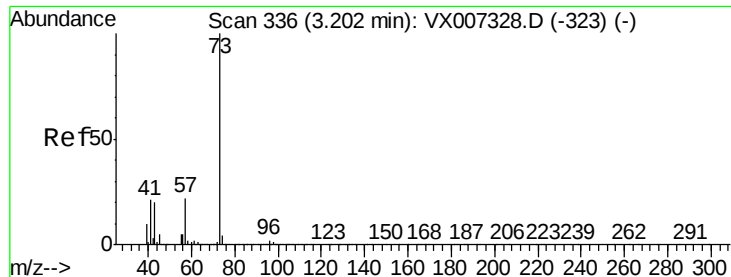
74 24.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





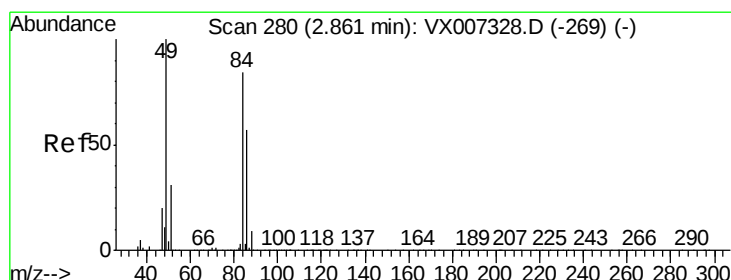
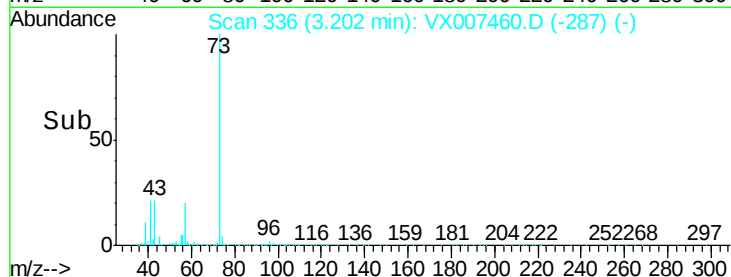
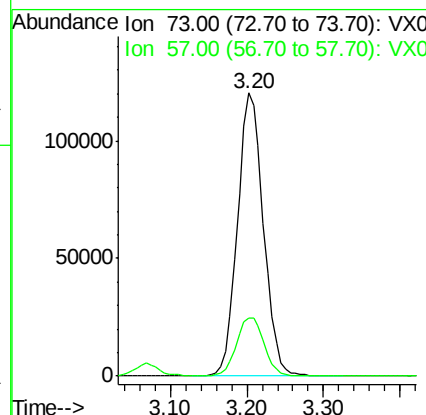
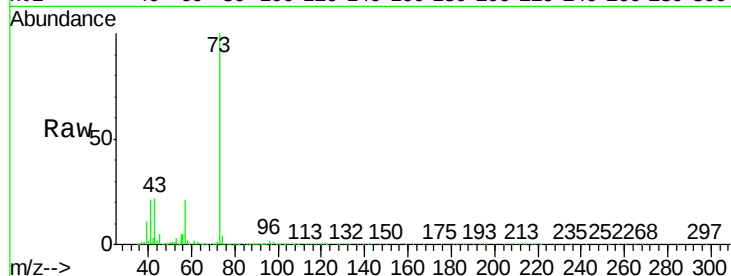
#19
Methvl tert-butvl Ether
Concen: 19.572 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.8	26.8

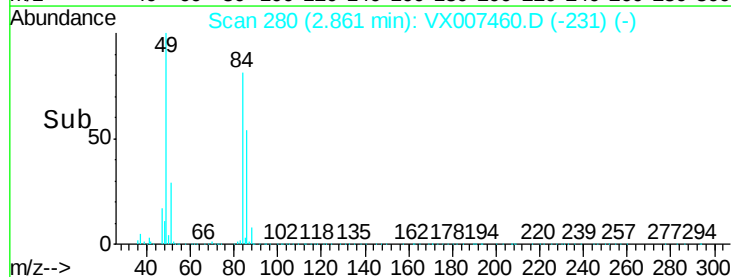
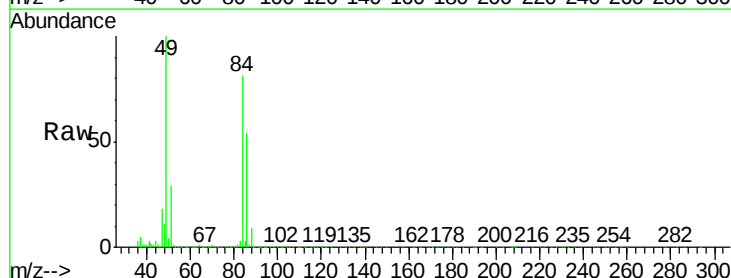
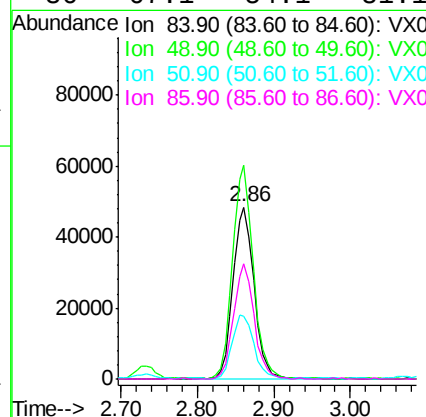
Manual Integrations
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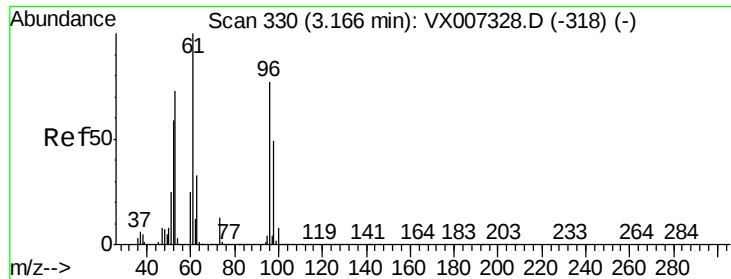
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#20
Methylene Chloride
Concen: 19.578 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	94.8	142.2
51	36.0	29.8	44.8
86	67.1	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 18.275 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

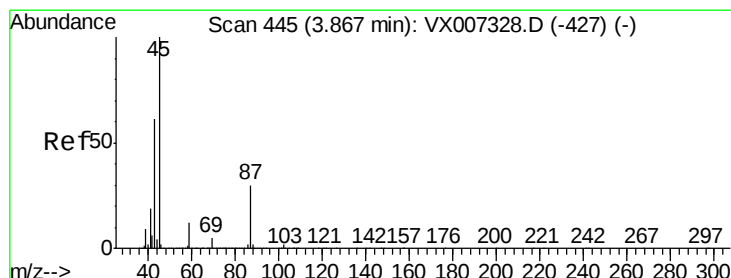
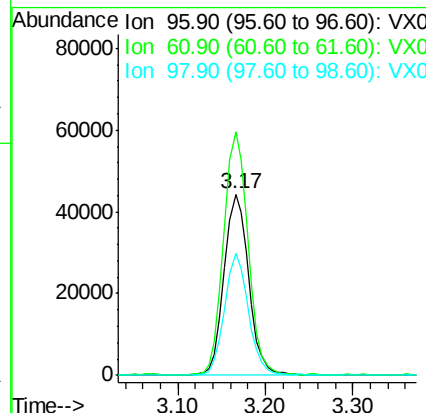
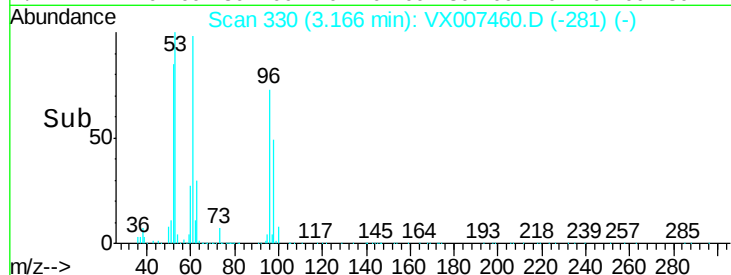
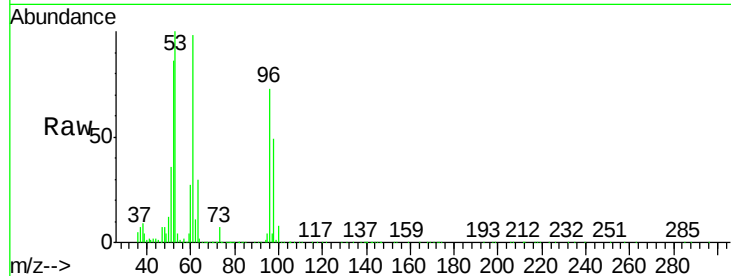
ClientSampleId :

VX0211WBS01

Tot Ion:	96	Resp:	86648
Ion	Ratio	Lower	Upper
96	100		
61	134.2	104.6	156.8
98	67.5	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.588 ug/l

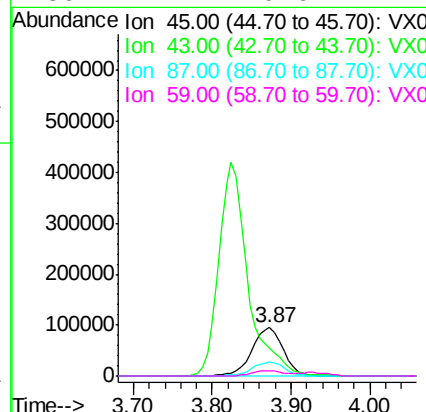
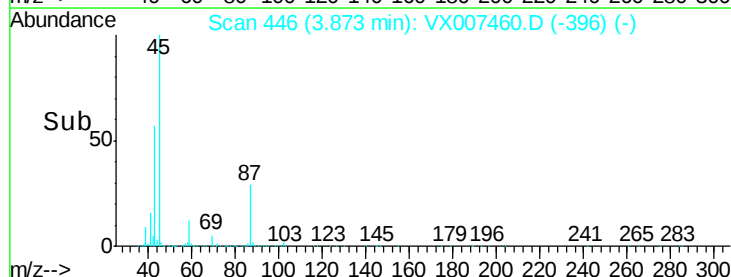
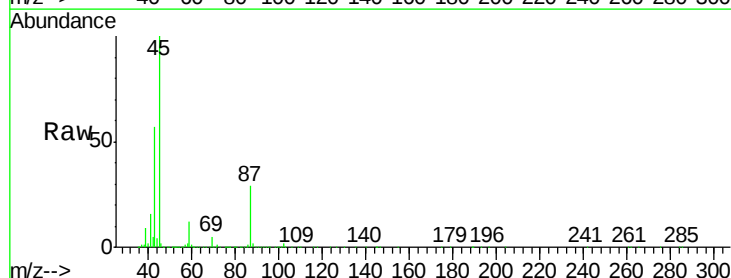
RT: 3.87 min Scan# 446

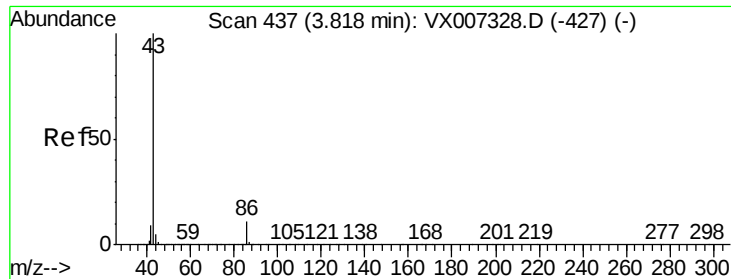
Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion:	45	Resp:	261298
Ion	Ratio	Lower	Upper
45	100		
43	56.0	48.9	73.3
87	29.3	23.9	35.9
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 97.833 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 43 Resp: 1082989

Ion Ratio Lower Upper

43 100

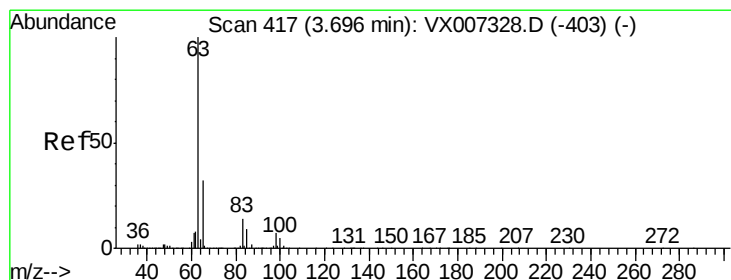
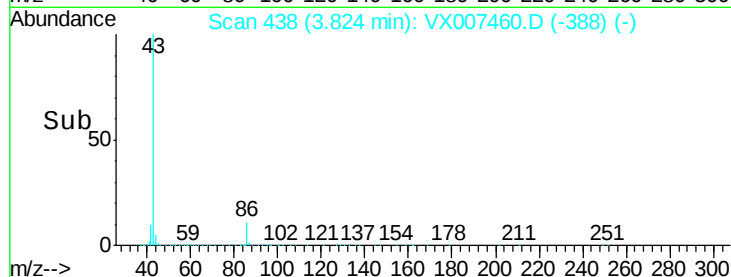
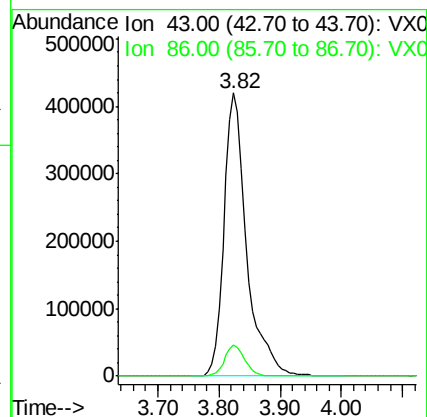
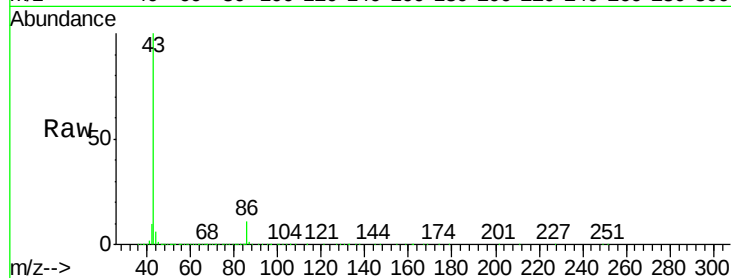
86 11.0 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.297 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

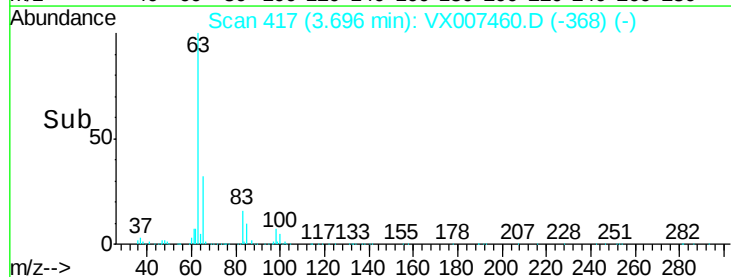
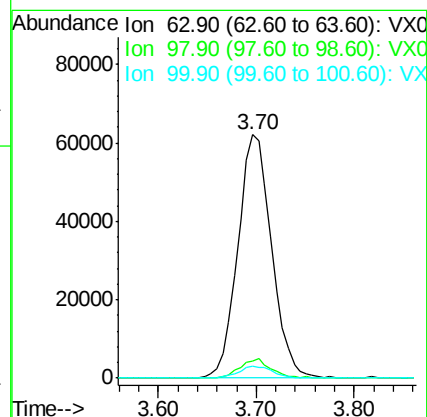
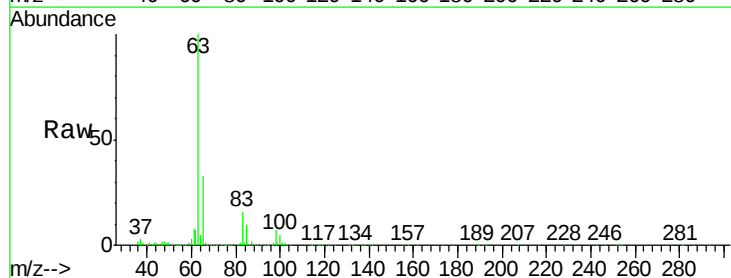
Tgt Ion: 63 Resp: 147833

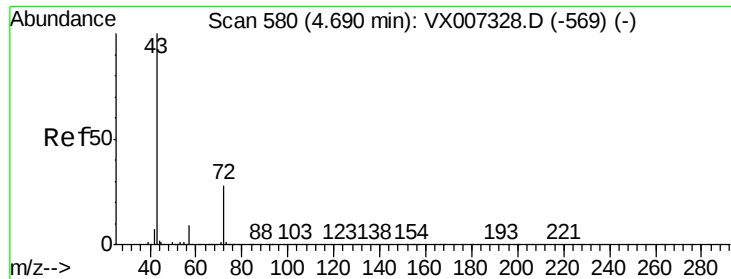
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 105.261 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampled :

VX0211WBS01

Tot Ion: 43 Resp: 339522

Ion Ratio Lower Upper

43 100

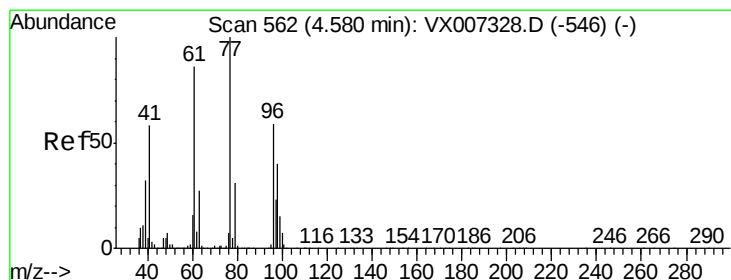
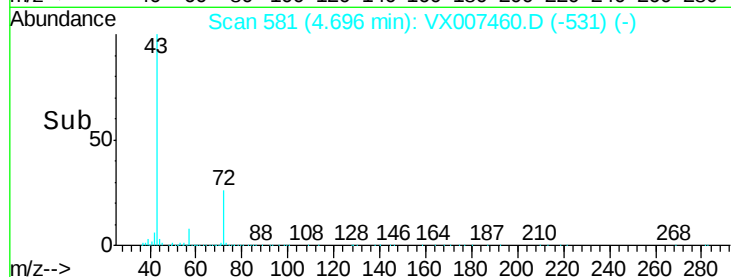
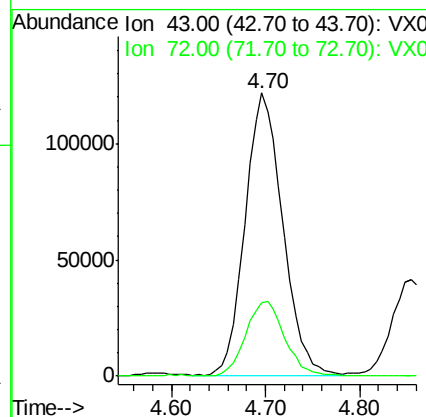
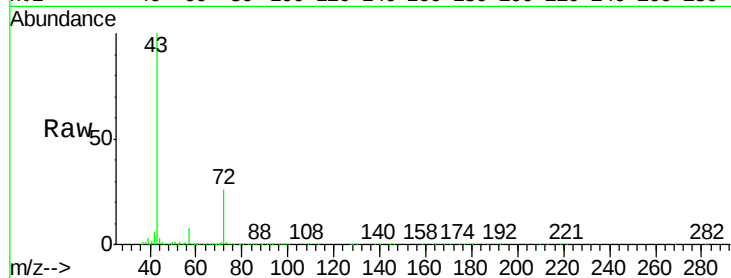
72 25.8 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.668 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007460.D

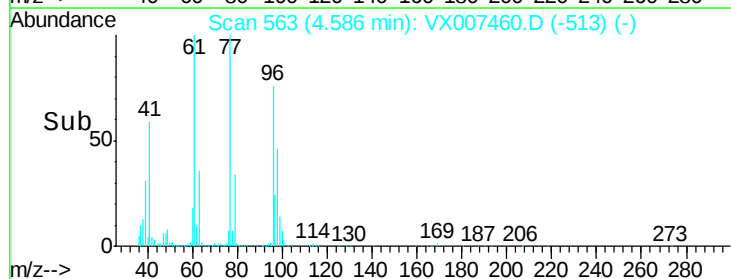
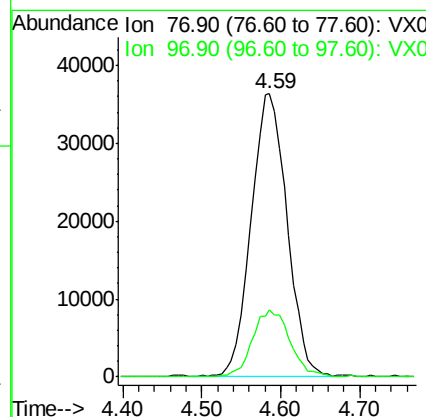
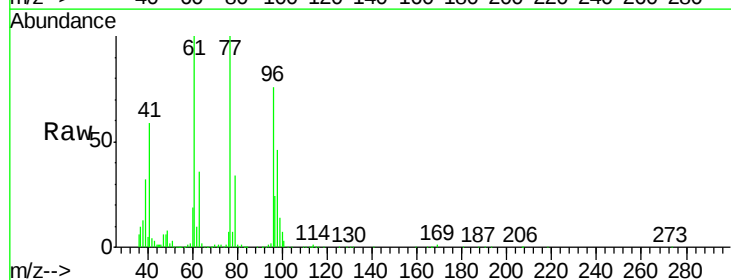
Acq: 11 Feb 2019 11:46

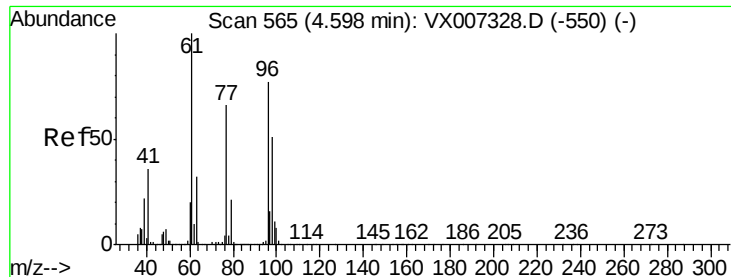
Tgt Ion: 77 Resp: 114746

Ion Ratio Lower Upper

77 100

97 24.8 12.1 36.3





#27

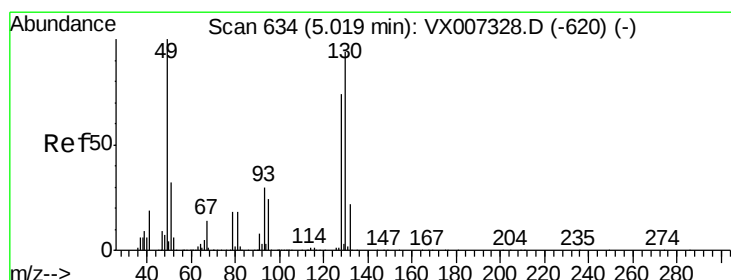
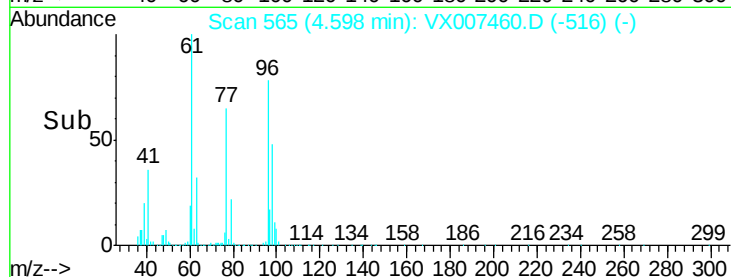
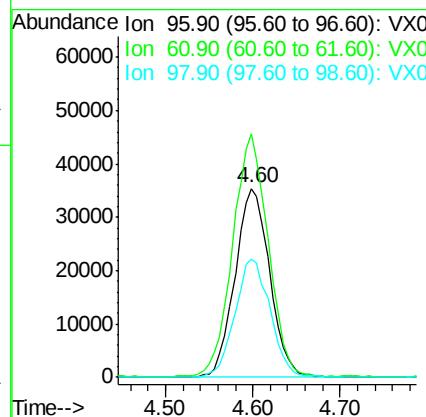
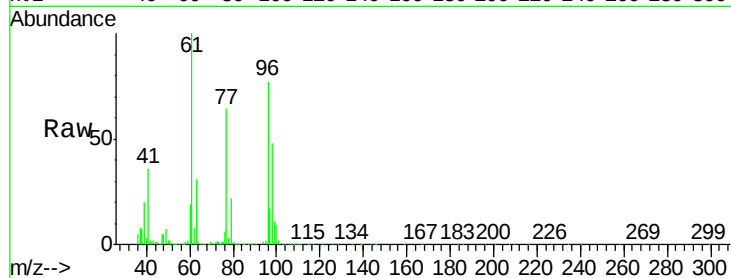
cis-1,2-Dichloroethene
Concen: 18.843 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	265.6
98	63.8	0.0	131.6

