

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 Data File : VX007302.D
 Acq On : 30 Jan 2019 08:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 10:44:07 AM

Quant Time: Jan 31 00:32:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	502282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	724585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	680533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	371781	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	232652	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	
35) Dibromofluoromethane	5.50	113	214069	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
50) Toluene-d8	8.71	98	783080	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.13	95	296331	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	167413	40.588	ug/l	99
3) Chloromethane	1.33	50	193511	40.300	ug/l	99
4) Vinyl Chloride	1.41	62	207511	40.175	ug/l	99
5) Bromomethane	1.64	94	213929	38.766	ug/l	100
6) Chloroethane	1.71	64	137434	38.106	ug/l	98
7) Trichlorofluoromethane	1.93	101	347151	41.596	ug/l	99
8) Diethyl Ether	2.19	74	140215	42.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	215973	43.224	ug/l	99
10) Methyl Iodide	2.51	142	313749	46.551	ug/l	99
11) Tert butyl alcohol	3.07	59	232264	187.571	ug/l	100
12) 1,1-Dichloroethene	2.38	96	187047	40.518	ug/l	95
13) Acrolein	2.29	56	82326	155.338	ug/l	99
14) Allyl chloride	2.73	41	332719	42.055	ug/l	100
15) Acrylonitrile	3.15	53	612687	215.536	ug/l	99
16) Acetone	2.45	43	620324	239.039	ug/l	99
17) Carbon Disulfide	2.57	76	397816	33.471	ug/l	99
18) Methyl Acetate	2.78	43	348233	46.337	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	706260	44.078	ug/l	99
20) Methylene Chloride	2.86	84	225331	45.602	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	206427	40.126	ug/l	99
22) Diisopropyl ether	3.87	45	675486	45.415	ug/l	97
23) Vinyl Acetate	3.82	43	2837942	226.252	ug/l	99
24) 1,1-Dichloroethane	3.70	63	385794	46.387	ug/l	99
25) 2-Butanone	4.70	43	822492	221.506	ug/l	99
26) 2,2-Dichloropropane	4.59	77	292619	45.755	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	239045	42.127	ug/l	97
28) Bromochloromethane	5.02	49	162082	44.481	ug/l	94
29) Tetrahydrofuran	5.15	42	501343	207.759	ug/l	96
30) Chloroform	5.21	83	391421	44.951	ug/l	99
31) Cyclohexane	5.57	56	301172	40.686	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	334390	45.306	ug/l	99
36) 1,1-Dichloropropene	5.80	75	273452	43.407	ug/l	99
37) Ethyl Acetate	4.85	43	299321	44.319	ug/l	97
38) Carbon Tetrachloride	5.79	117	294412	46.450	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	339964	42.331	ug/l	96
40) Benzene	6.14	78	844624	43.940	ug/l	98
41) Methacrylonitrile	5.05	41	167401	43.026	ug/l	98
42) 1,2-Dichloroethane	6.20	62	295768	44.527	ug/l	99
43) Isopropyl Acetate	6.45	43	485820	45.603	ug/l	98
44) Trichloroethene	7.21	130	257277	44.665	ug/l	95
45) 1,2-Dichloropropane	7.51	63	220846	45.700	ug/l	98
46) Dibromomethane	7.66	93	155717	45.849	ug/l	97
47) Bromodichloromethane	7.90	83	290035	50.170	ug/l	99
48) Methyl methacrylate	7.77	41	253514	46.339	ug/l	98
49) 1,4-Dioxane	7.75	88	97981	782.375	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1632616	238.463	ug/l	99
52) Toluene	8.78	92	560537	45.370	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	325138	50.720	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	349602	49.384	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	247632	50.076	ug/l	99
56) Ethyl methacrylate	9.18	69	351288	48.660	ug/l	95
57) 1,3-Dichloropropane	9.37	76	385230	47.550	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	884942	238.410	ug/l	98
59) 2-Hexanone	9.49	43	1266001	242.652	ug/l	99
60) Dibromochloromethane	9.58	129	260131	54.173	ug/l	98
61) 1,2-Dibromoethane	9.67	107	256916	47.192	ug/l	100
64) Tetrachloroethene	9.34	164	267195	45.350	ug/l	96
65) Chlorobenzene	10.14	112	674097	45.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	247281	49.524	ug/l	99
67) Ethyl Benzene	10.25	91	1114984	45.503	ug/l	98
68) m/p-Xylenes	10.36	106	888218	92.005	ug/l	100
69) o-Xylene	10.70	106	435174	46.221	ug/l	98
70) Styrene	10.71	104	720941	48.348	ug/l	100
71) Bromoform	10.85	173	197849	44.829	ug/l	99
73) Isopropylbenzene	11.02	105	1182099	45.091	ug/l	99
74) N-amyl acetate	10.90	43	454276	43.039	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	353996	42.534	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	339457m	45.057	ug/l	
77) Bromobenzene	11.26	156	319309	44.205	ug/l	99
78) n-propylbenzene	11.36	91	1339954	46.560	ug/l	99
79) 2-Chlorotoluene	11.42	91	775807	44.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	986746	45.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	104172	42.354	ug/l	96
82) 4-Chlorotoluene	11.51	91	904869	45.112	ug/l	100
83) tert-Butylbenzene	11.77	119	973293	44.533	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	993693	45.111	ug/l	99
85) sec-Butylbenzene	11.94	105	1220943	46.777	ug/l	100
86) p-Isopropyltoluene	12.06	119	1090220	46.697	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	578493	44.308	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	579769	46.876	ug/l	100
89) n-Butylbenzene	12.39	91	950439	47.755	ug/l	98
90) Hexachloroethane	12.60	117	171432	46.228	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	570597	44.285	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72050	43.773	ug/l	95