Manual Integrations
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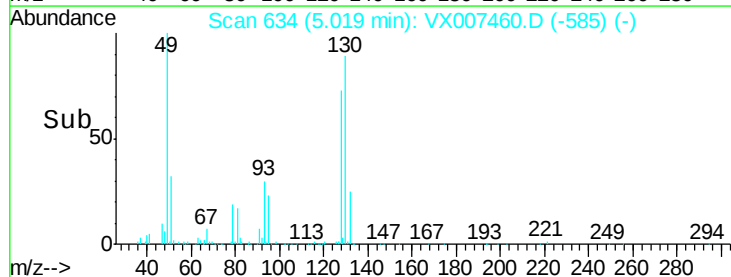
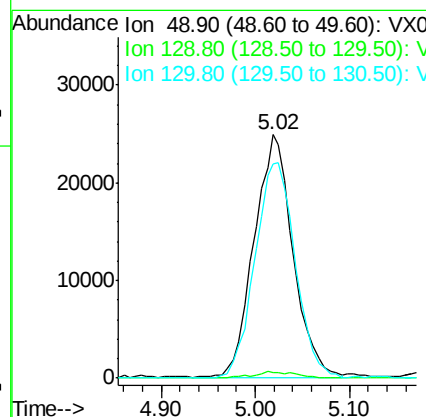
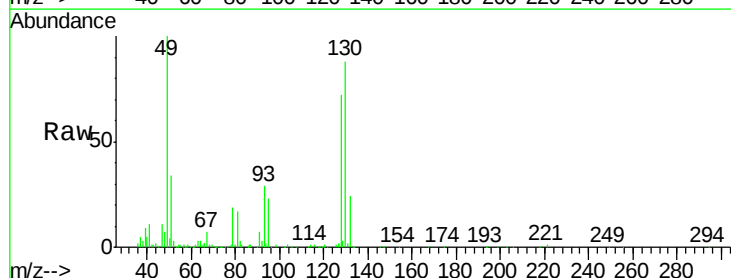
MMDadoda
2/12/2019 12:15:10 PM

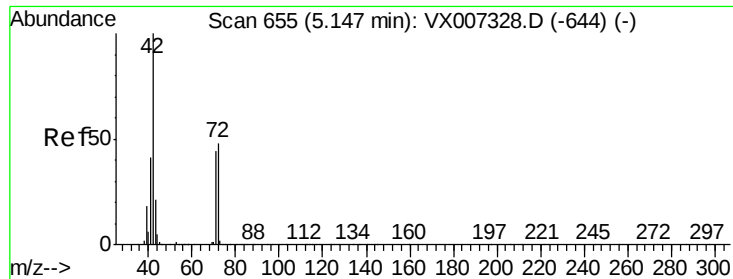


#28

Bromochloromethane
Concen: 20.397 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	92.3	75.6	113.4





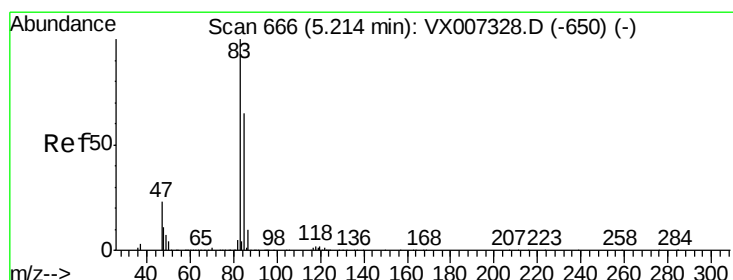
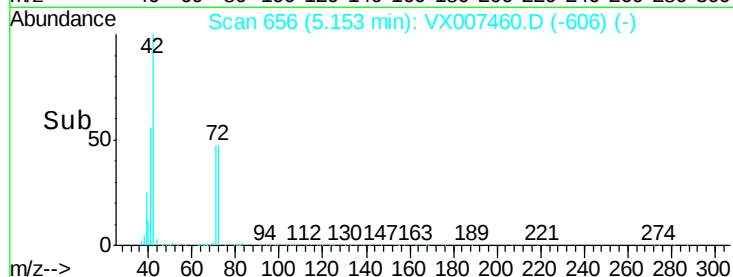
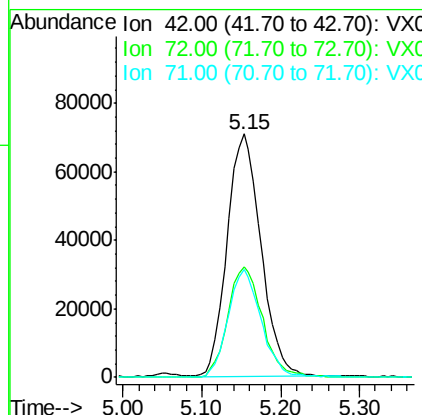
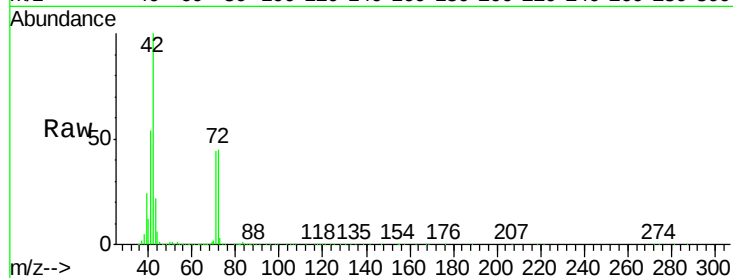
#29
Tetrahydrofuran
Concen: 104.057 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.6	56.4
71	43.9	34.6	51.8

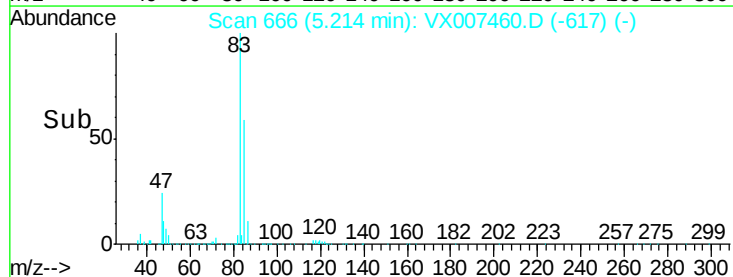
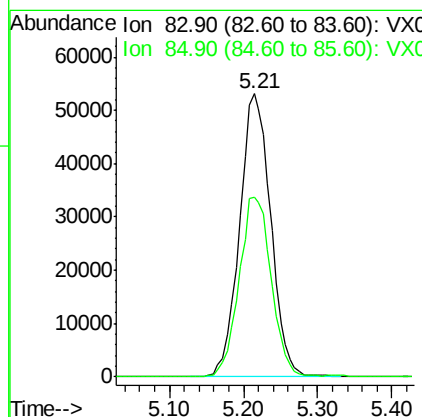
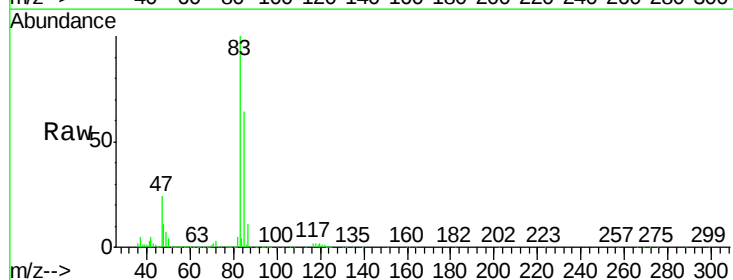
Manual Integrations
APPROVED

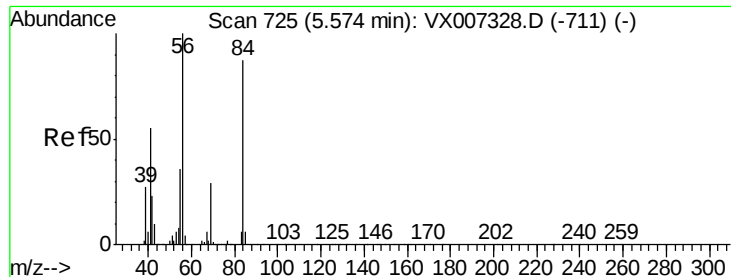
MMDadoda
2/12/2019 12:15:10 PM



#30
Chloroform
Concen: 19.399 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.6	77.4





#31

Cyclohexane

Concen: 18.308 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

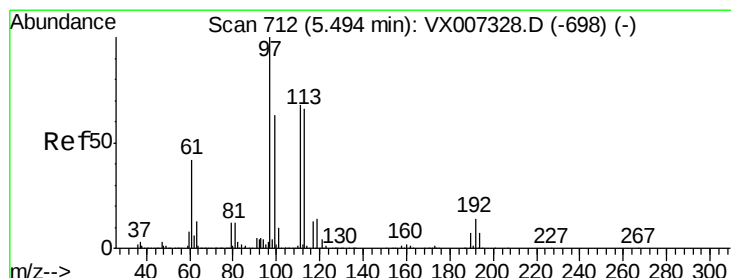
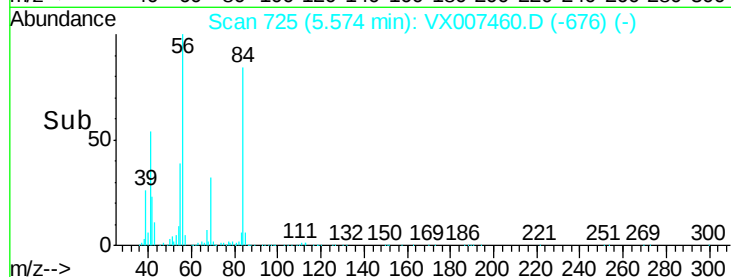
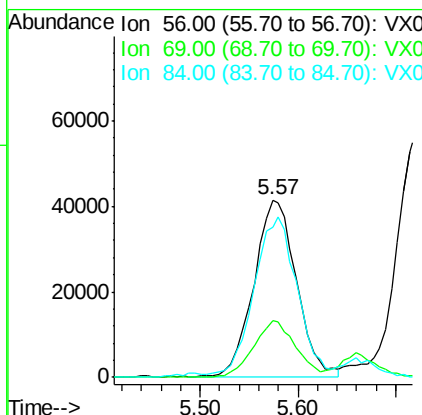
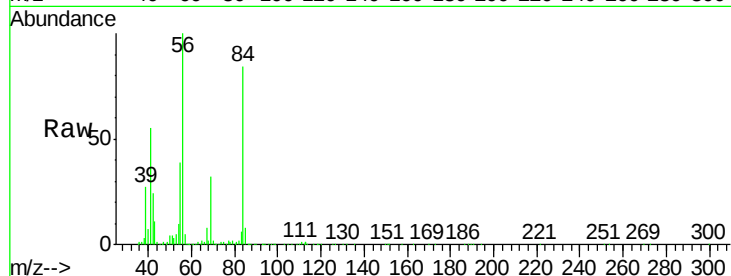
ClientSampleId :

VX0211WBS01

Tot Ion:	56	Resp:	125965
Ion Ratio	Lower	Upper	
56	100		
69	31.7	23.0	34.6
84	82.0	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.789 ug/l

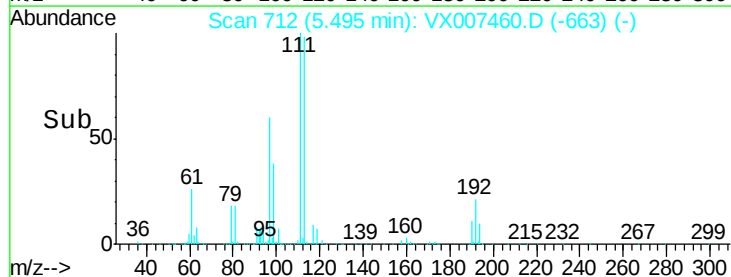
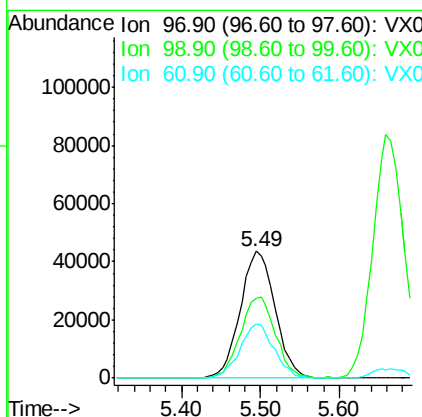
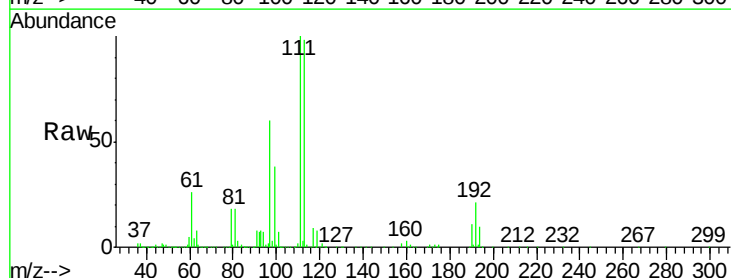
RT: 5.49 min Scan# 712

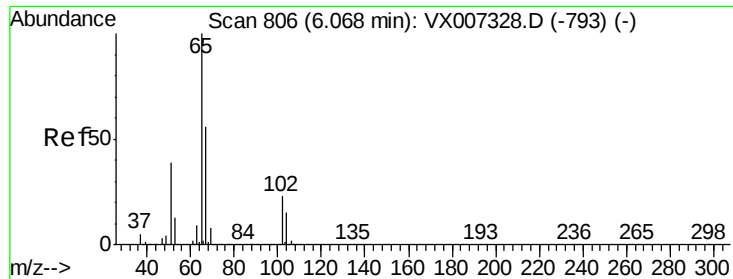
Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion:	97	Resp:	133531
Ion Ratio	Lower	Upper	
97	100		
99	64.3	52.2	78.2
61	41.2	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 50.454 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampled :

VX0211WBS01

Tot Ion: 65 Resp: 249642

Ion Ratio Lower Upper

65 100

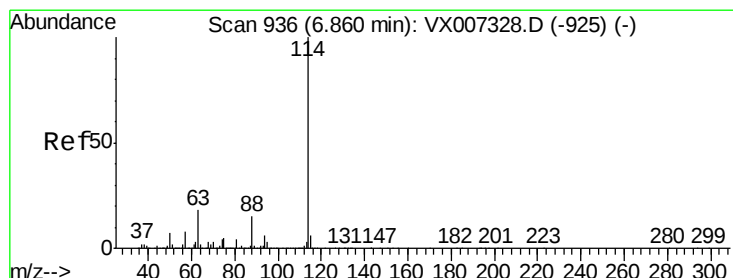
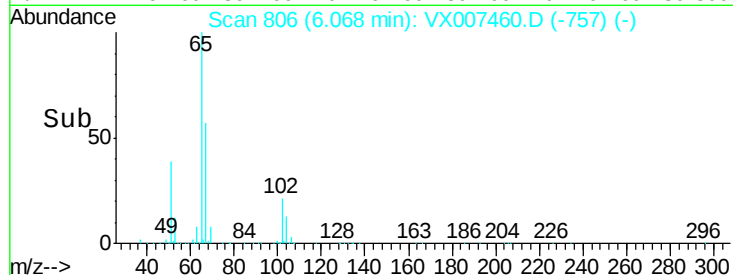
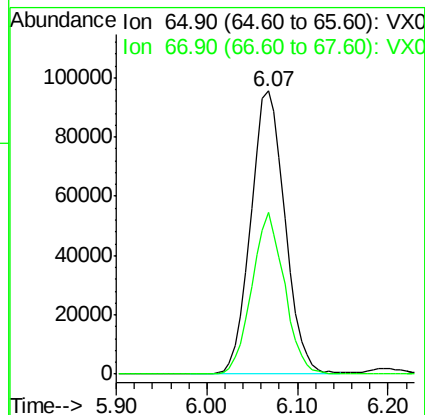
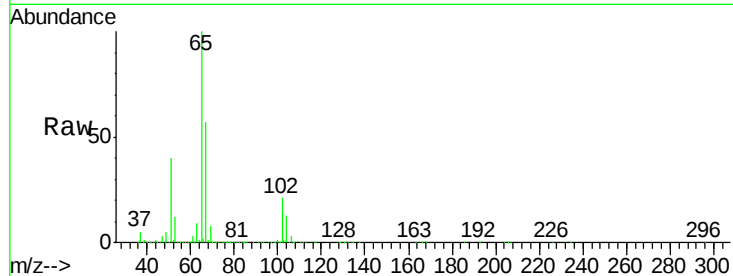
67 54.3 0.0 108.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

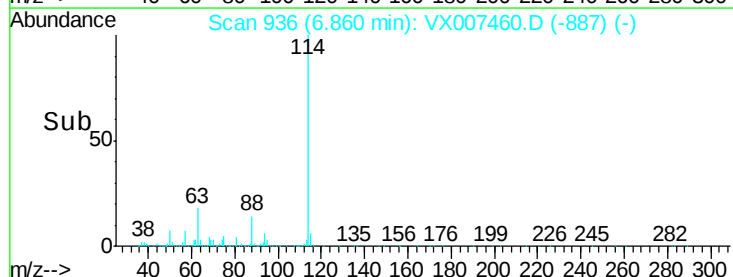
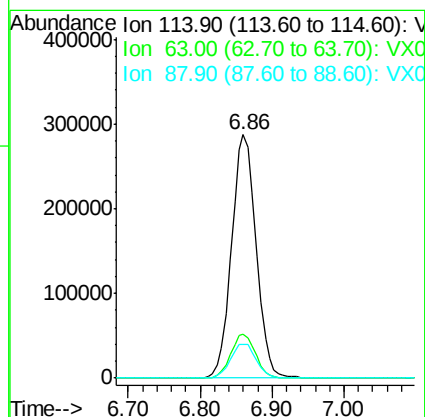
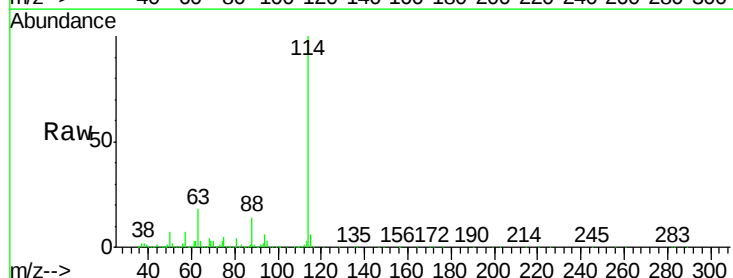
Tgt Ion: 114 Resp: 682707

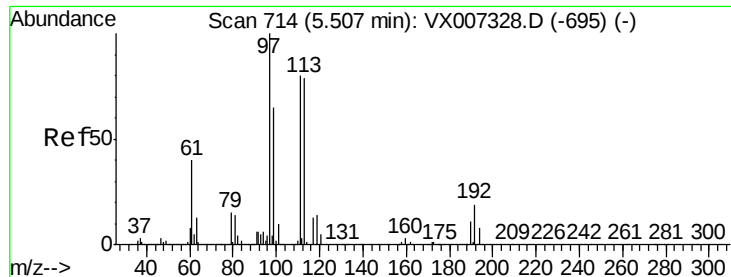
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

88 14.0 0.0 29.6





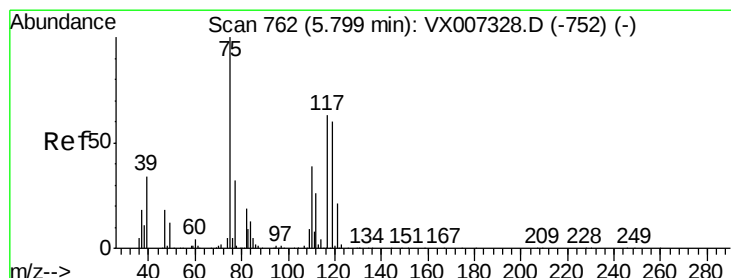
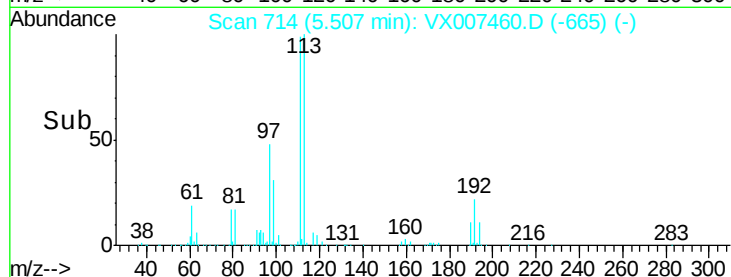
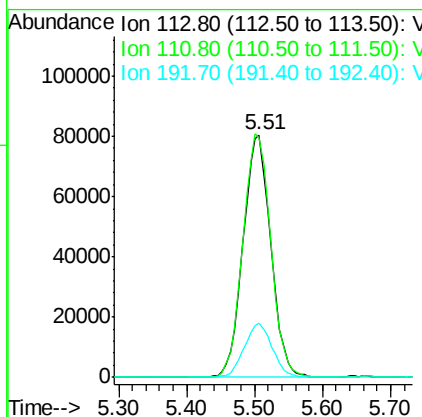
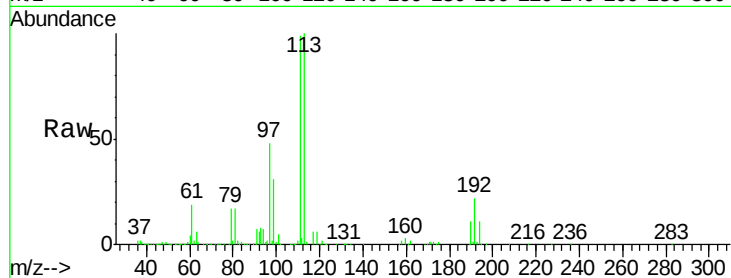
#35
Dibromofluoromethane
Concen: 51.213 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	22.6	18.5	27.7

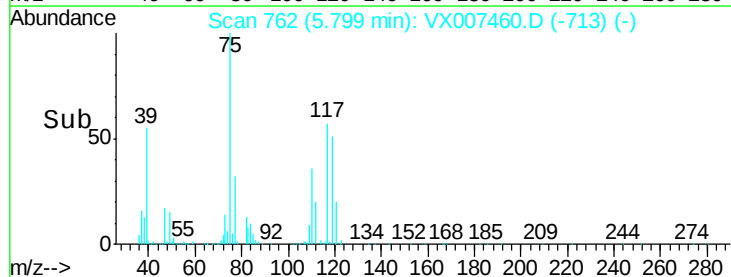
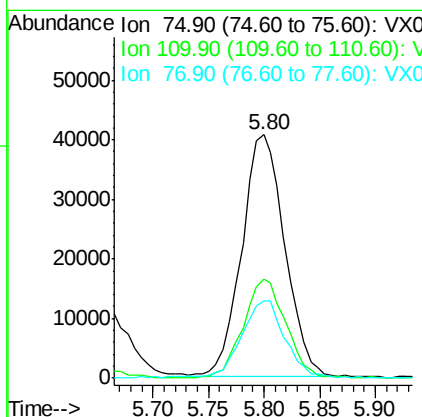
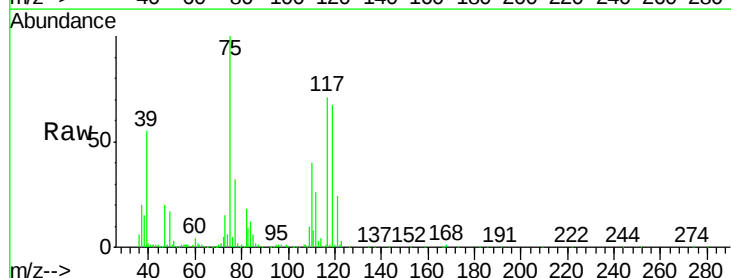
Manual Integrations
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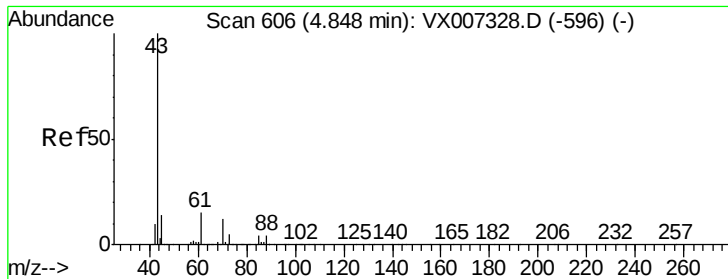
MMDadoda
2/12/2019 12:15:10 PM



#36
1,1-Dichloropropene
Concen: 17.801 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.7	20.0	59.9
77	31.9	24.7	37.1





#37

Ethyl Acetate

Concen: 19.535 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

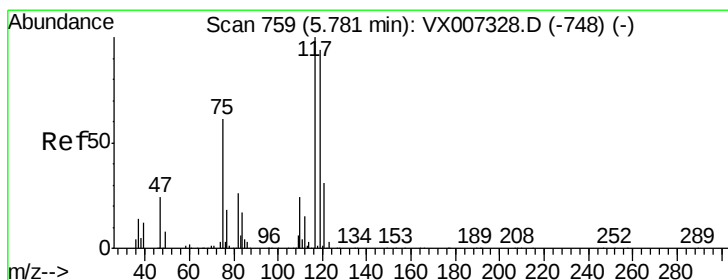
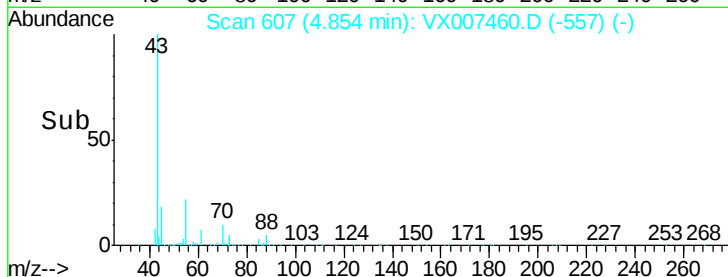
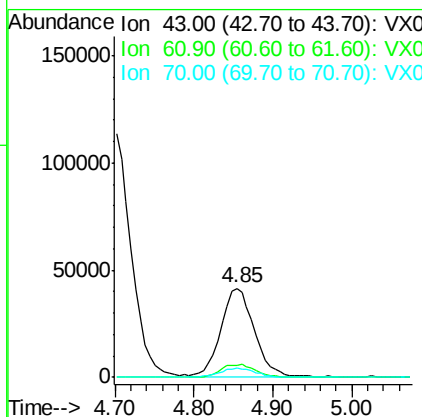
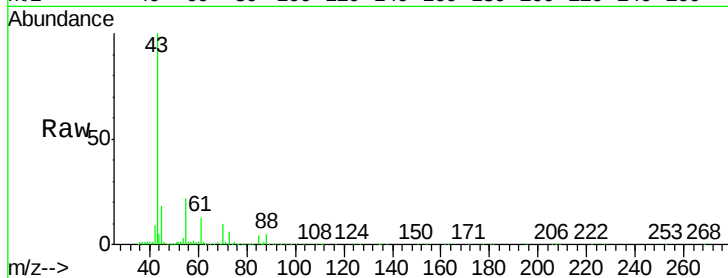
ClientSampleId :

VX0211WBS01

Tot Ion:	43	Resp:	120960
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.3	16.9
70	10.8	8.6	13.0

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.809 ug/l

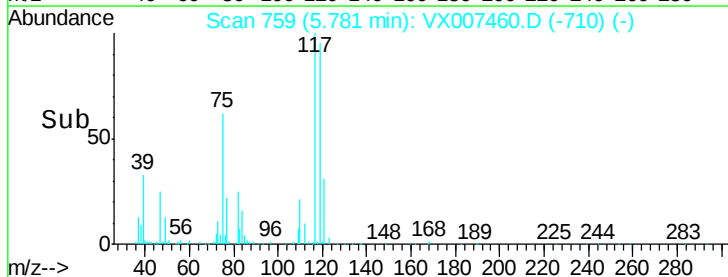
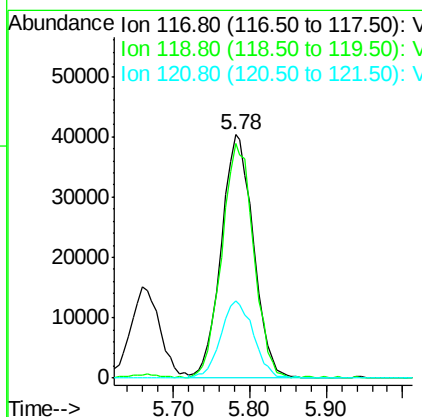
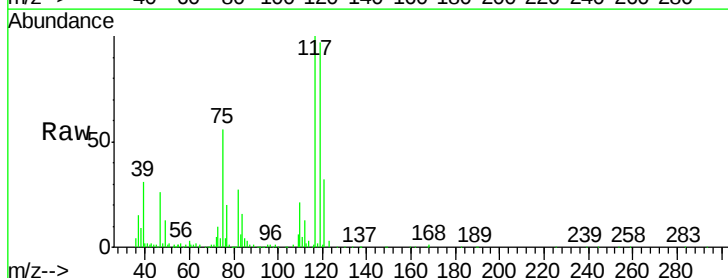
RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion:	117	Resp:	117717
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.3	112.9
121	31.6	25.0	37.4





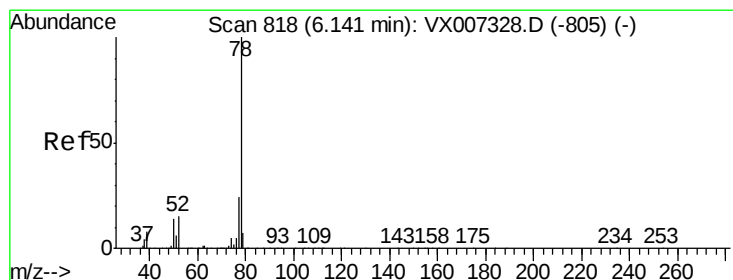
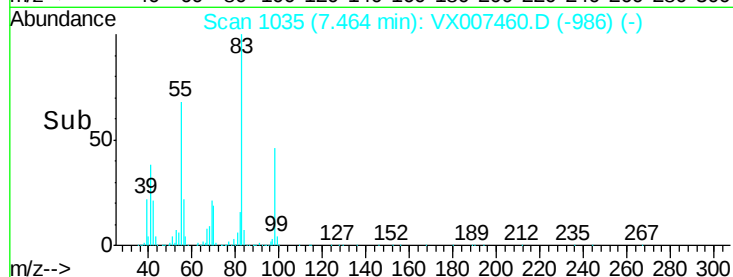
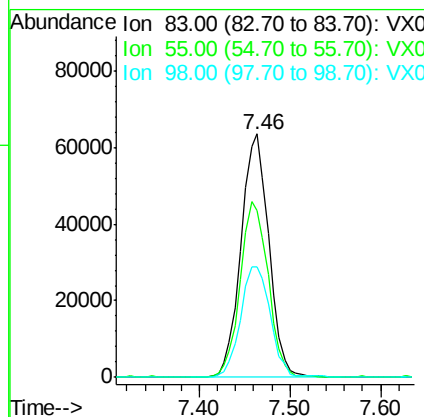
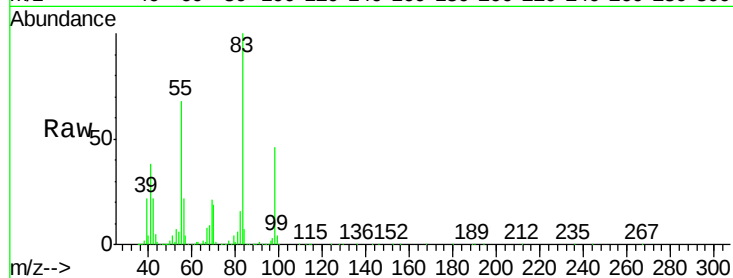
#39
Methvlcvclohexane
Concen: 18.302 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.4	56.2	84.2
98	45.5	36.8	55.2

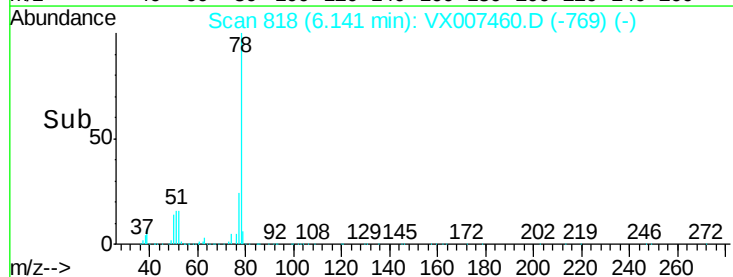
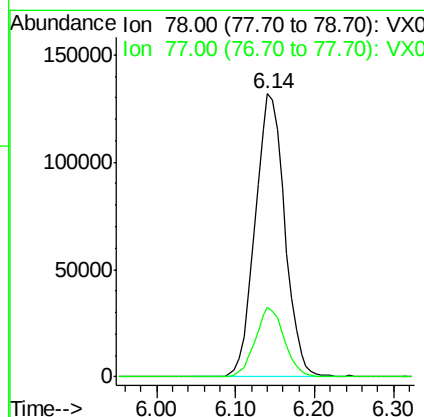
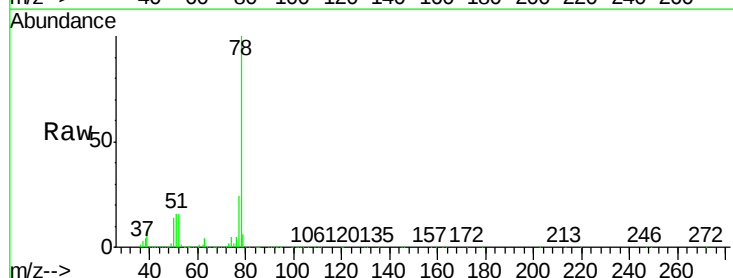
Manual Integrations
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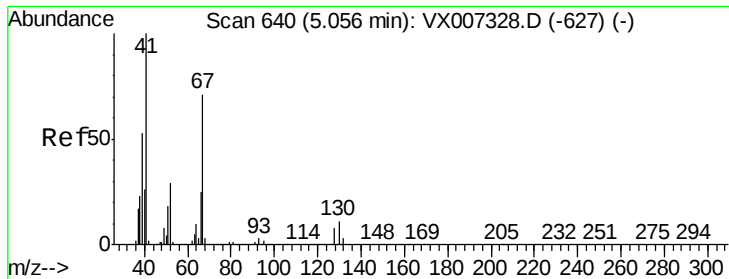
MMDadoda
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#40
Benzene
Concen: 19.079 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9





#41

Methacrylonitrile

Concen: 19.770 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

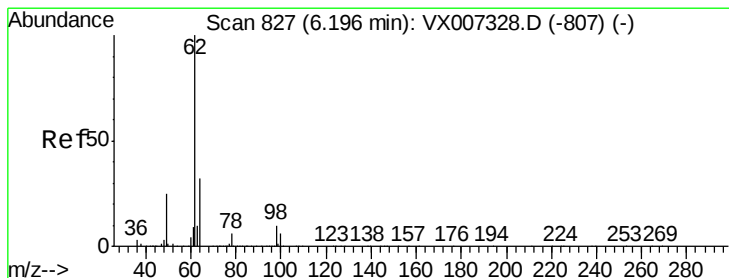
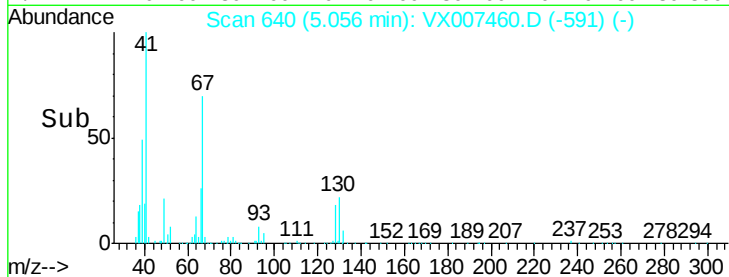
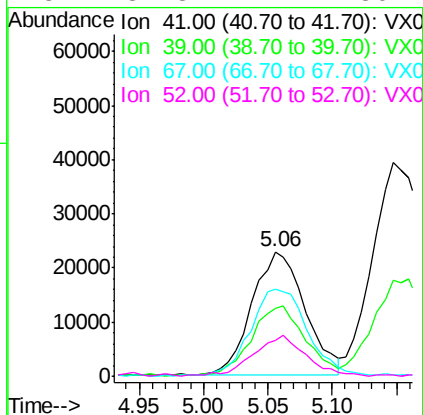
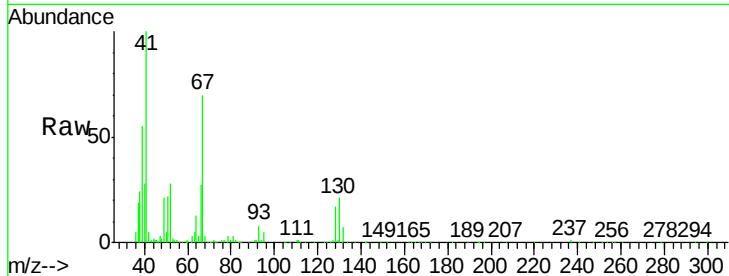
ClientSampleId :

VX0211WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	44.5	66.7	
67	76.1	60.4	90.6	
52	31.8	24.1	36.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.830 ug/l

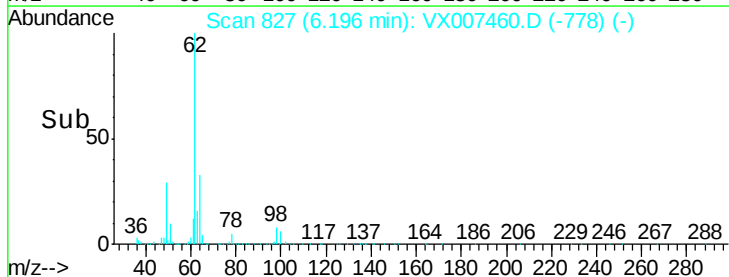
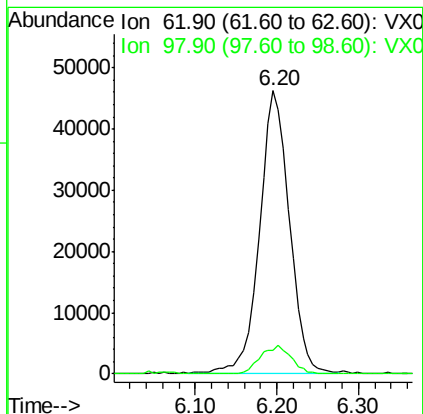
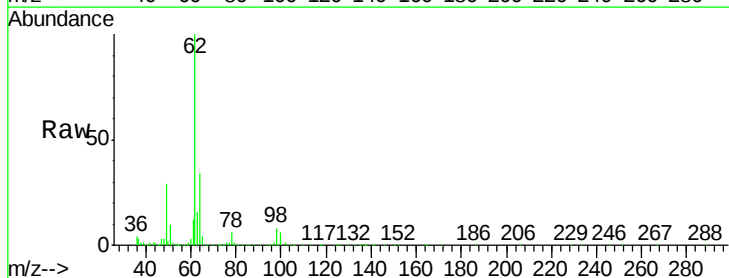
RT: 6.20 min Scan# 827

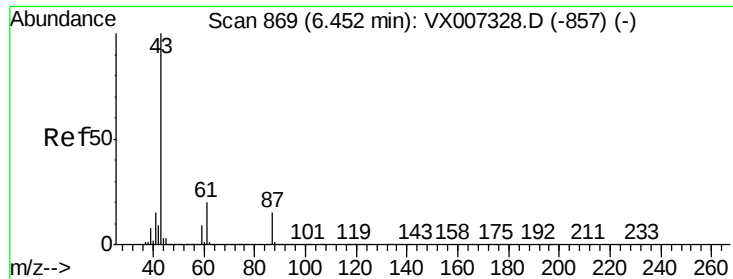
Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.0	





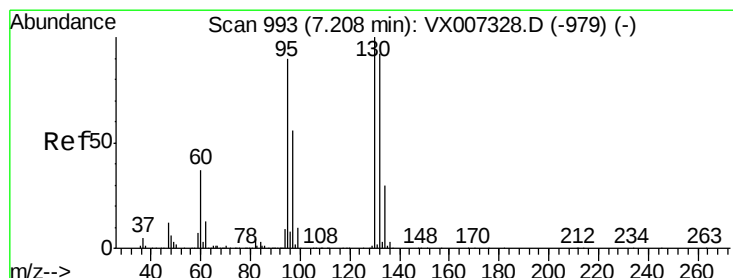
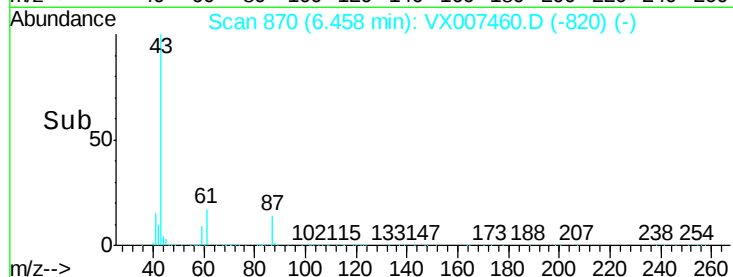
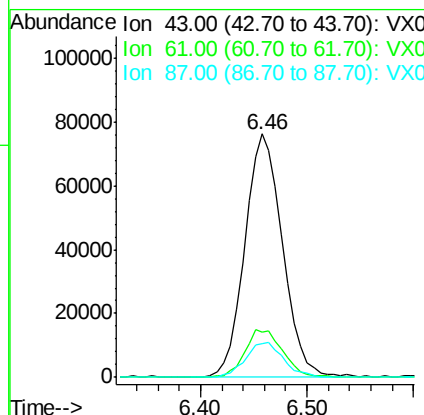
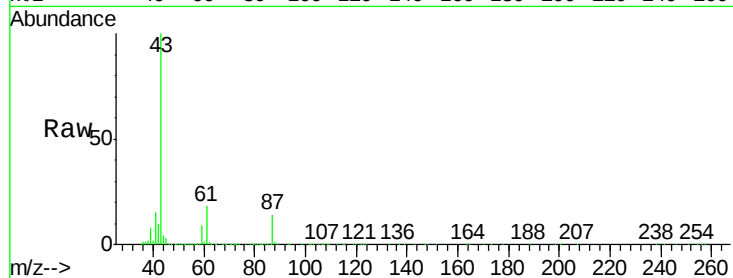
#43
Isopropyl Acetate
Concen: 19.783 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleID :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.1	24.1
87	14.6	11.5	17.3

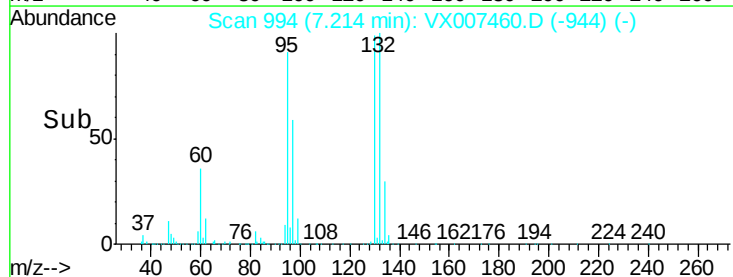
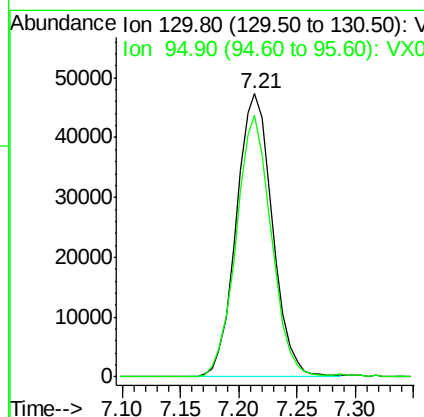
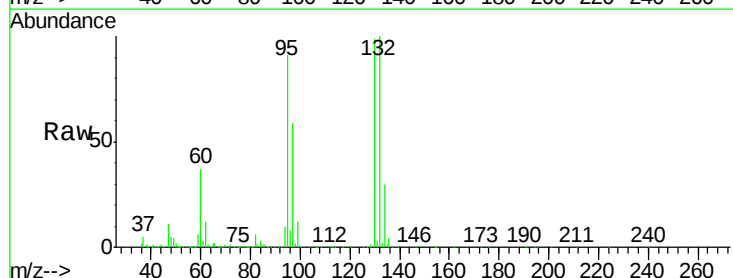
Manual Integrations
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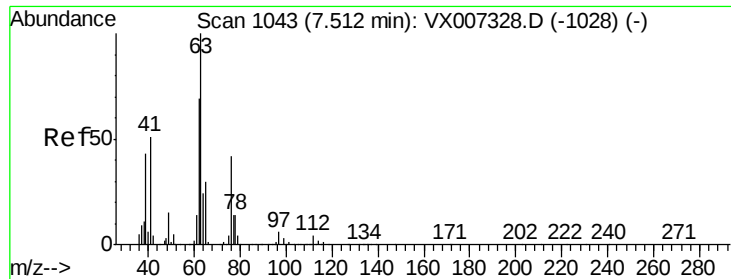
MMDadoda
2/12/2019 12:15:10 PM



#44
Trichloroethene
Concen: 18.800 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 18.878 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 63 Resp: 85348

Ion Ratio Lower Upper

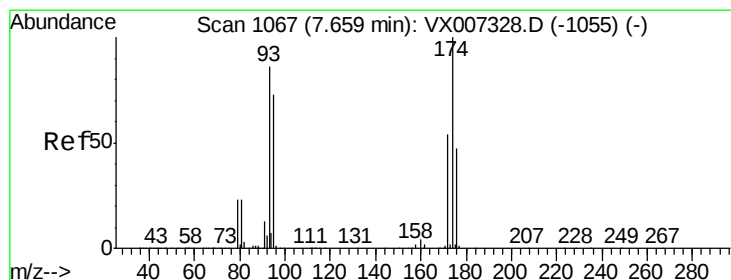
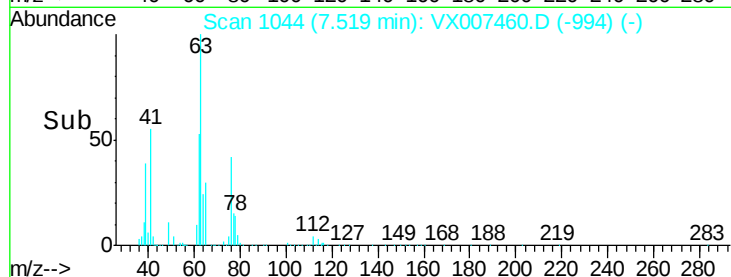
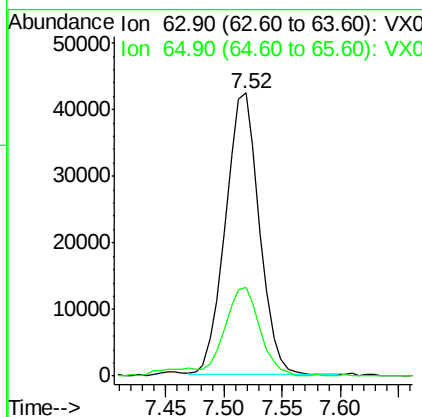
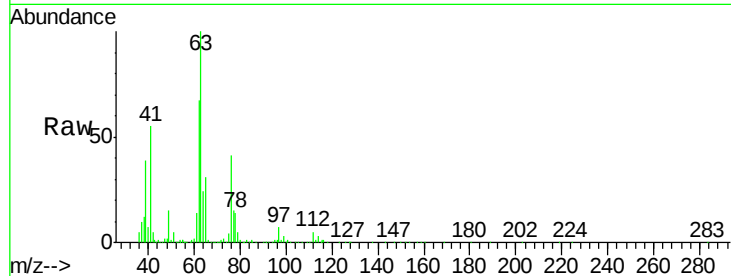
63 100

65 31.1 24.2 36.2

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#46

Dibromomethane

Concen: 18.509 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

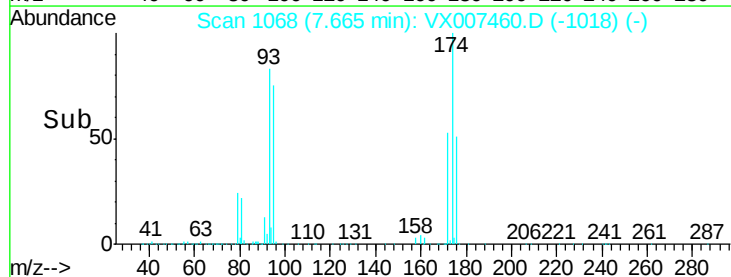
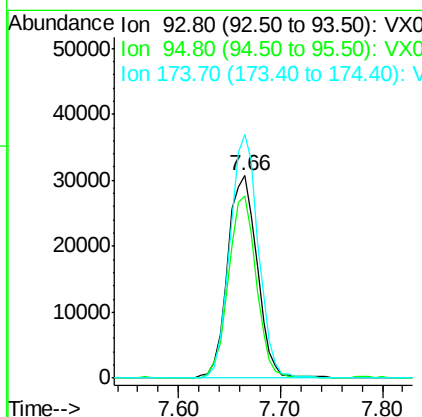
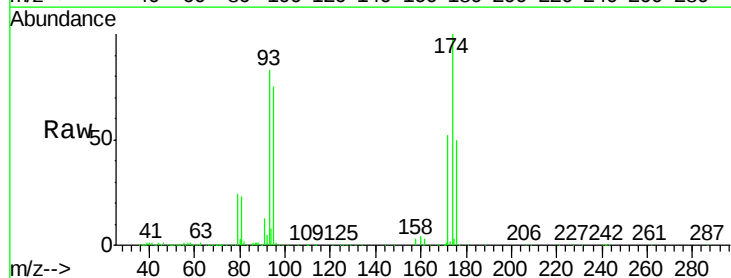
Tgt Ion: 93 Resp: 60817

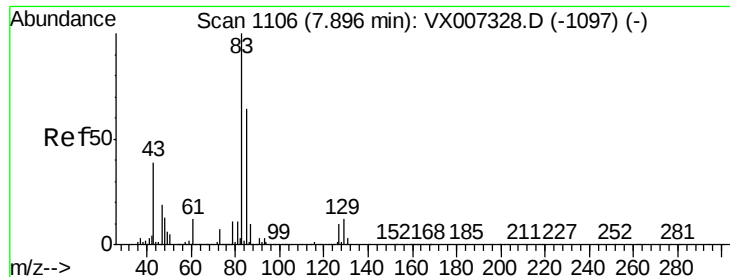
Ion Ratio Lower Upper

93 100

95 85.3 67.6 101.4

174 116.6 94.2 141.4





#47

Bromodichloromethane

Concen: 19.536 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

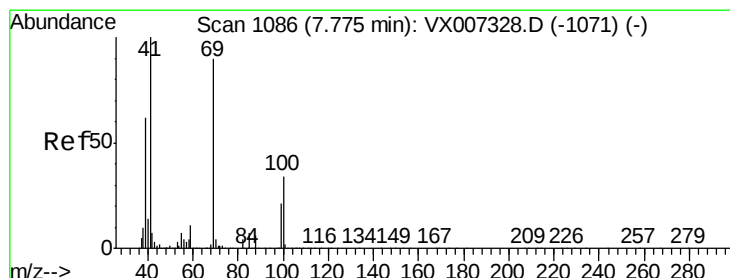
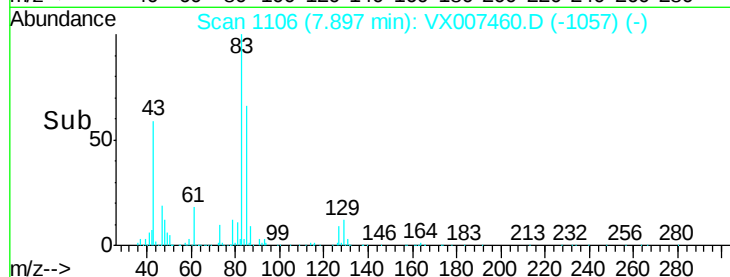
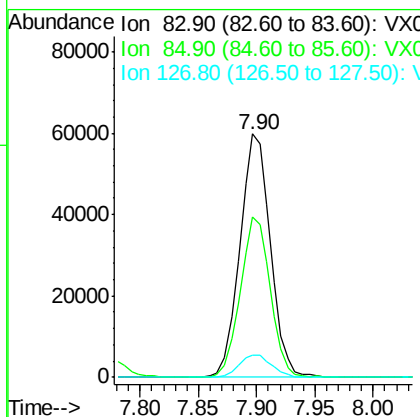
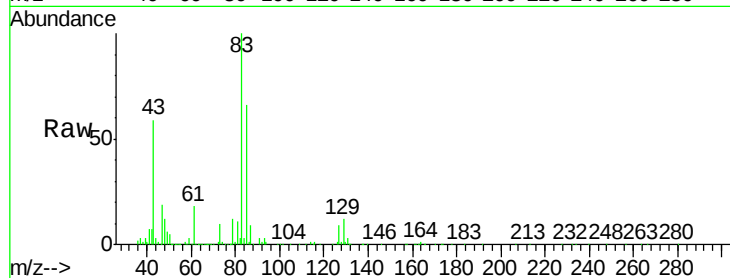
ClientSampleId :

VX0211WBS01

Tot Ion:	83	Resp:	108791
Ion Ratio	Lower	Upper	
83	100		
85	65.9	51.4	77.0
127	8.9	8.1	12.1

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#48

Methyl methacrylate

Concen: 20.517 ug/l

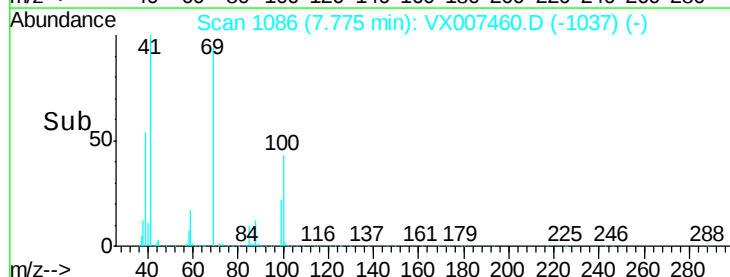
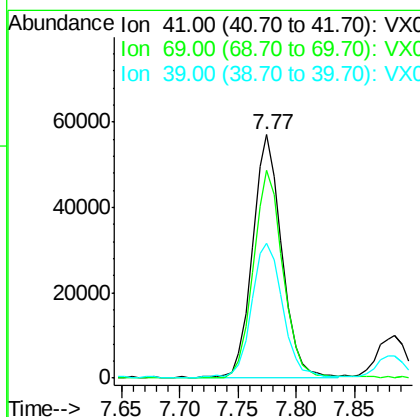
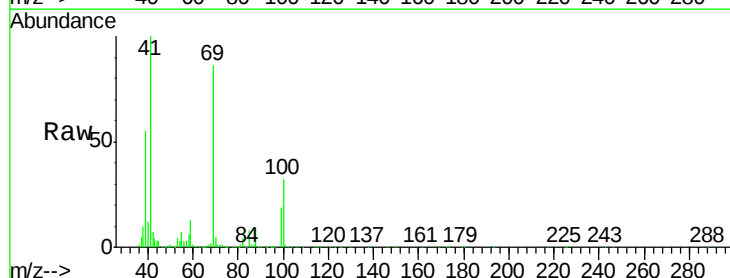
RT: 7.77 min Scan# 1086

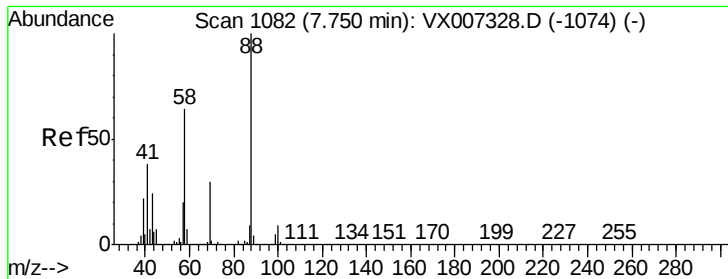
Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion:	41	Resp:	98084
Ion Ratio	Lower	Upper	
41	100		
69	88.1	70.2	105.4
39	59.1	47.4	71.0





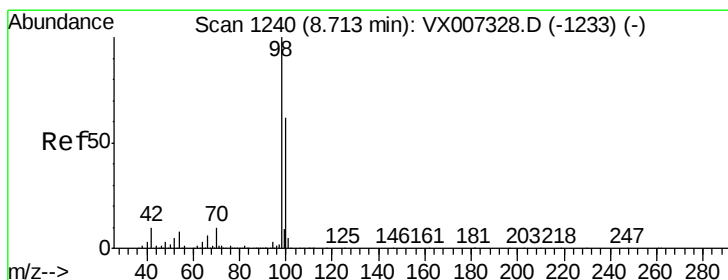
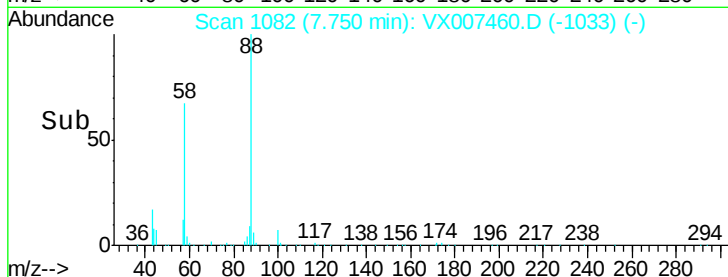
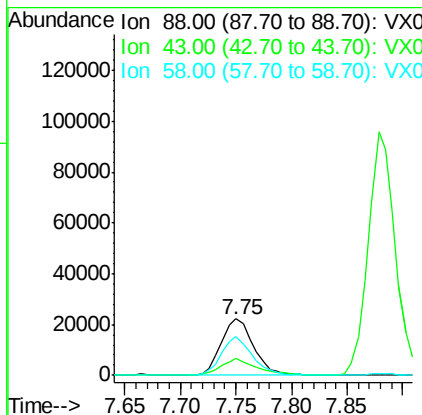
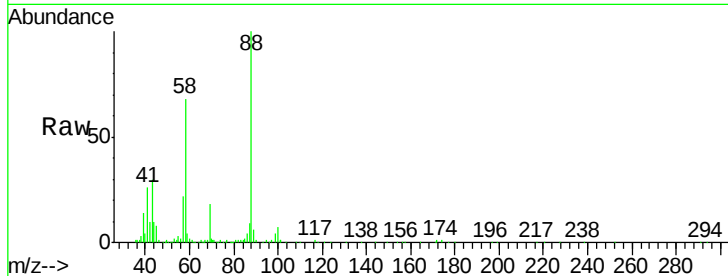
#49
1,4-Dioxane
Concen: 419.658 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	24.2	36.4
58	64.0	53.0	79.4

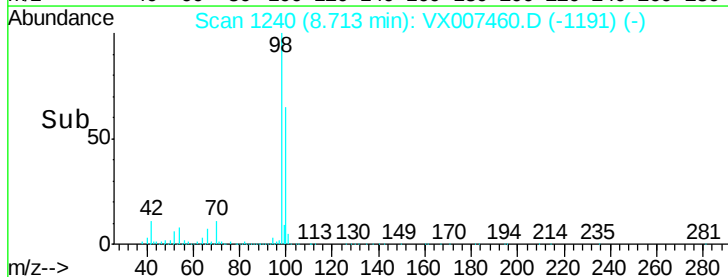
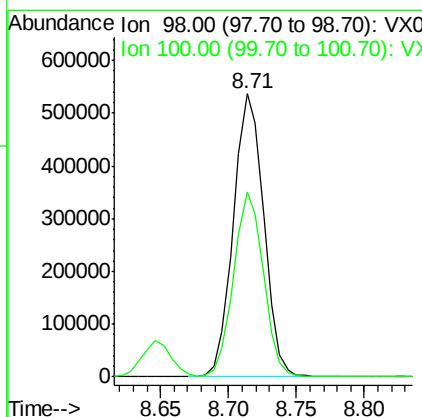
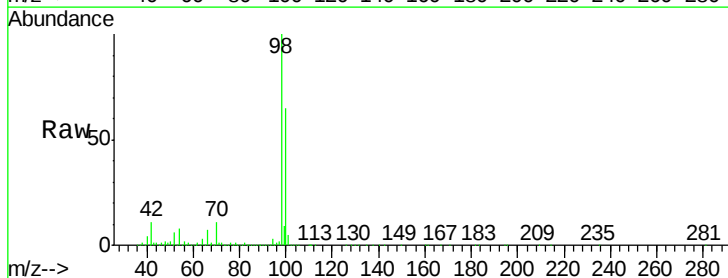
Manual Integrations
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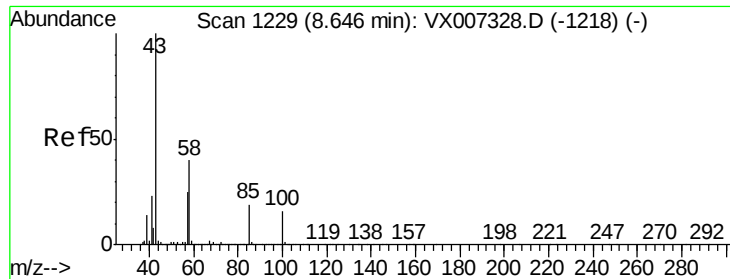
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#50
Toluene-d8
Concen: 50.657 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





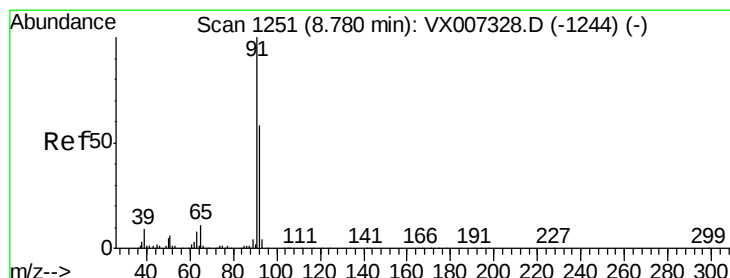
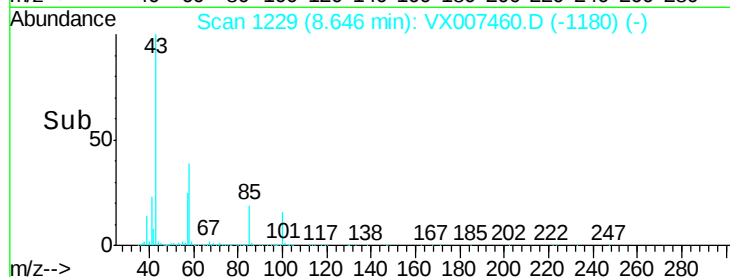
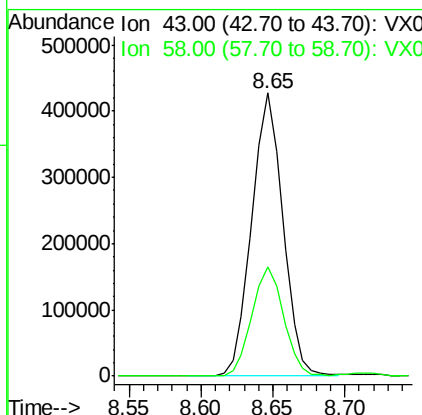
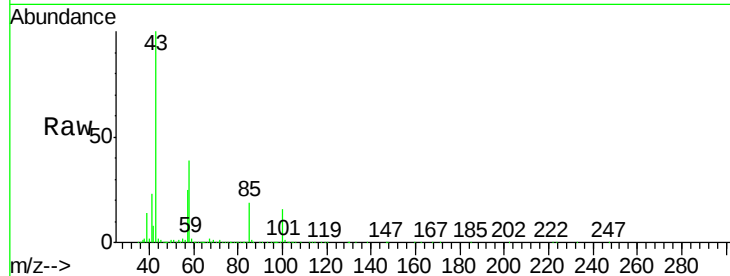
#51
4-Methyl-2-Pentanone
Concen: 101.637 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8

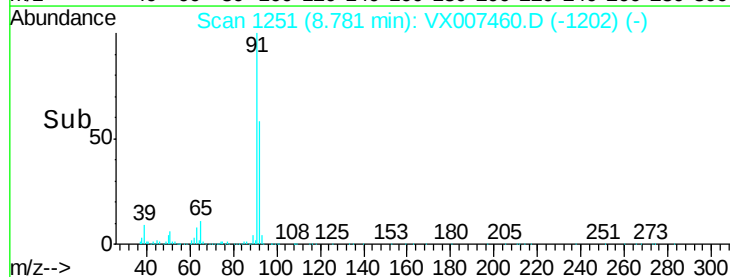
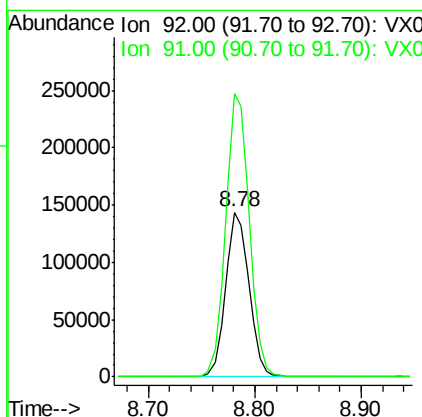
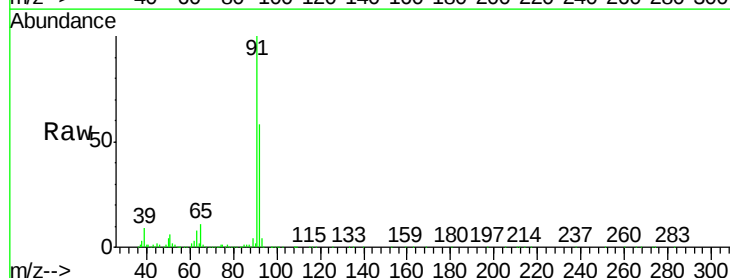
Manual Integrations
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#52
Toluene
Concen: 18.966 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.0	139.1	208.7





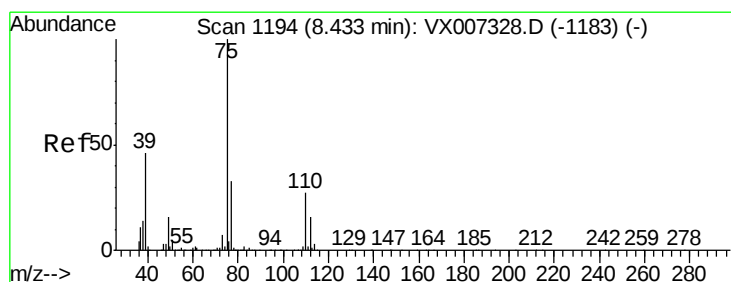
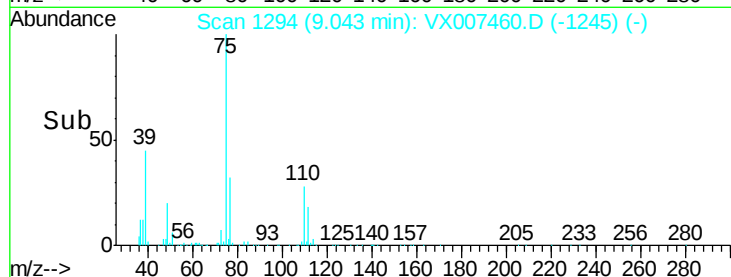
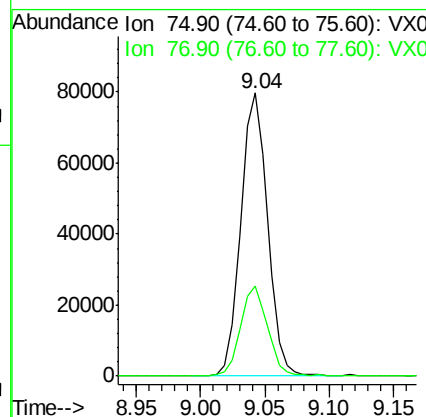
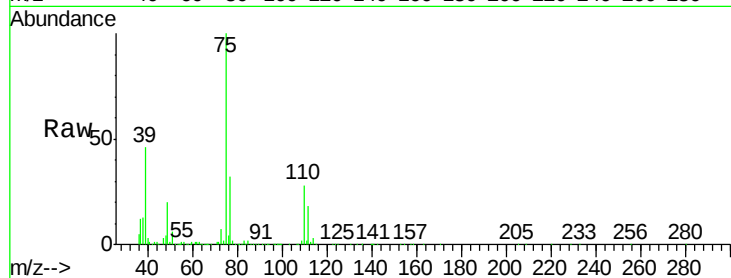
#53
t-1,3-Dichloropropene
Concen: 19.244 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.2	37.8

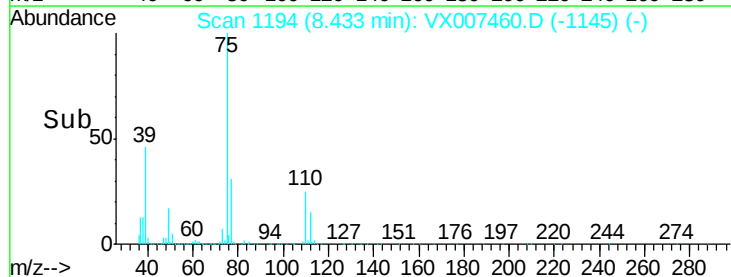
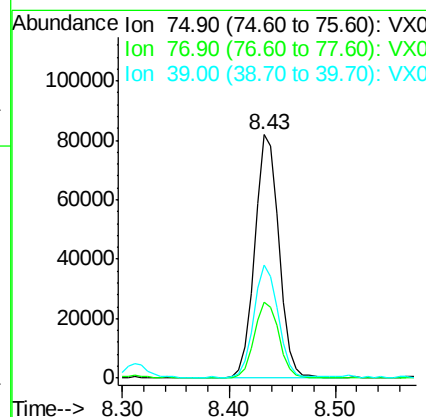
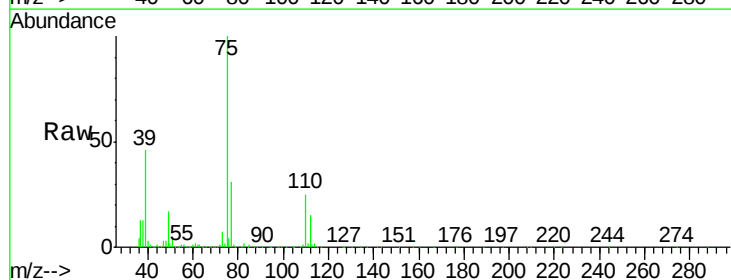
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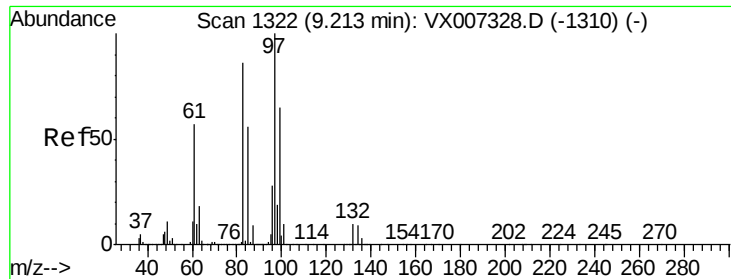
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.905 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.4
39	46.0	37.1	55.7





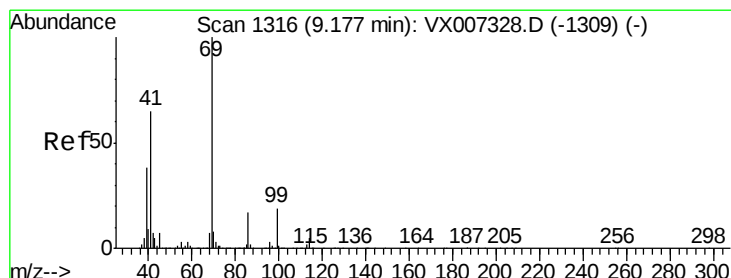
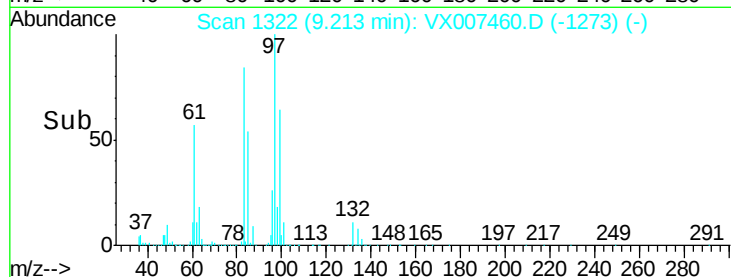
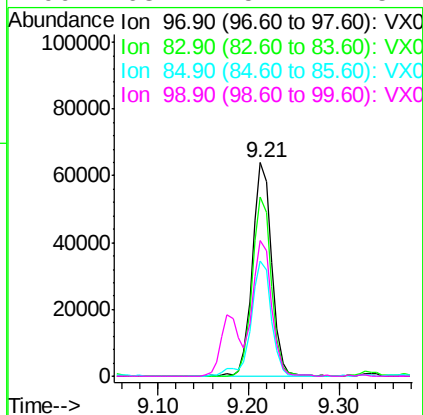
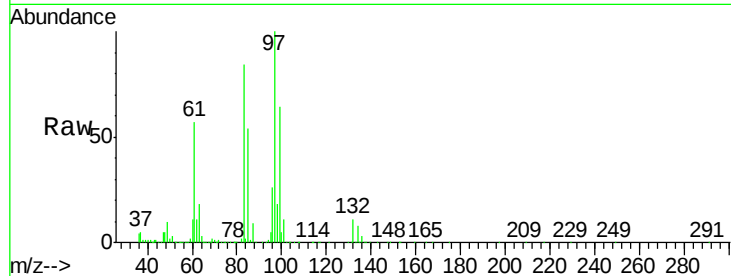
#55
 1,1,2-Trichloroethane
 Concen: 19.421 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX0211WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		94248		
83	83.6	68.6	102.8		
85	53.9	44.5	66.7		
99	63.7	52.2	78.4		

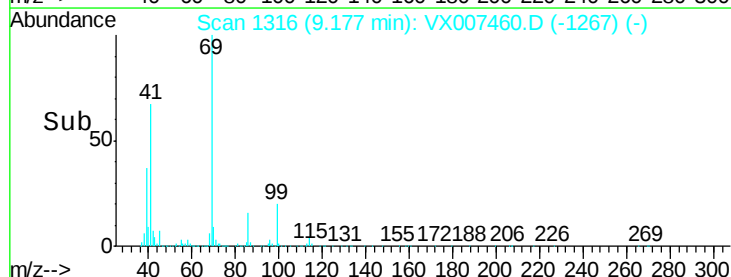
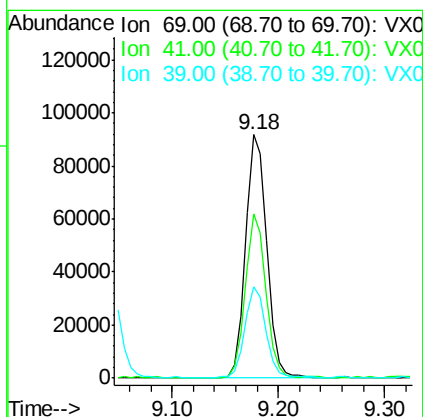
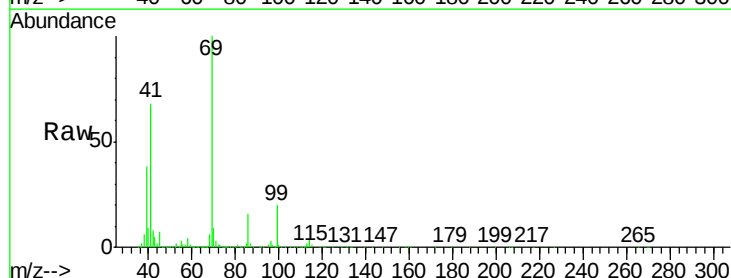
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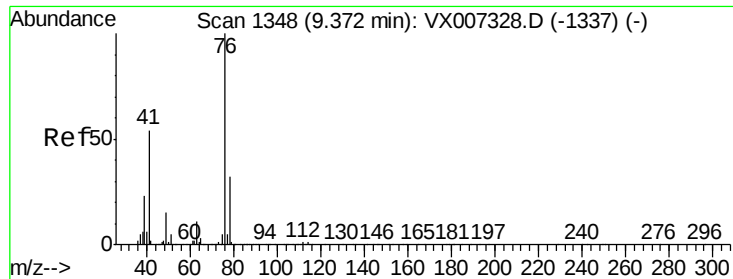
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#56
 Ethyl methacrylate
 Concen: 19.174 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		128873		
41	66.3	52.1	78.1		
39	36.6	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 19.668 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 76 Resp: 151786

Ion Ratio Lower Upper

76 100

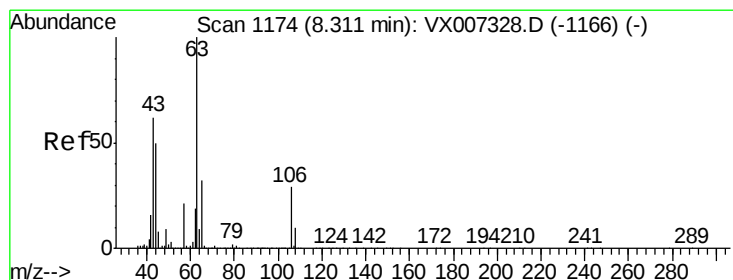
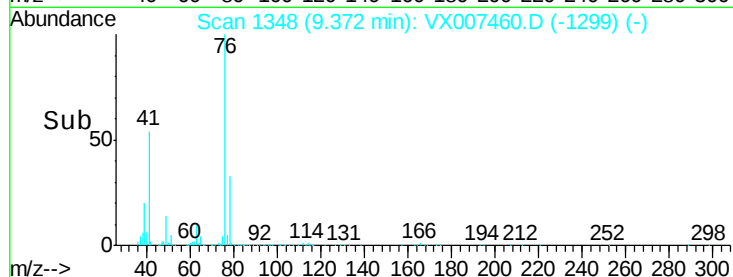
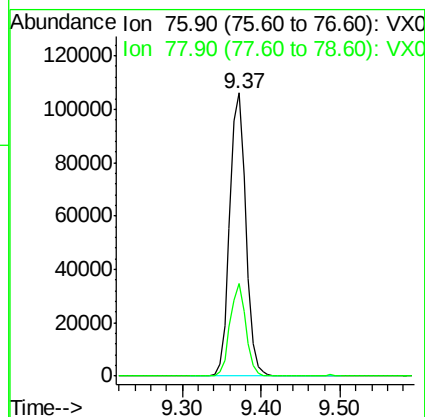
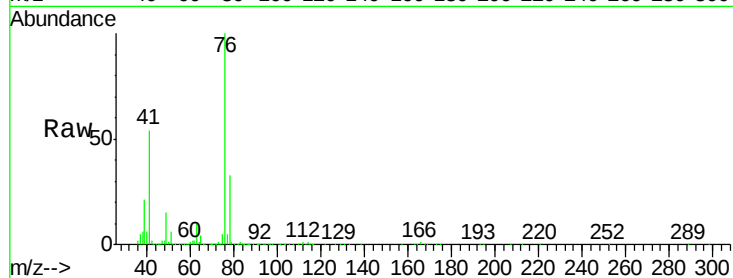
78 31.8 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 98.764 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007460.D

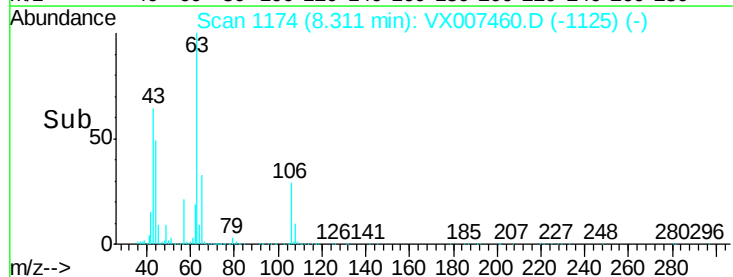
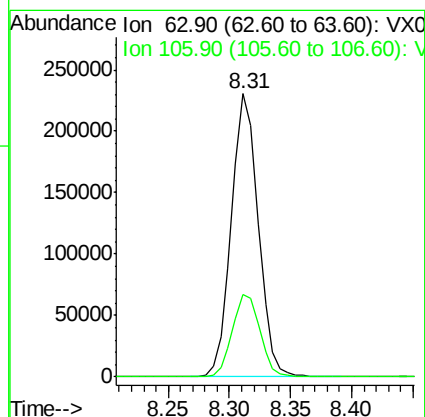
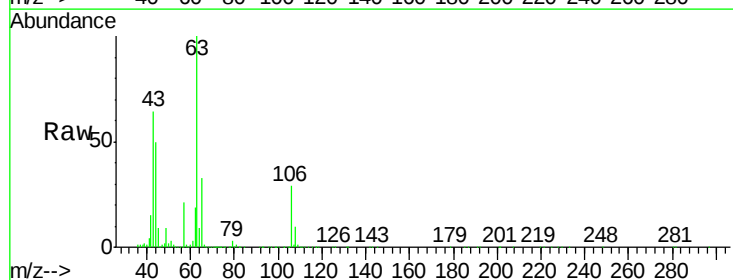
Acq: 11 Feb 2019 11:46

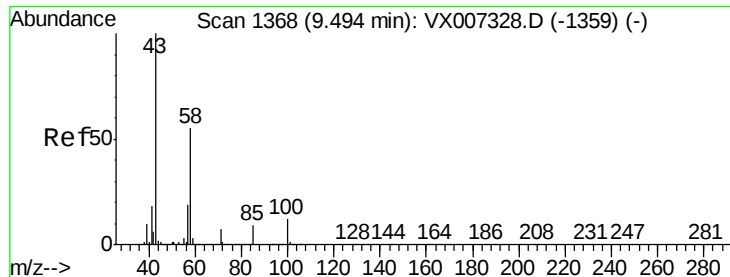
Tgt Ion: 63 Resp: 349882

Ion Ratio Lower Upper

63 100

106 30.0 23.6 35.4





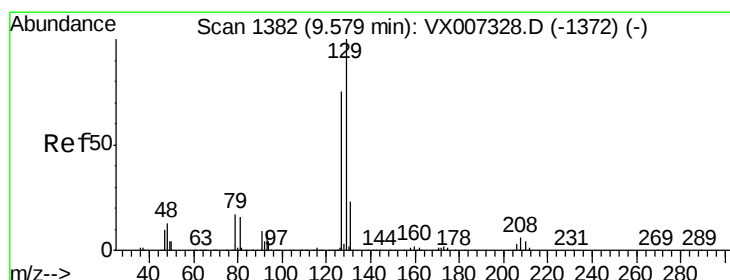
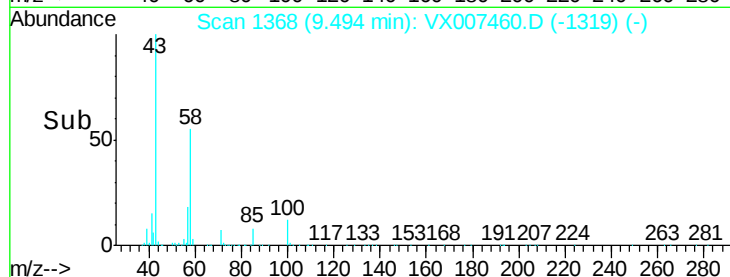
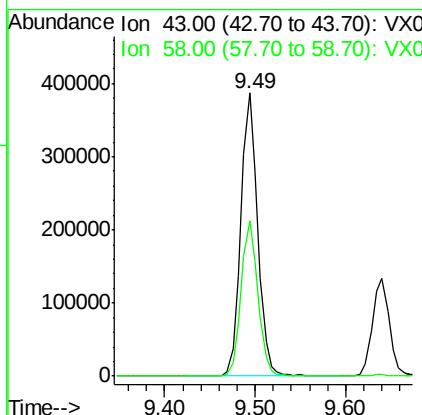
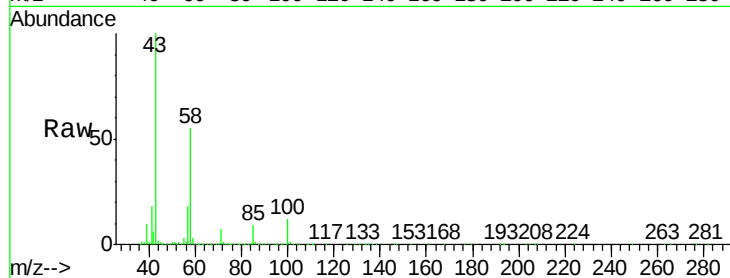
#59
2-Hexanone
Concen: 101.740 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampled :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	27.1	81.3

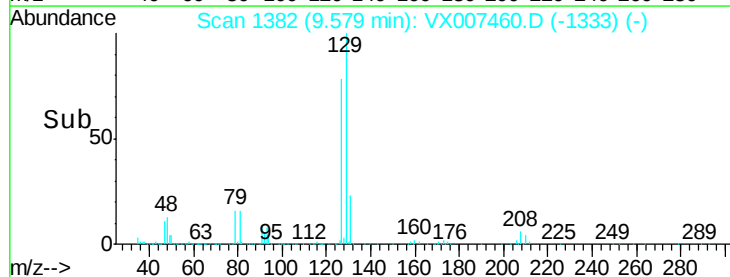
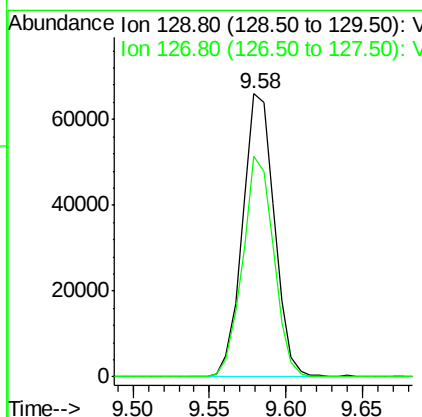
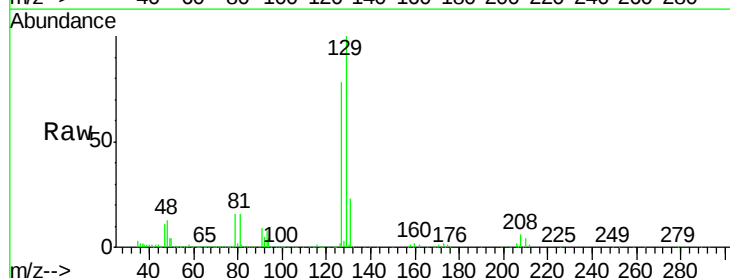
Manual Integrations
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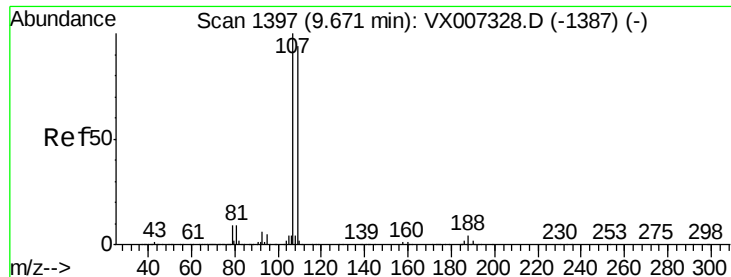
MMDadoda
2/12/2019 12:15:10 PM



#60
Dibromochloromethane
Concen: 20.728 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	37.8	113.4





#61

1,2-Dibromoethane

Concen: 19.760 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 107 Resp: 101550

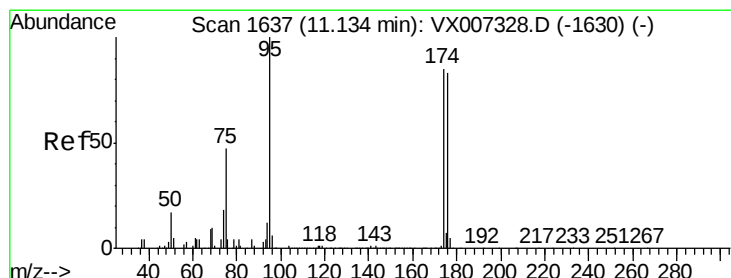
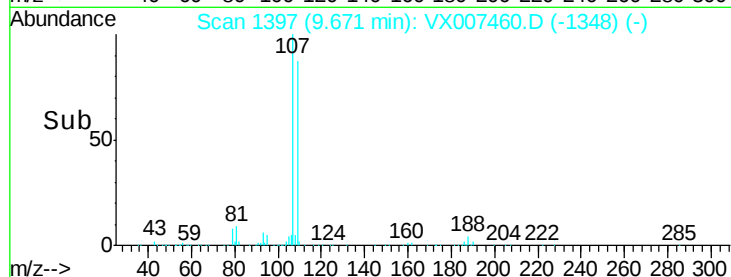
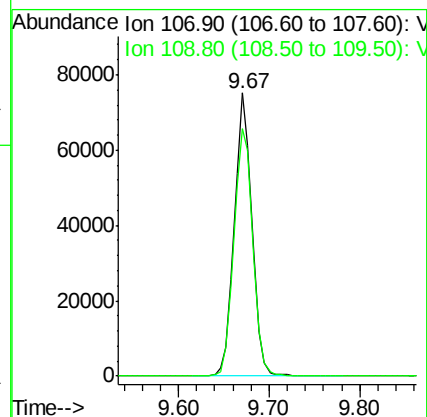
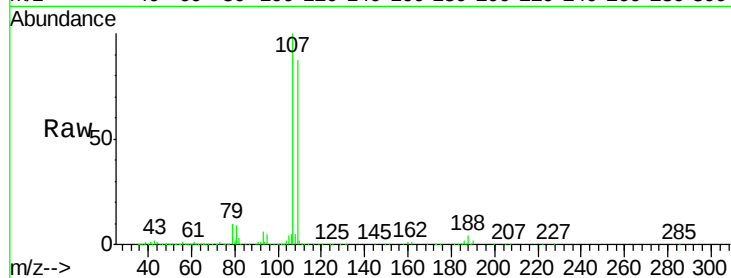
Ion Ratio Lower Upper

107 100

109 92.5 75.1 112.7

Manual Integrations
APPROVED

MMDadoda
2/12/2019 12:15:10 PM



#62

4-Bromofluorobenzene

Concen: 48.452 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

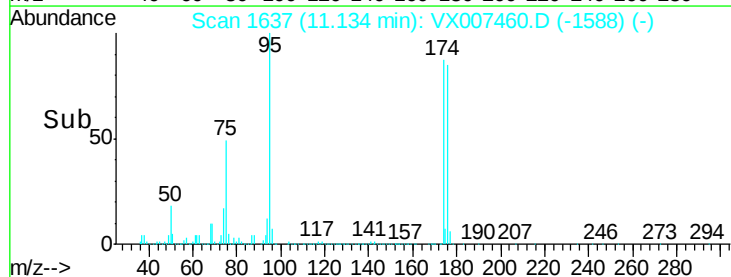
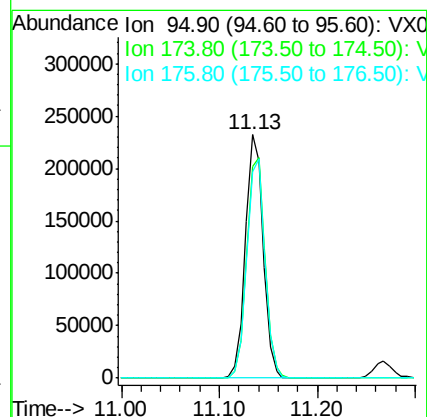
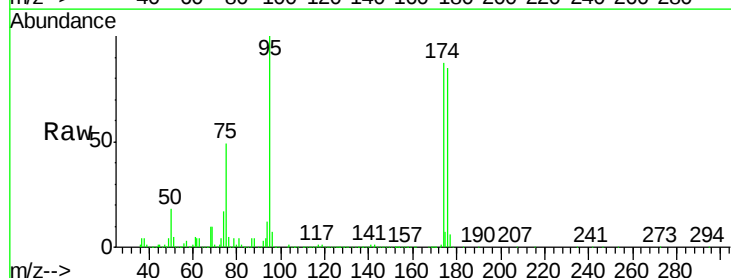
Tgt Ion: 95 Resp: 291548

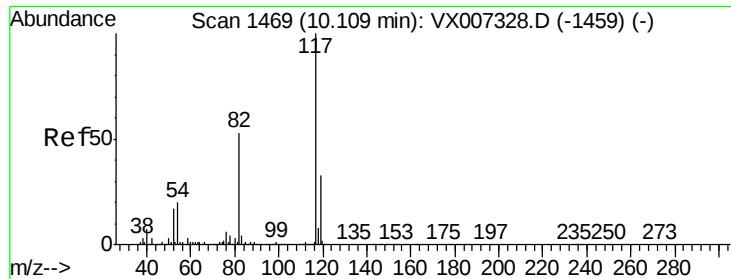
Ion Ratio Lower Upper

95 100

174 93.9 0.0 189.2

176 92.4 0.0 186.2





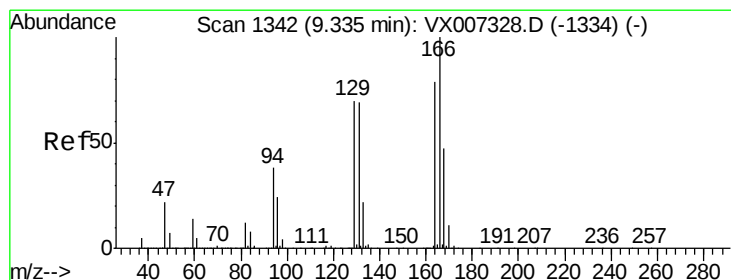
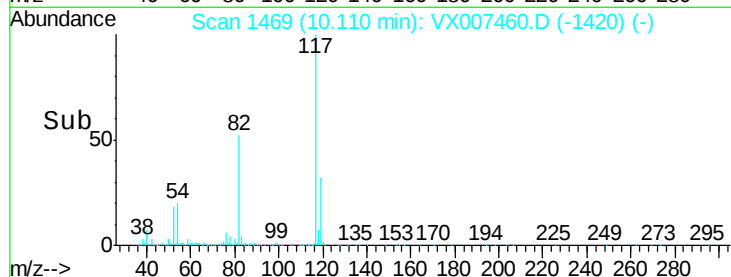
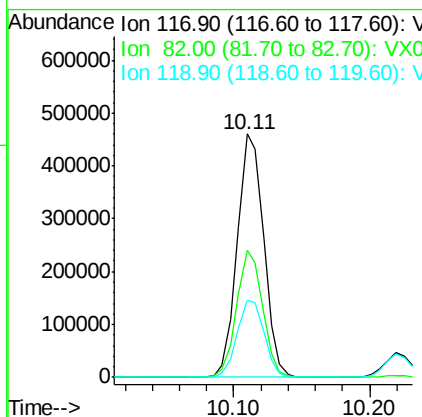
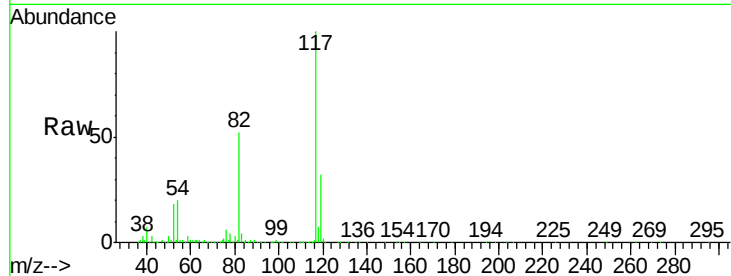
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.1	63.1
119	31.9	26.5	39.7

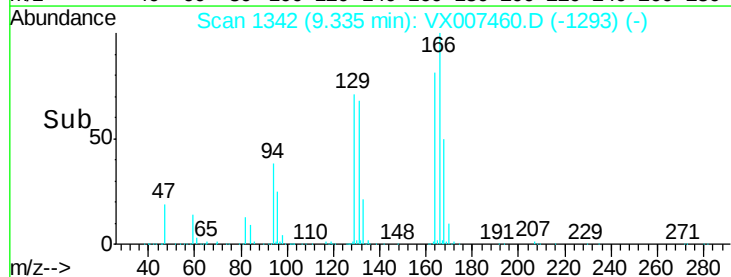
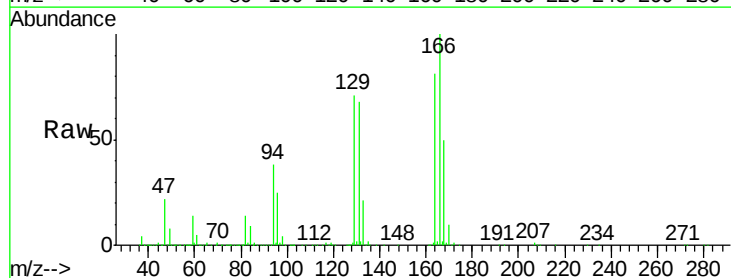
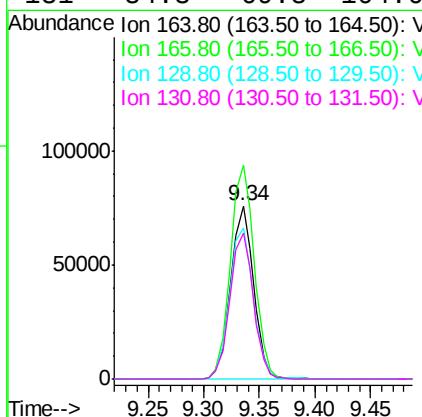
Manual Integrations
APPROVED

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2/12/2019 12:15:10 PM



#64
Tetrachloroethene
Concen: 18.463 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.3	101.0	151.4
129	87.2	70.5	105.7
131	84.3	69.8	104.6





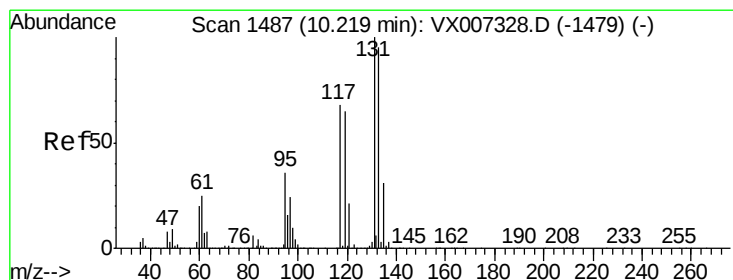
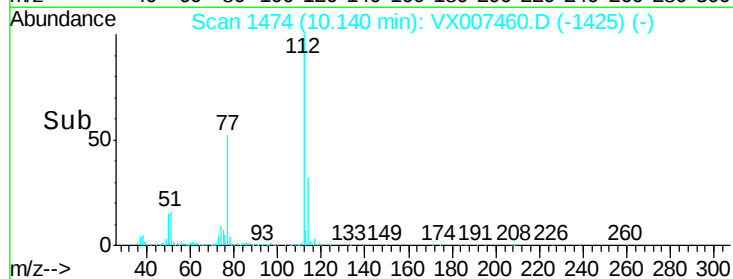
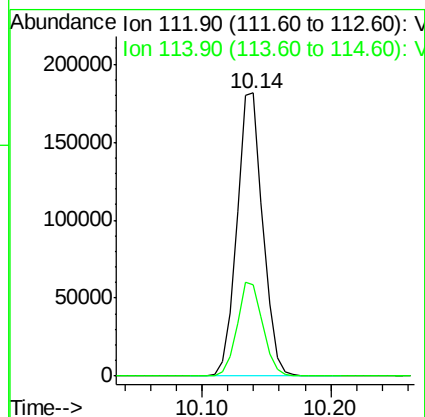
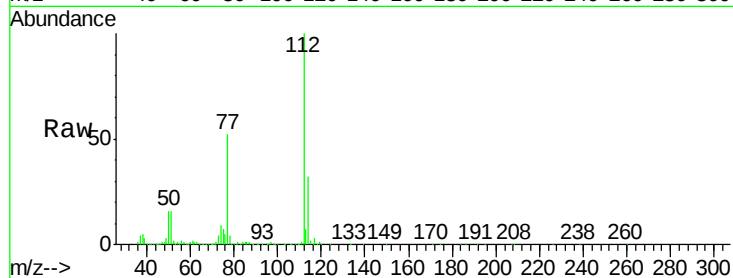
#65
Chlorobenzene
Concen: 18.582 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.8	38.6

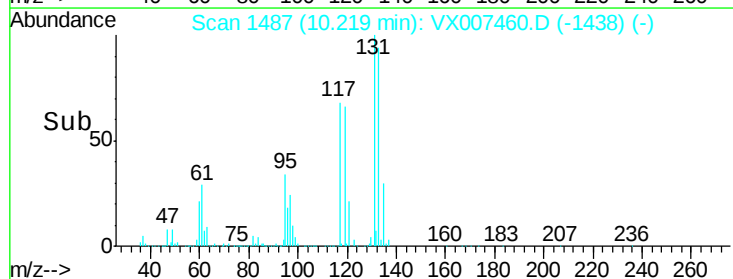
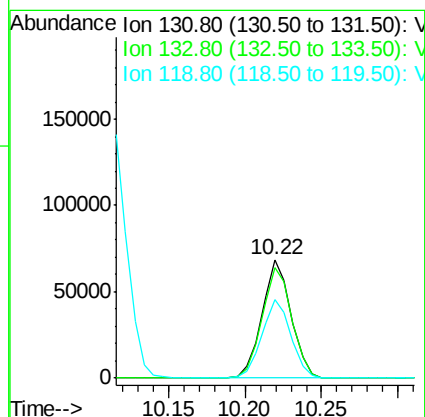
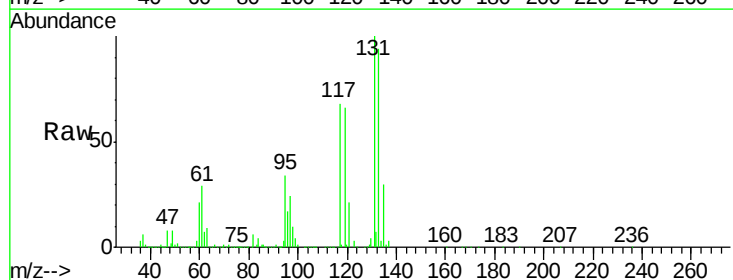
Manual Integrations
APPROVED

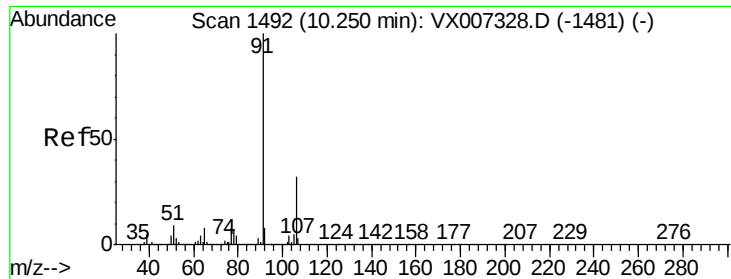
MMDadoda
2/12/2019 12:15:10 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.909 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.0	144.2
119	66.4	32.0	96.0





#67

Ethyl Benzene

Concen: 18.993 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 91 Resp: 416878

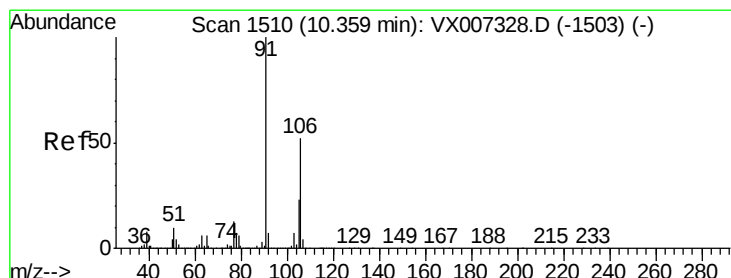
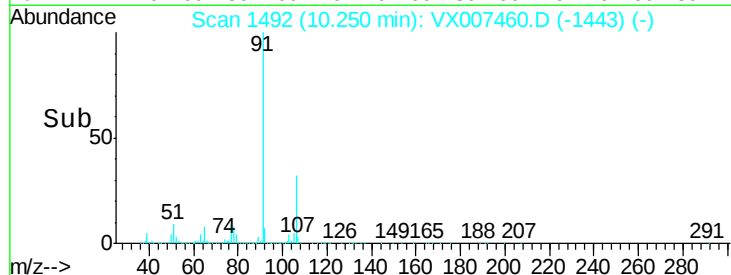
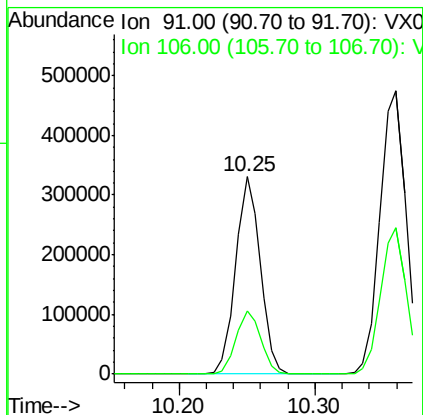
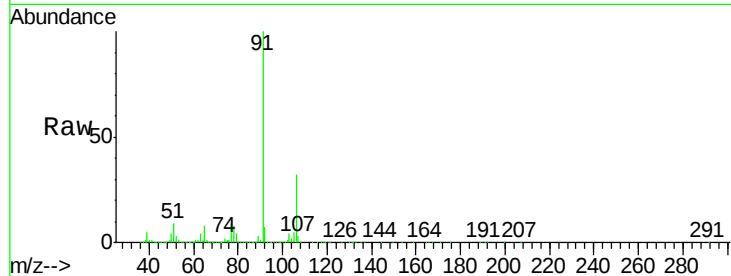
Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.0

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 37.067 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007460.D

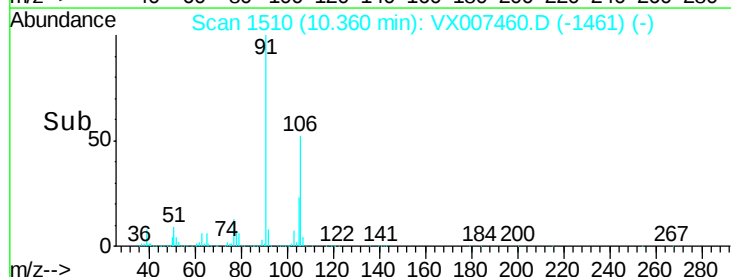
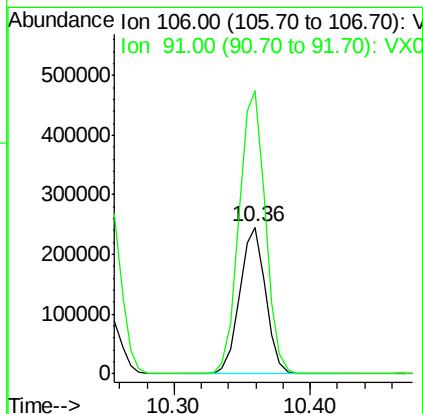
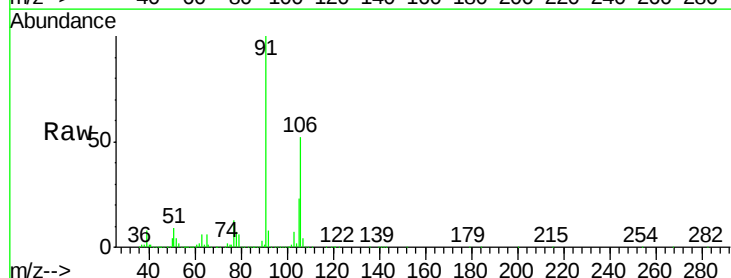
Acq: 11 Feb 2019 11:46

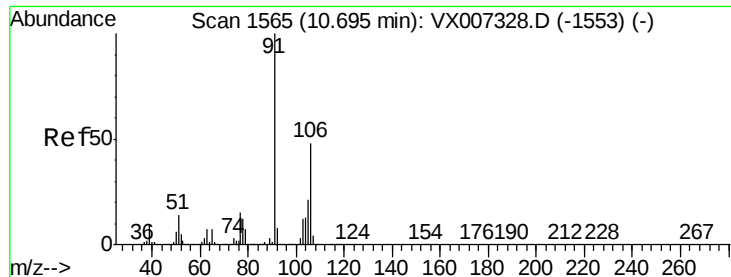
Tgt Ion: 106 Resp: 323421

Ion Ratio Lower Upper

106 100

91 197.0 156.6 234.8





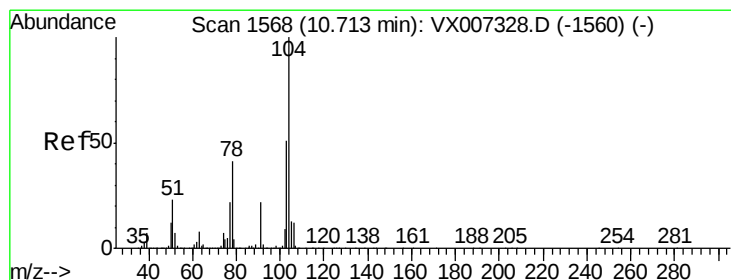
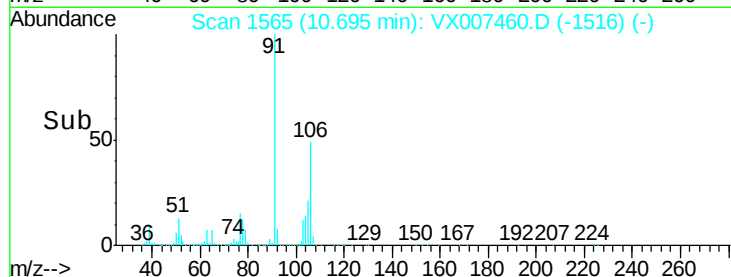
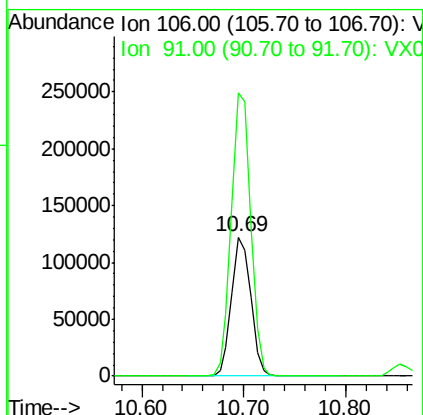
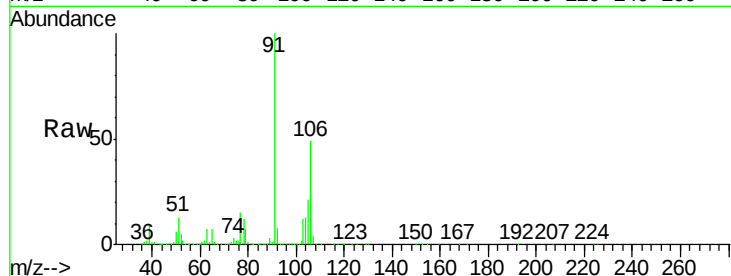
#69
o-Xylene
Concen: 19.072 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	204.2	102.9	308.7	

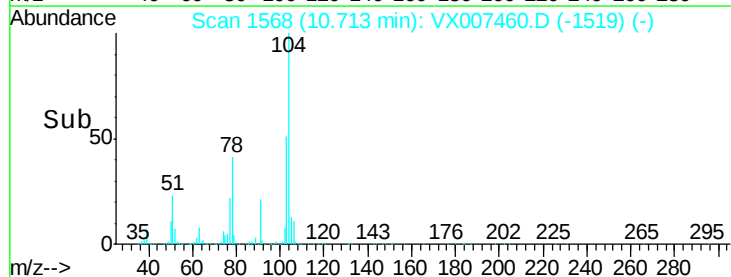
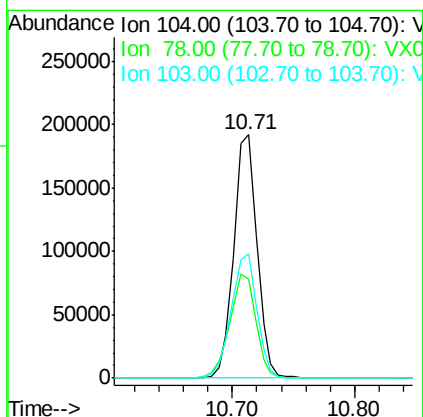
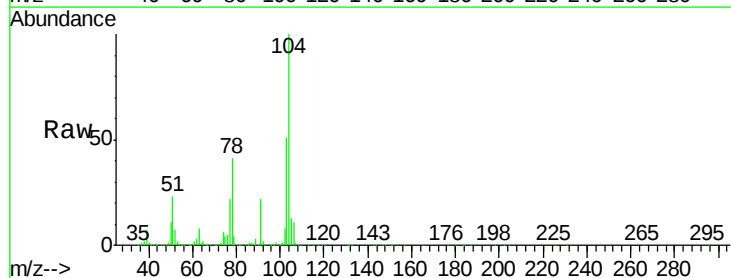
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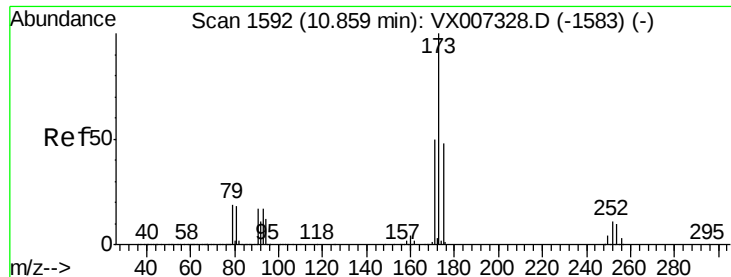
MMDadoda
2/12/2019 12:15:10 PM



#70
Styrene
Concen: 18.521 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	47.9	38.3	57.5	
103	56.4	44.6	67.0	





#71

Bromoform

Concen: 19.647 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion:173 Resp: 68080

Ion Ratio Lower Upper

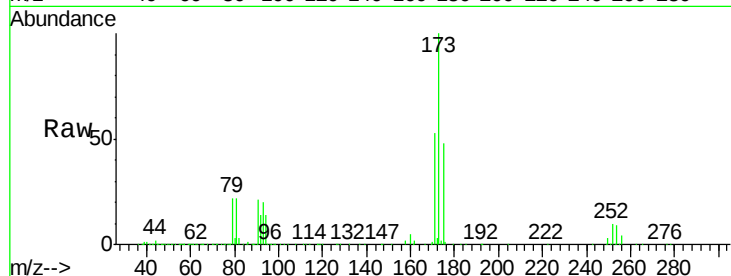
173 100

175 49.8 24.2 72.6

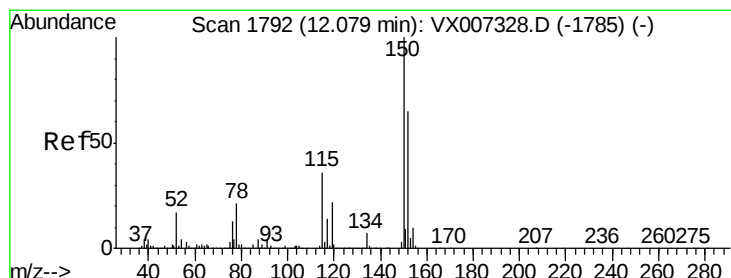
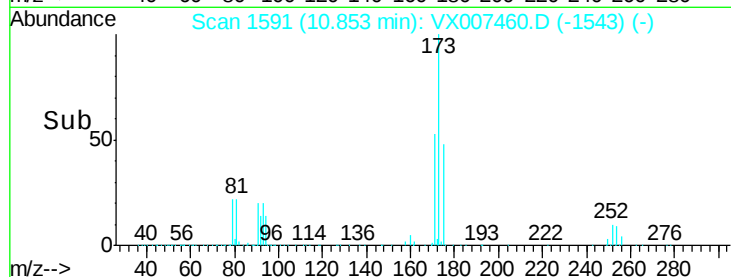
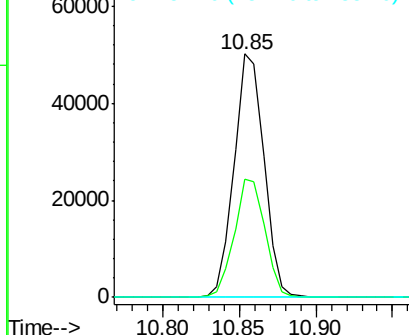
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

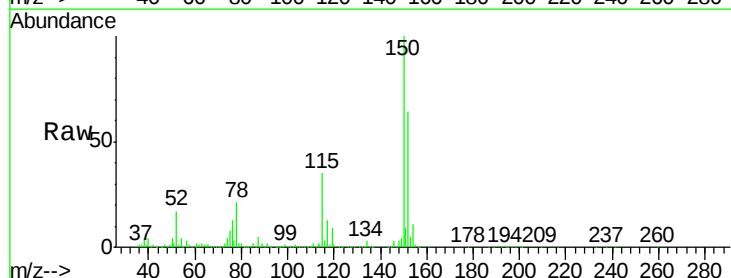
Tgt Ion:152 Resp: 318395

Ion Ratio Lower Upper

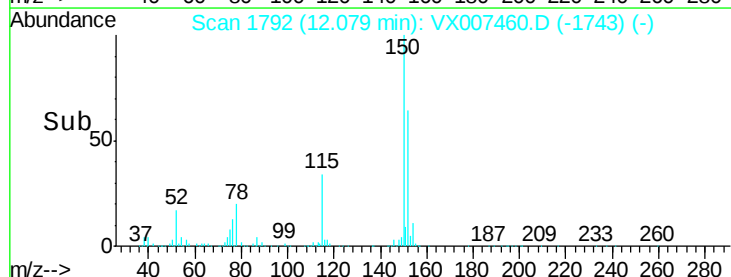
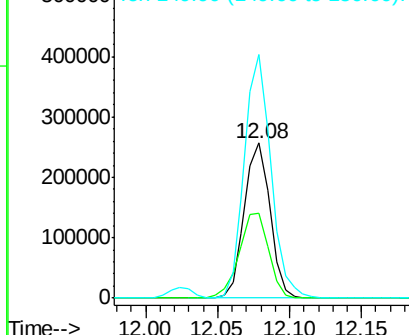
152 100

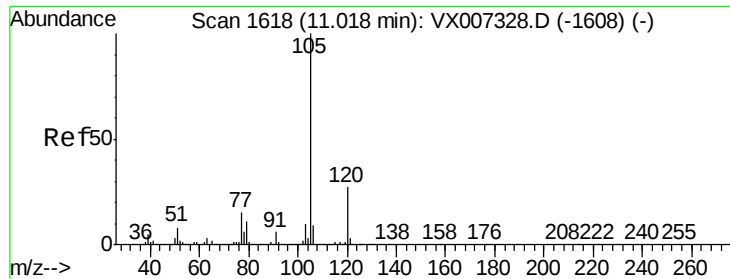
115 62.9 38.0 114.0

150 161.8 0.0 346.4



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





#73

Isopropylbenzene

Concen: 19.402 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion:105 Resp: 419798

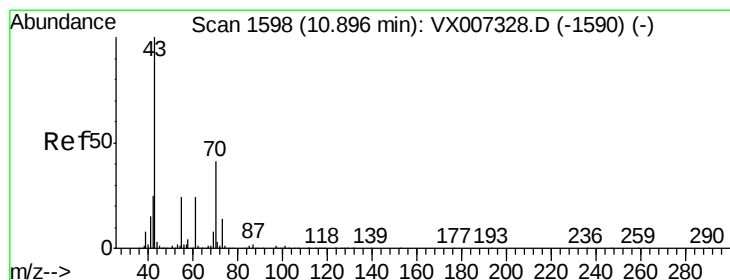
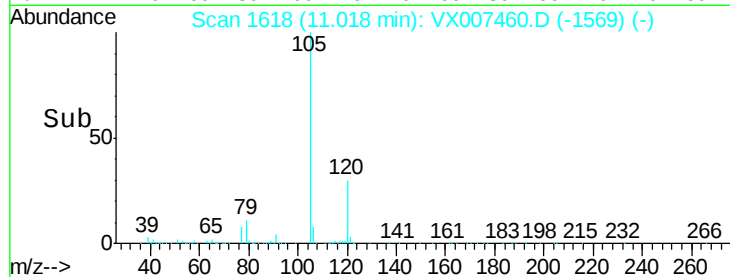
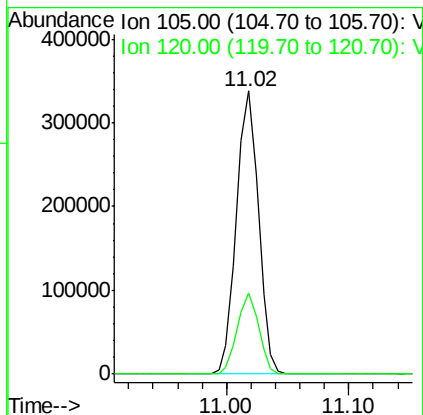
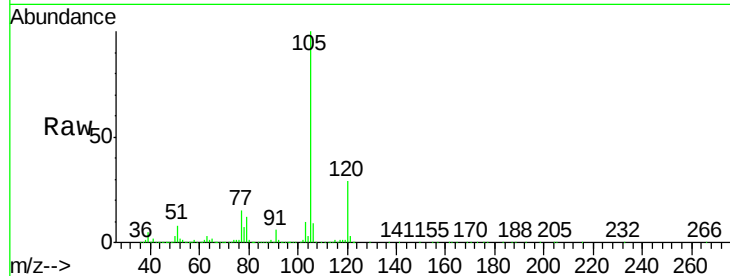
Ion Ratio Lower Upper

105 100

120 28.1 13.6 40.7

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#74

N-ethyl acetate

Concen: 19.755 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion: 43 Resp: 165327

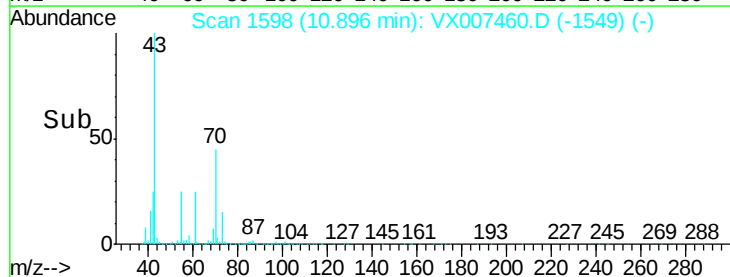
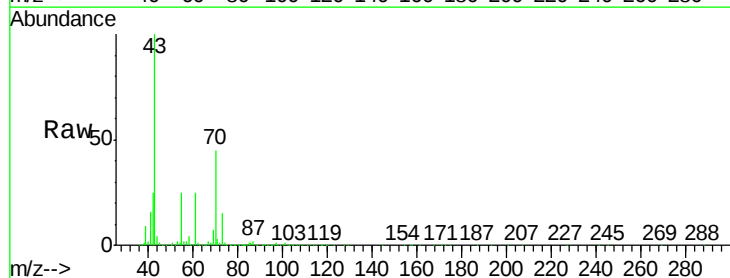
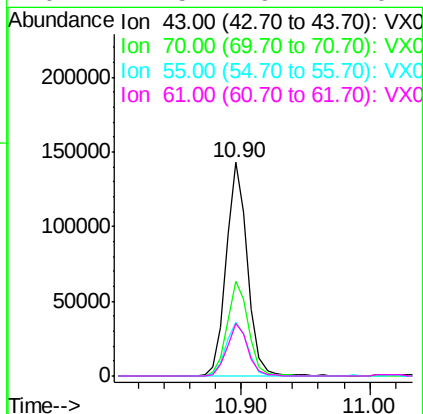
Ion Ratio Lower Upper

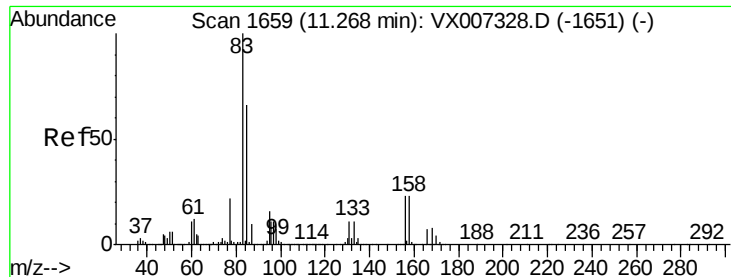
43 100

70 44.3 33.8 50.6

55 25.8 19.5 29.3

61 24.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.293 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampled :

VX0211WBS01

Tot Ion: 83 Resp: 140406

Ion Ratio Lower Upper

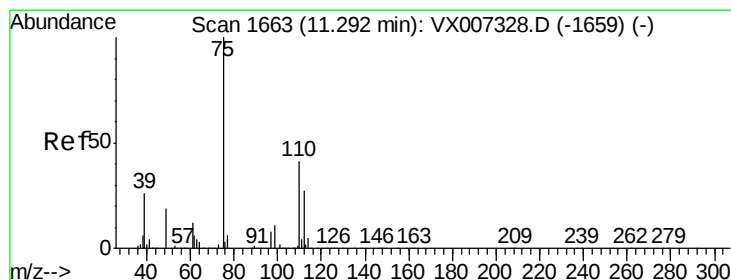
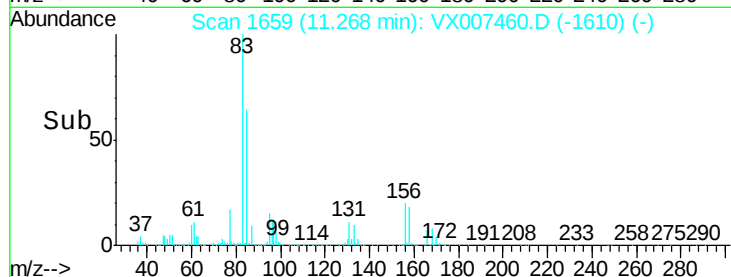
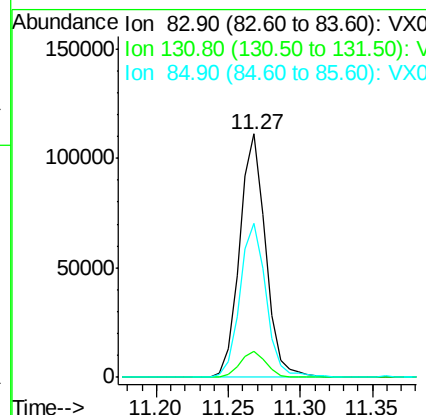
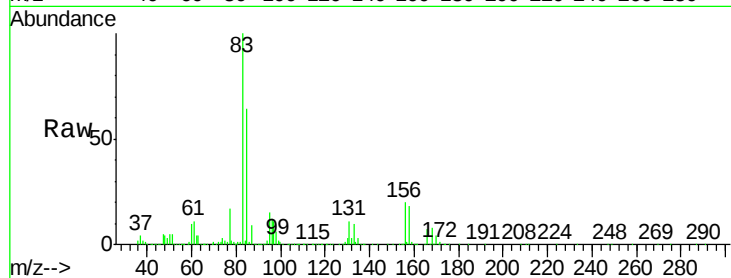
83 100

131 10.8 5.7 17.0

85 64.3 32.8 98.3

Manual Integrations
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2/12/2019 12:15:10 PM



#76

1,2,3-Trichloropropane

Concen: 21.497 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007460.D

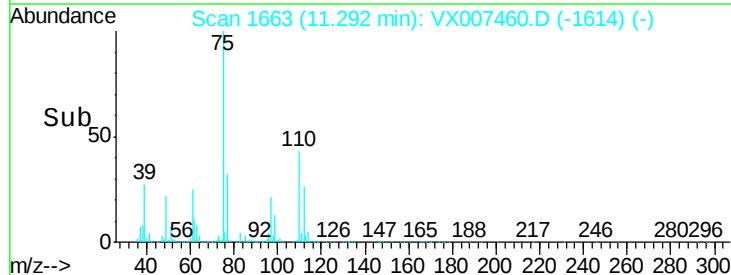
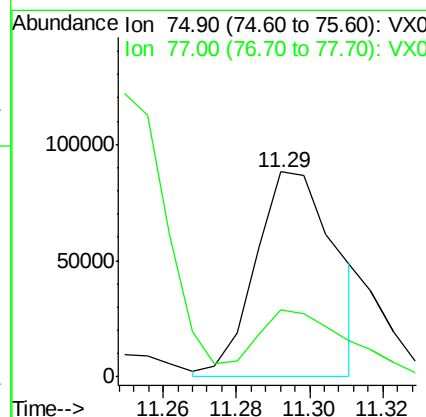
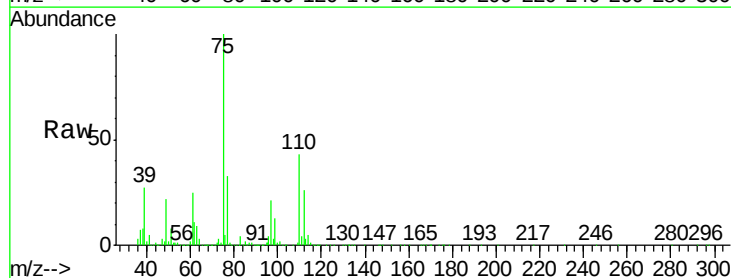
Acq: 11 Feb 2019 11:46

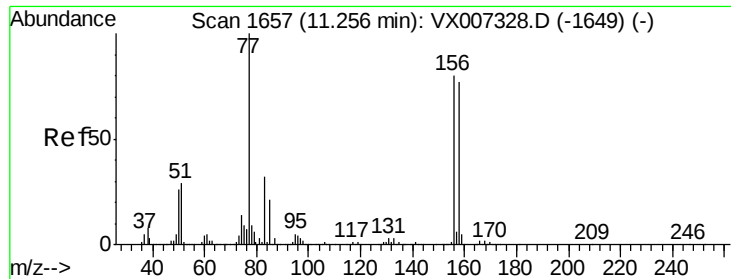
Tgt Ion: 75 Resp: 133136

Ion Ratio Lower Upper

75 100

77 37.9 23.0 69.0





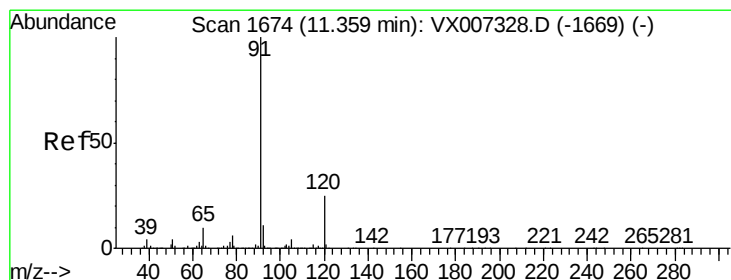
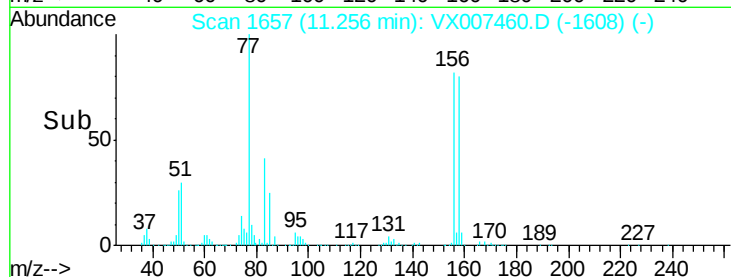
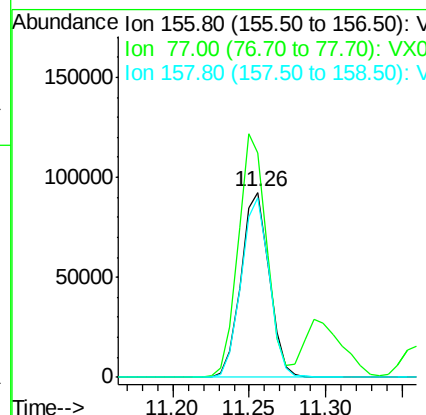
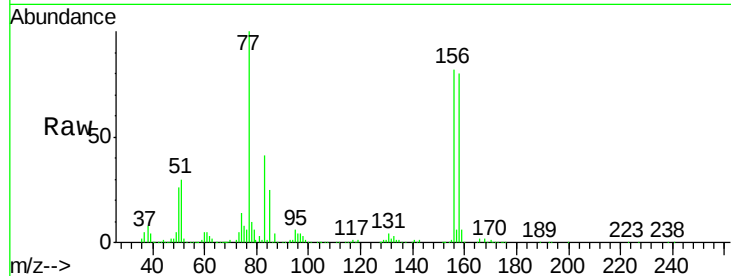
#77
Bromobenzene
Concen: 19.404 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	131.5	66.8	200.6
158	97.0	47.9	143.8

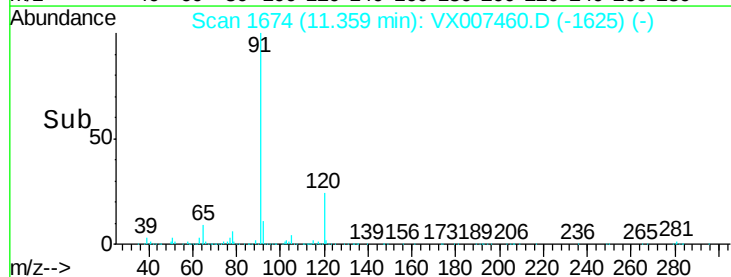
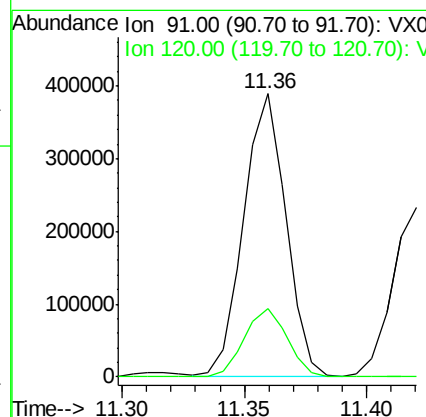
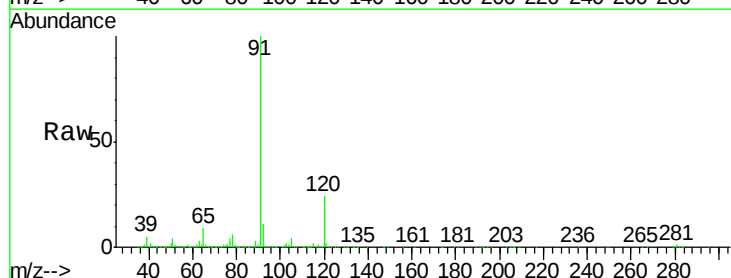
Manual Integrations
APPROVED

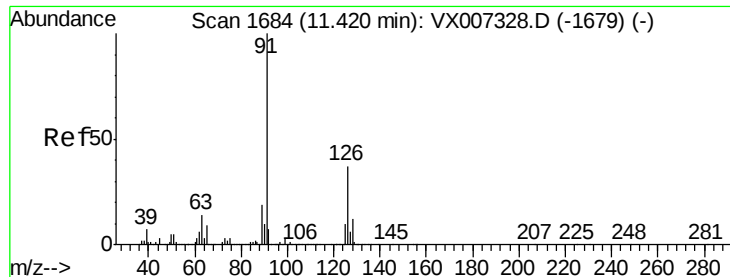
MMDadoda
2/12/2019 12:15:10 PM



#78
n-propylbenzene
Concen: 19.649 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.4	37.2





#79

2-Chlorotoluene

Concen: 19.660 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 91 Resp: 283034

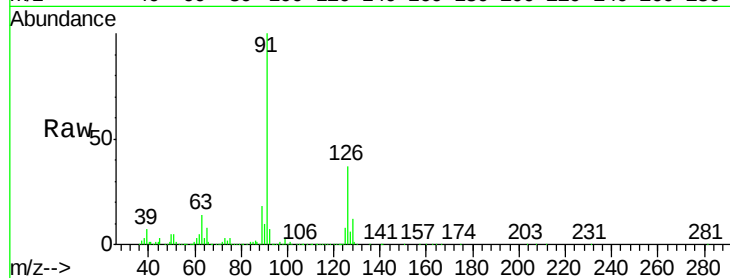
Ion Ratio Lower Upper

91 100

126 37.0 18.7 56.1

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX007460.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX007460.D (-1635) (-)

400000

300000

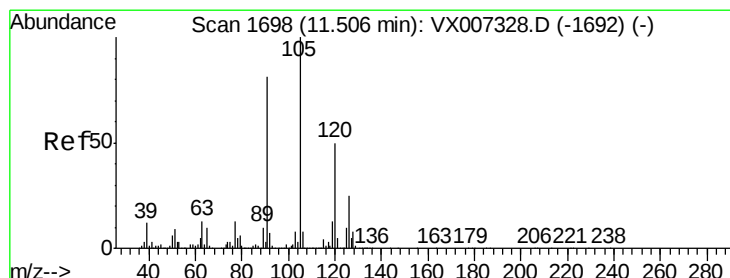
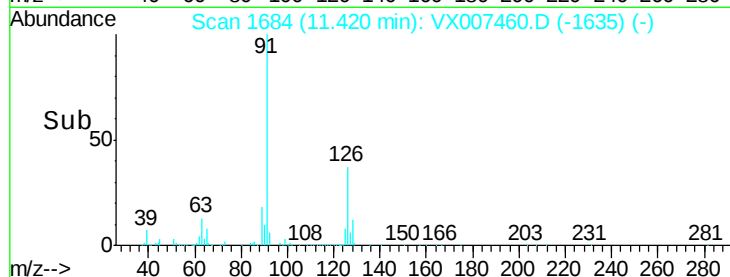
200000

100000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.469 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007460.D

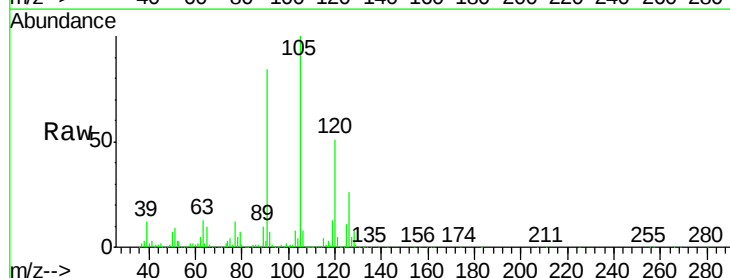
Acq: 11 Feb 2019 11:46

Tgt Ion: 105 Resp: 344637

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007460.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX007460.D (-1649) (-)

300000

250000

200000

150000

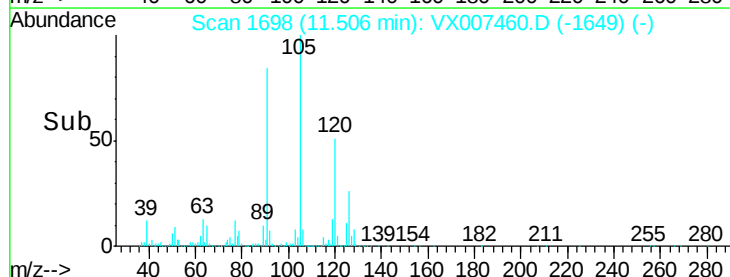
100000

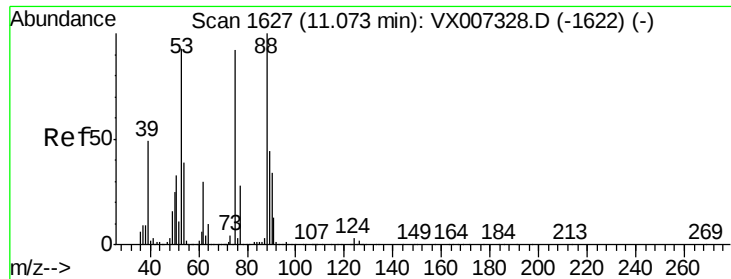
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.774 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

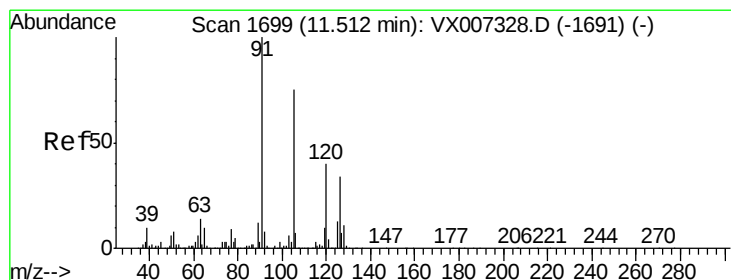
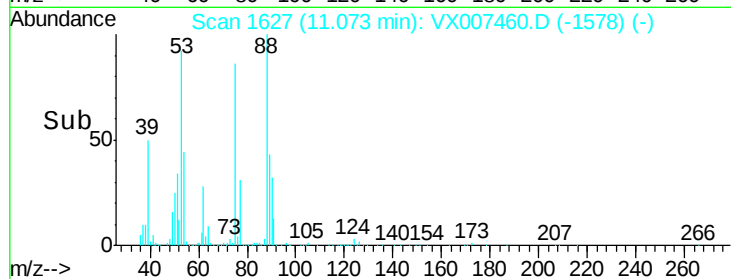
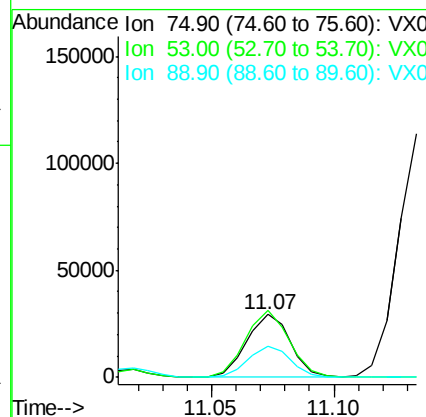
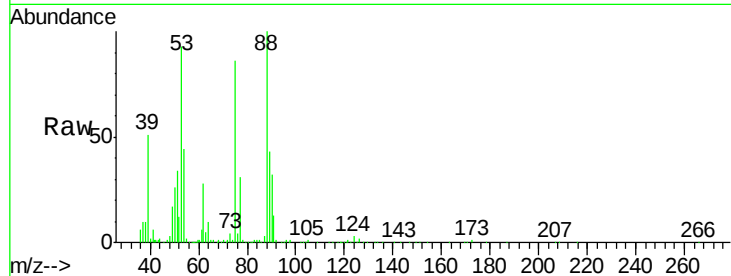
ClientSampleId :

VX0211WBS01

Tot Ion:	75	Resp:	36215
Ion Ratio	Lower	Upper	
75	100		
53	106.5	81.0	121.6
89	48.7	41.4	62.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.027 ug/l

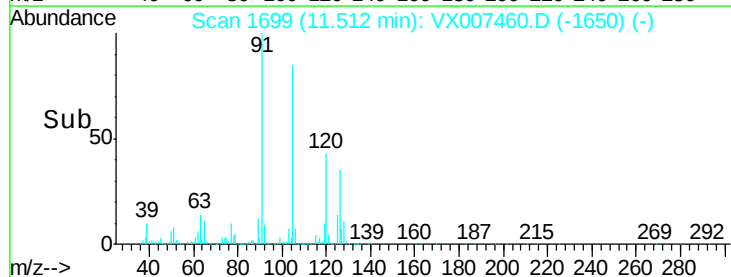
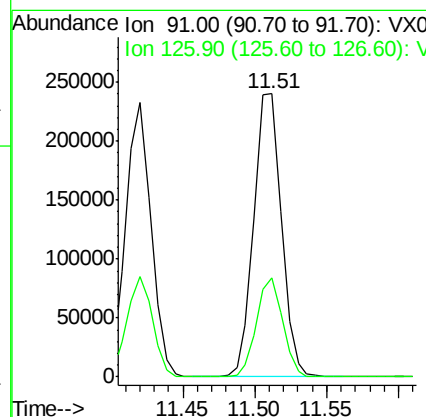
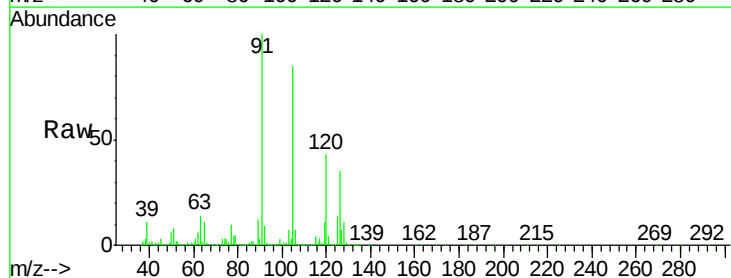
RT: 11.51 min Scan# 1699

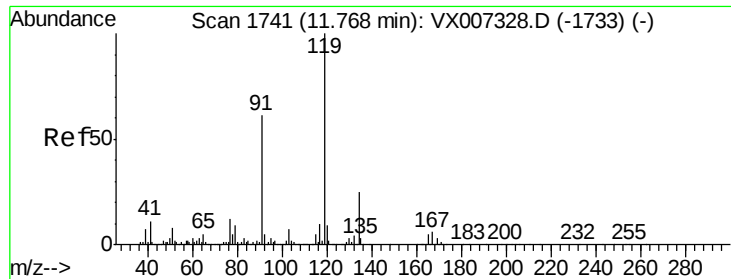
Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion:	91	Resp:	316958
Ion Ratio	Lower	Upper	
91	100		
126	33.6	16.2	48.5





#83

tert-Butylbenzene

Concen: 19.462 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

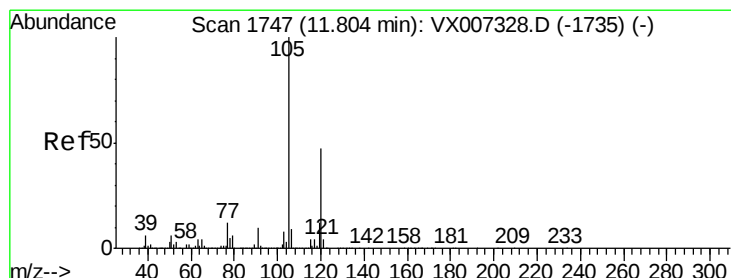
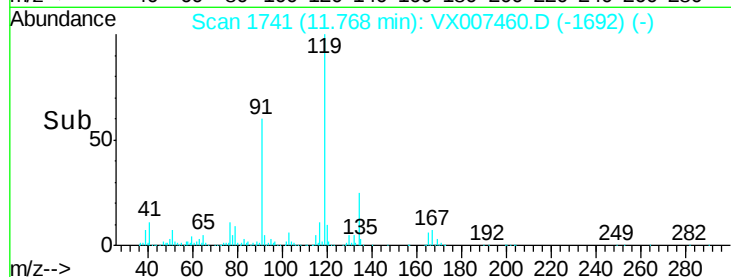
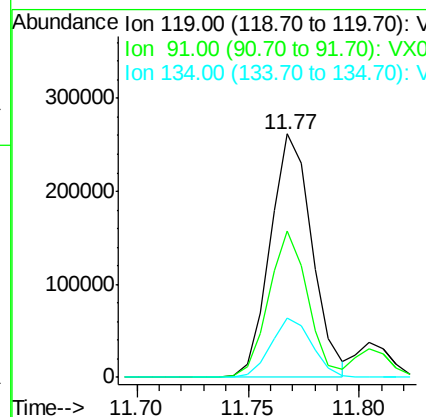
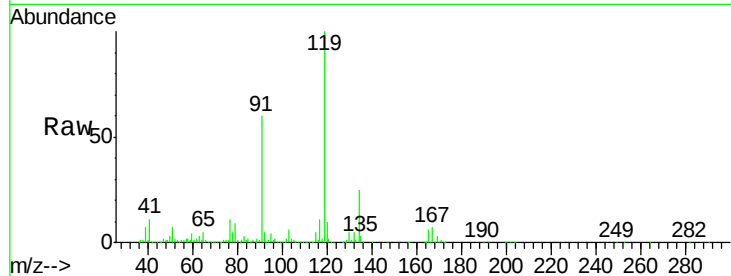
ClientSampleId :

VX0211WBS01

Tot Ion:	119	Resp:	341079
Ion Ratio	Lower	Upper	
119	100		
91	56.3	28.5	85.6
134	24.0	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.878 ug/l

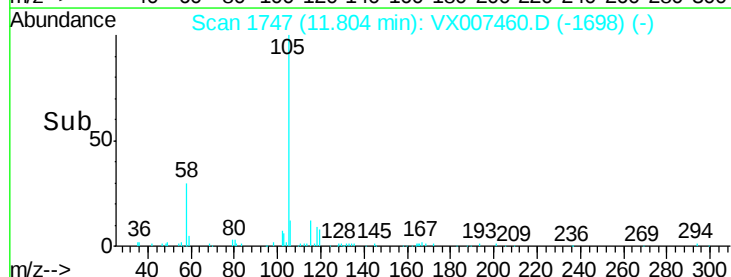
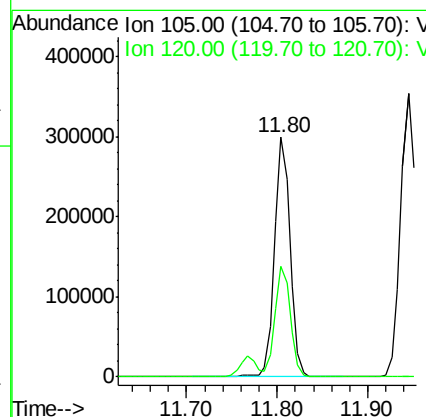
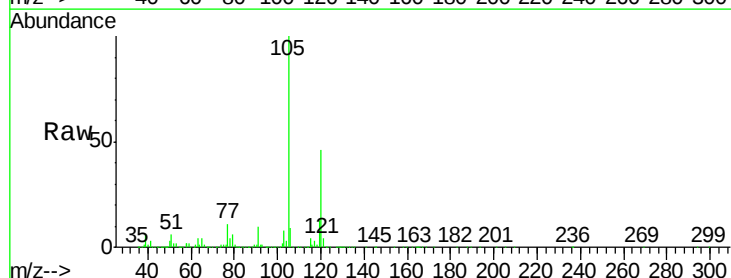
RT: 11.80 min Scan# 1747

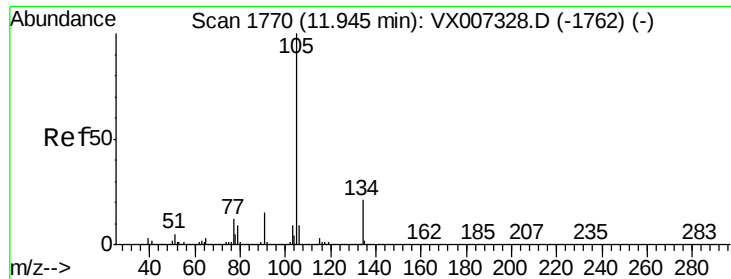
Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion:	105	Resp:	357221
Ion Ratio	Lower	Upper	
105	100		
120	45.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.004 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion:105 Resp: 424316

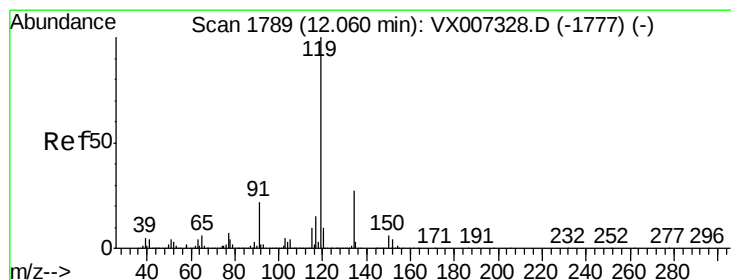
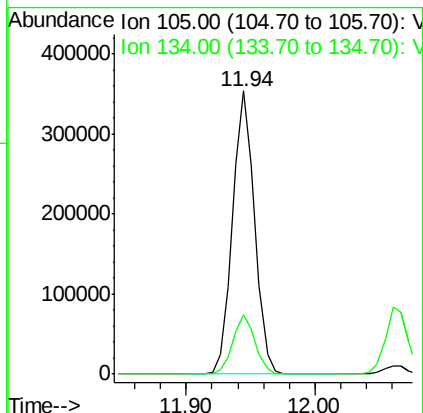
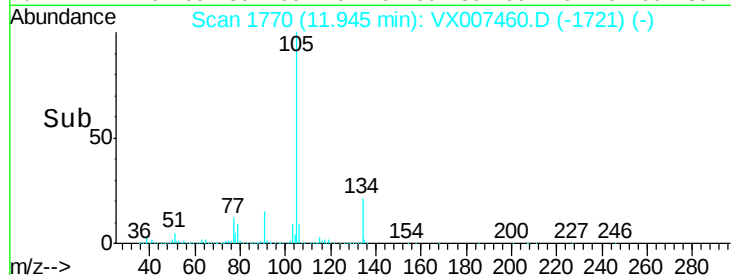
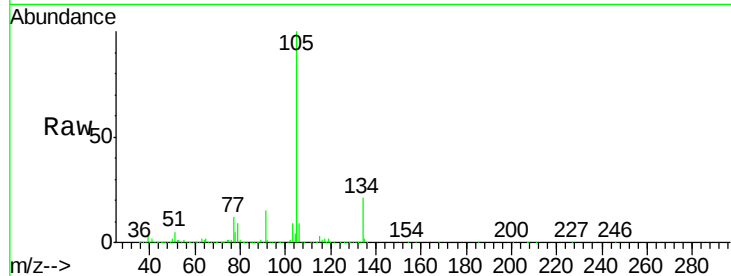
Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.506 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

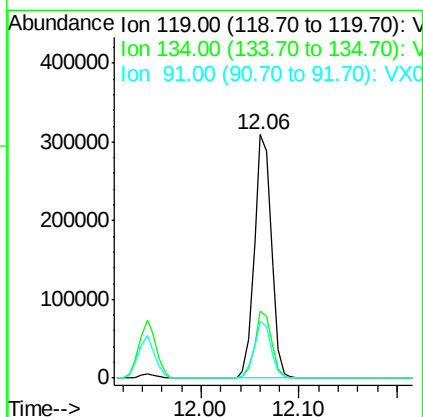
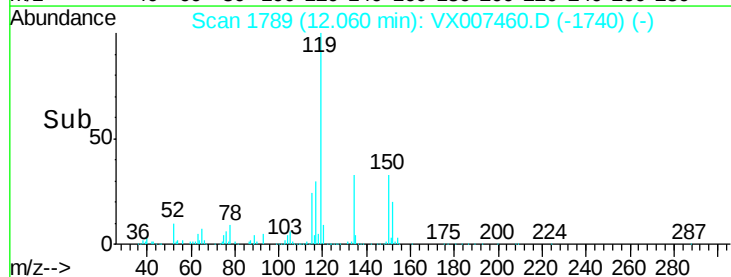
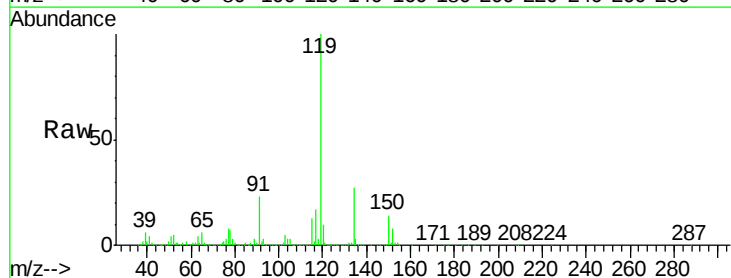
Tgt Ion:119 Resp: 373487

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 22.8 11.2 33.5





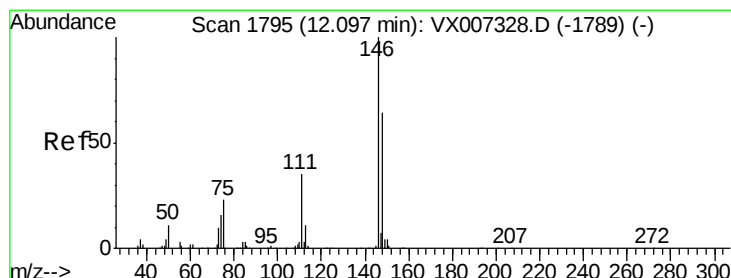
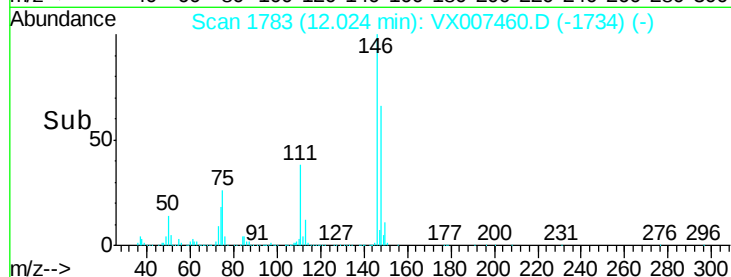
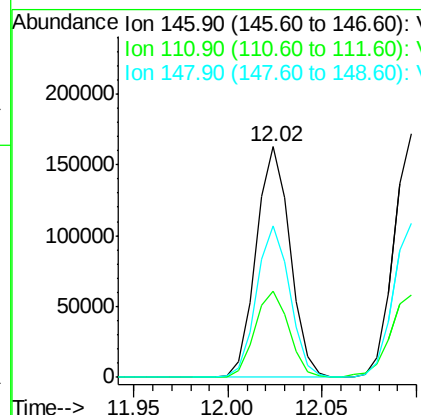
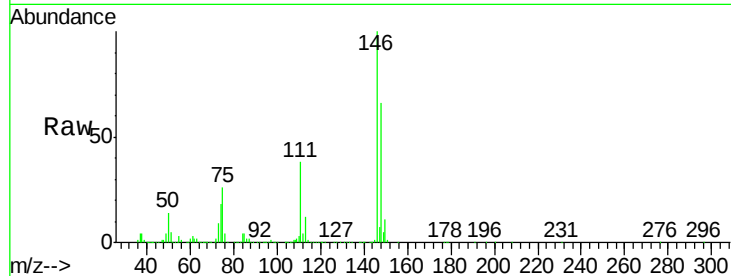
#87
 1,3-Dichlorobenzene
 Concen: 18.565 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	64.5	32.0	96.2

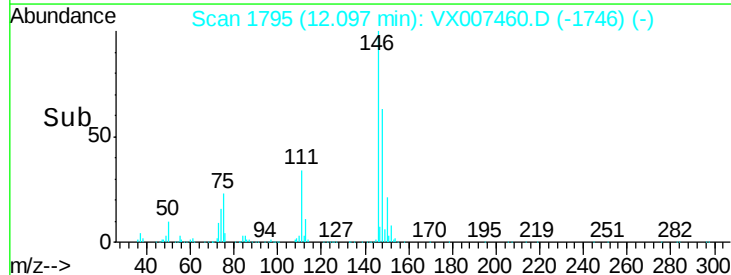
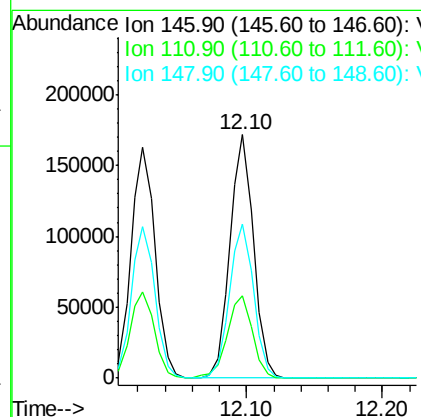
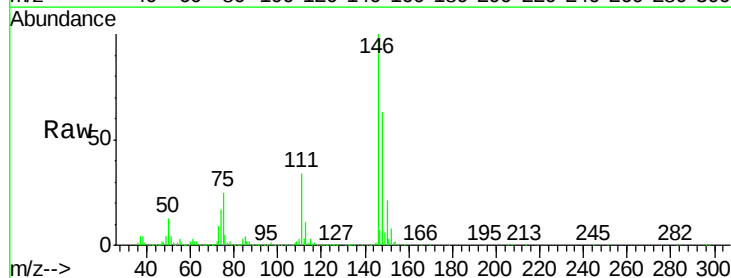
Manual Integrations
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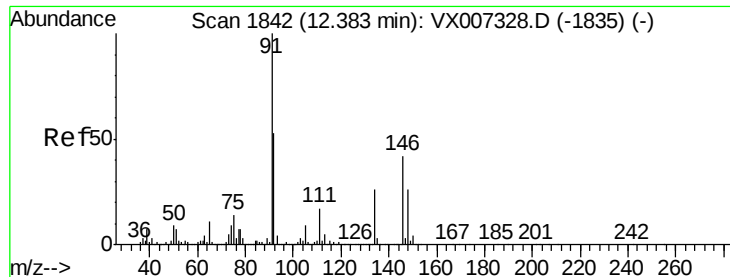
MMDadoda
 2/12/2019 12:15:10 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.588 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.1
148	64.7	32.3	96.9





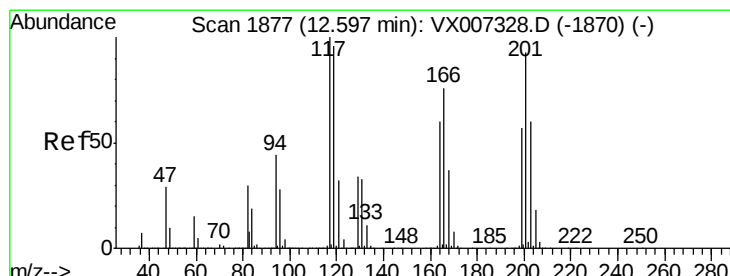
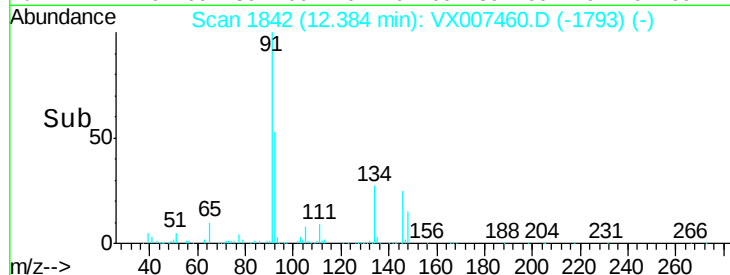
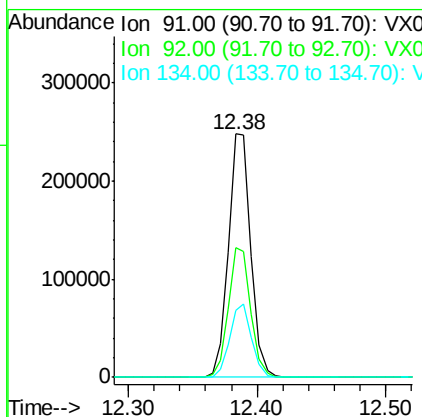
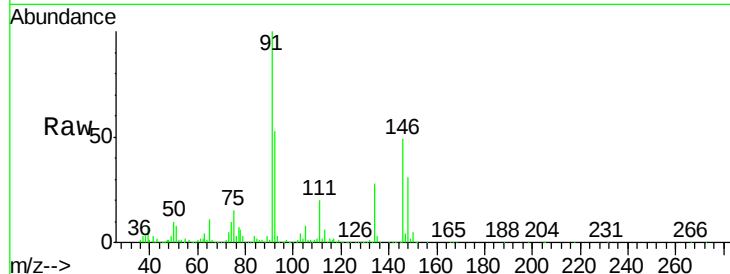
#89
n-Butylbenzene
Concen: 18.353 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.3	78.9
134	29.3	13.9	41.6

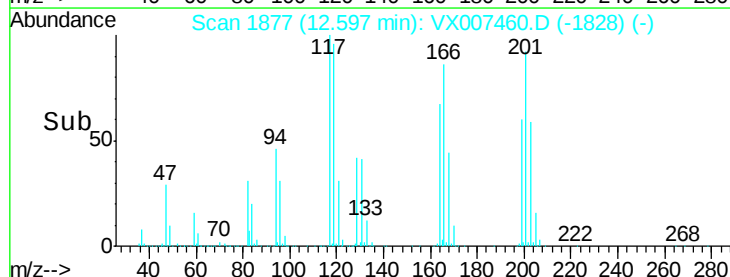
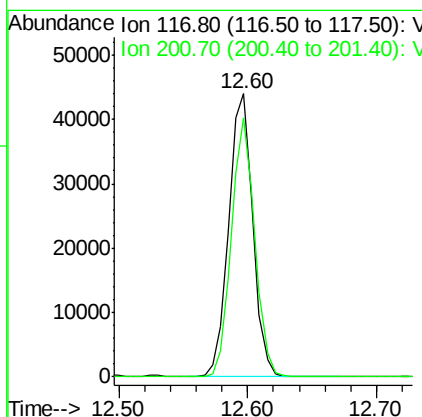
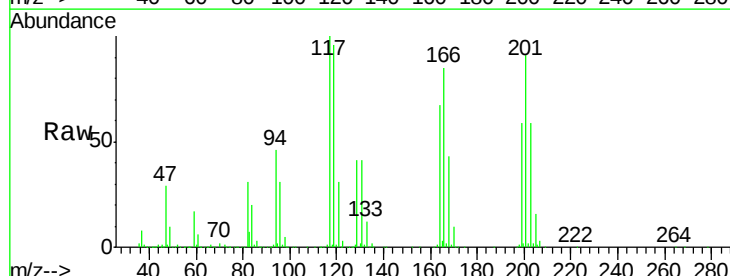
Manual Integrations
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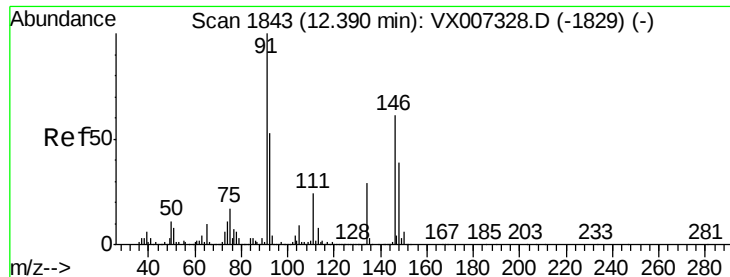
MMDadoda
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#90
Hexachloroethane
Concen: 20.208 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	44.9	134.7





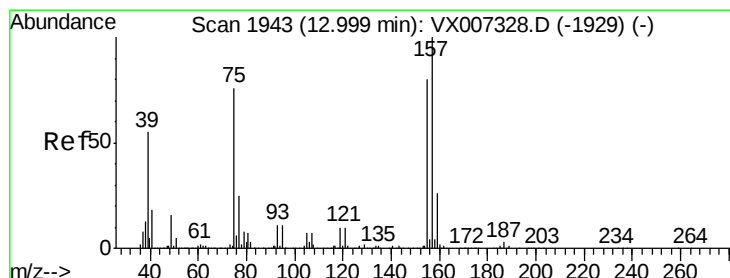
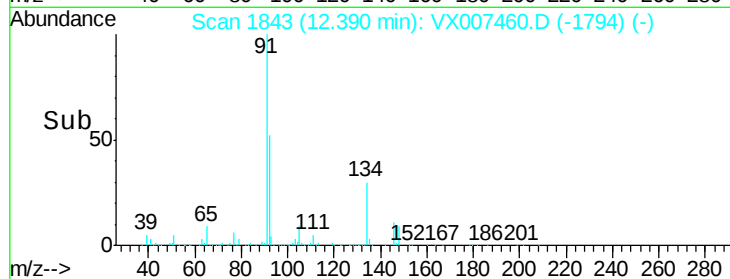
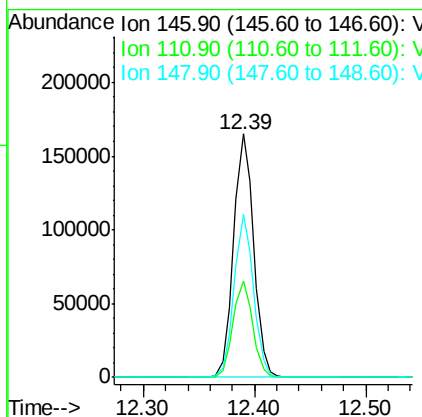
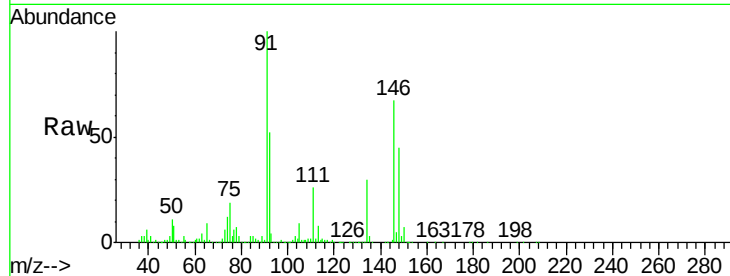
#91
 1,2-Dichlorobenzene
 Concen: 18.941 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	206232		
111	38.8	19.1	57.3	
148	64.6	32.1	96.3	

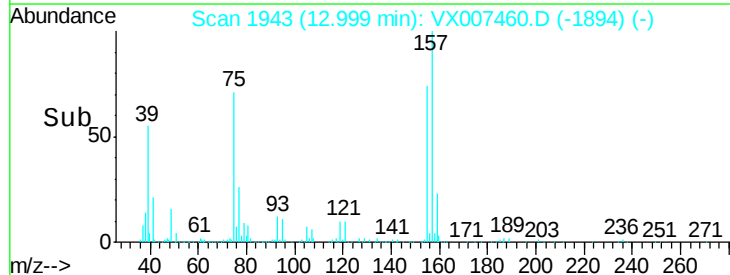
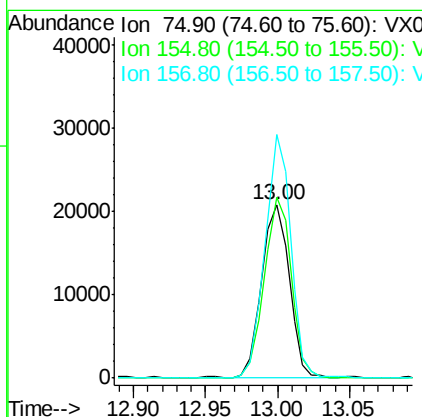
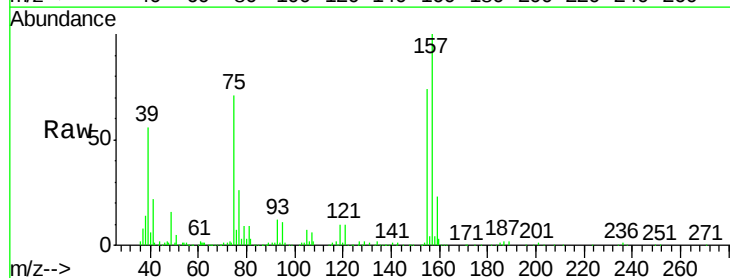
Manual Integrations
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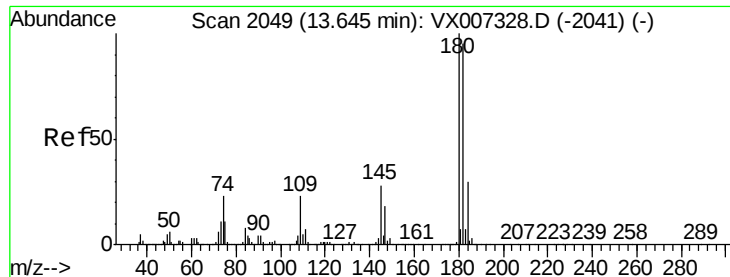
MMDadoda
 2/12/2019 12:15:10 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.378 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	27940		
155	101.0	49.6	149.0	
157	129.8	65.1	195.3	





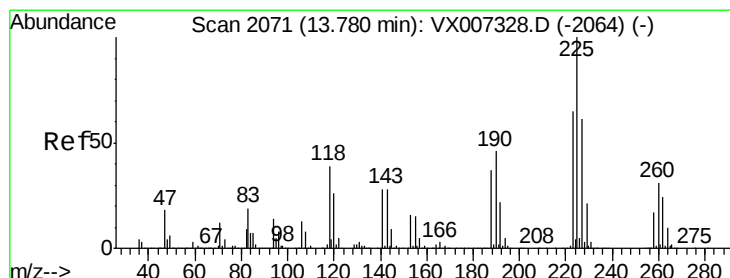
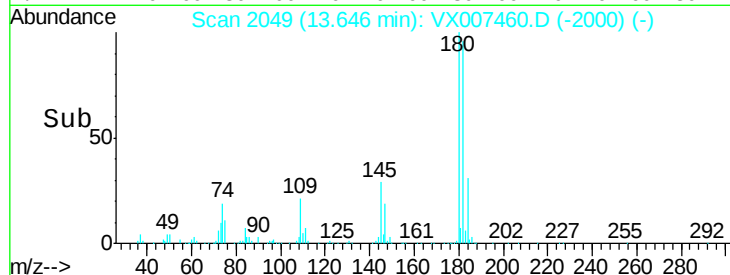
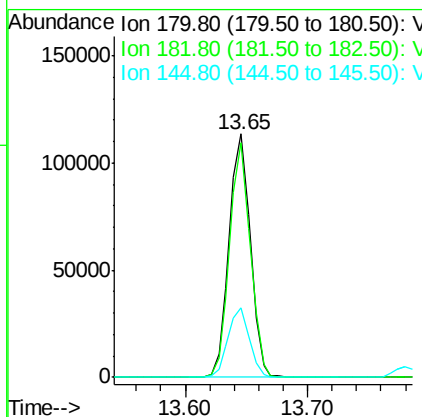
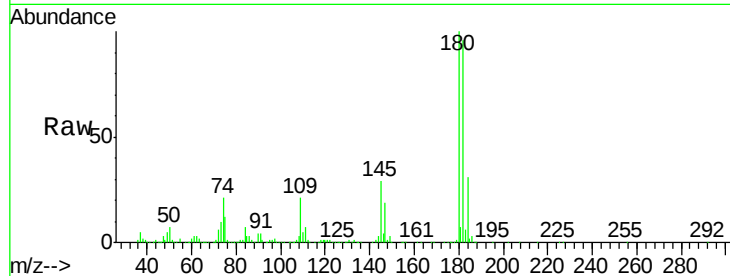
#93
 1,2,4-Trichlorobenzene
 Concen: 18.536 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136104		
182	94.3	47.8	143.3	
145	28.7	14.1	42.2	

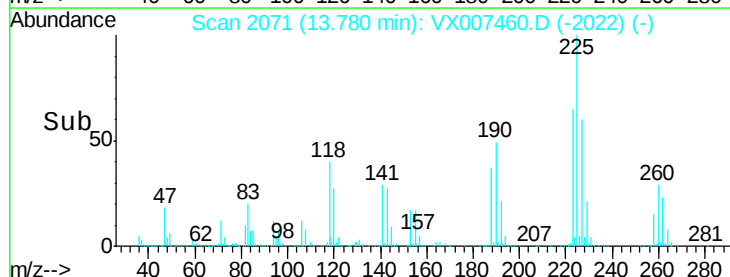
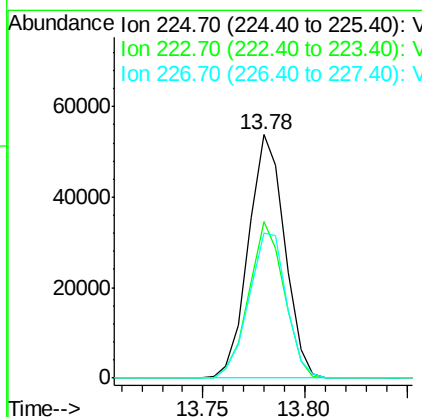
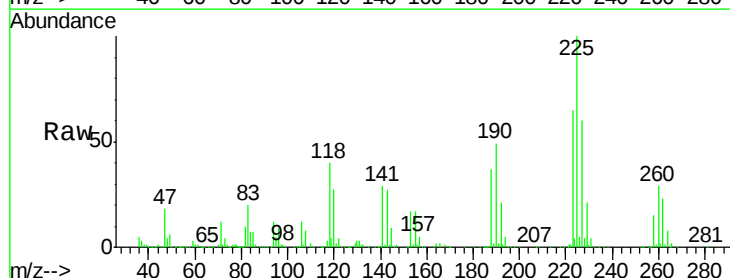
Manual Integrations
 APPROVED

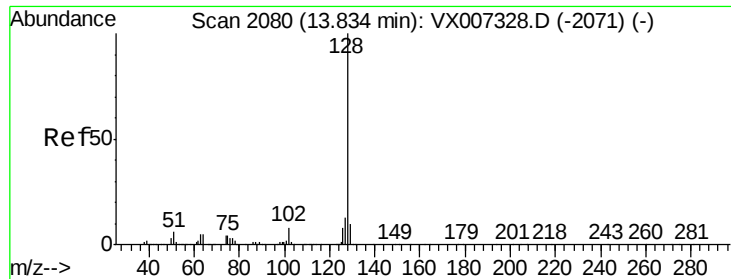
MMDadoda
 2/12/2019 12:15:10 PM



#94
 Hexachlorobutadiene
 Concen: 18.625 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66407		
223	62.7	31.6	94.8	
227	62.2	32.1	96.3	





#95

Naphthalene

Concen: 19.329 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

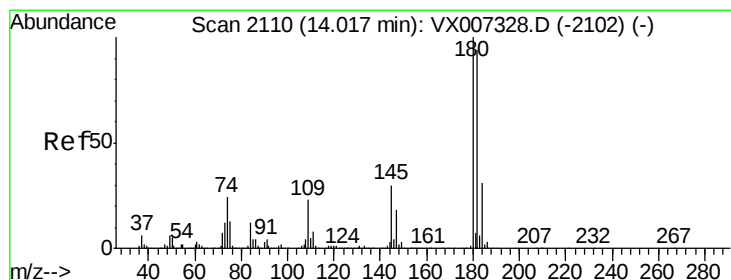
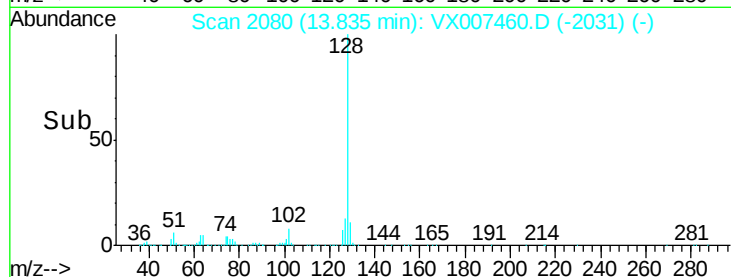
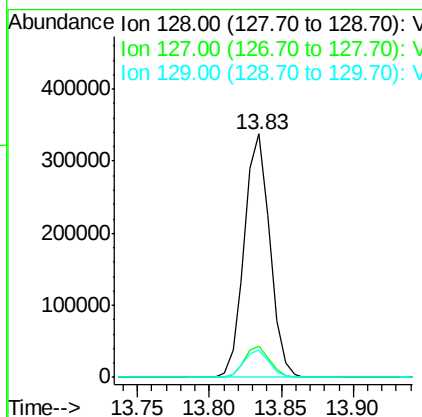
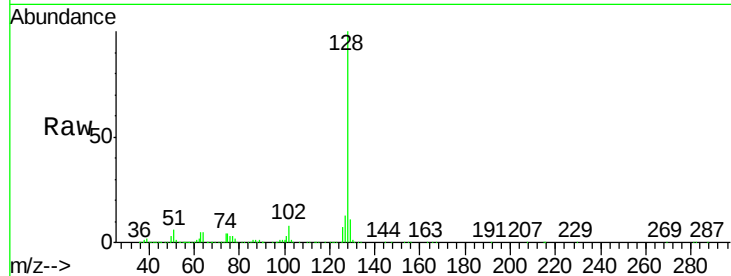
ClientSampleId :

VX0211WBS01

Tot Ion:	128	Resp:	415055
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/12/2019 12:15:10 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.642 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion:	180	Resp:	137789
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.5	142.6
145	31.5	14.9	44.5