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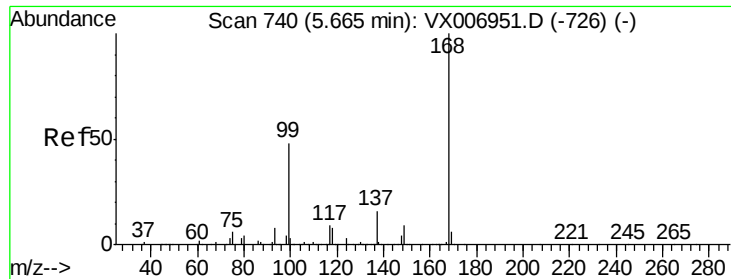
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	407473	46.095	ug/l	99
94) Hexachlorobutadiene	13.78	225	197911	50.452	ug/l	98
95) Naphthalene	13.83	128	1200480	44.817	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	408504	46.520	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 502282

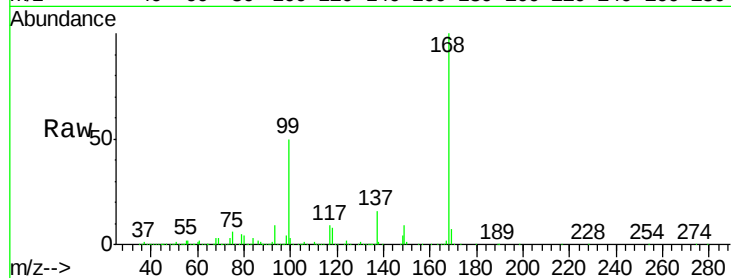
Ion Ratio Lower Upper

168 100

99 49.7 41.8 62.8

Manual Integrations
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2/1/2019 10:44:07 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

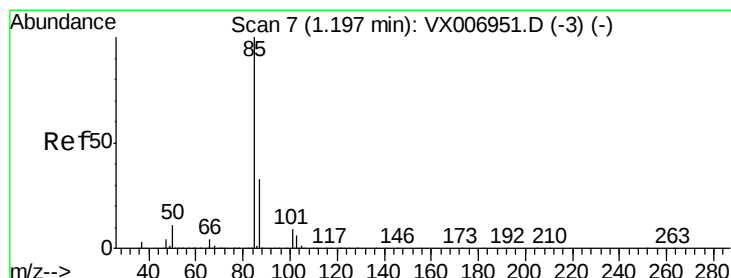
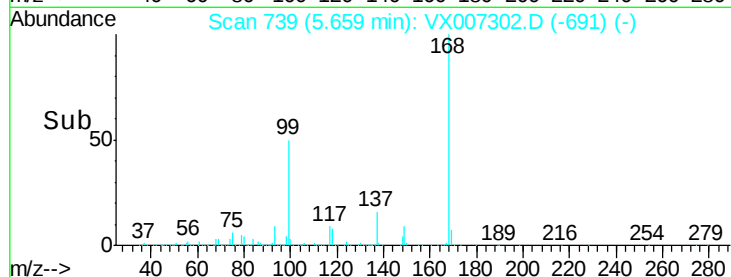
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 40.588 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007302.D

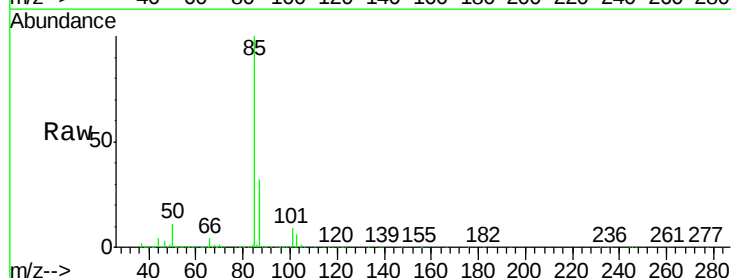
Acq: 30 Jan 2019 08:54

Tgt Ion: 85 Resp: 167413

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

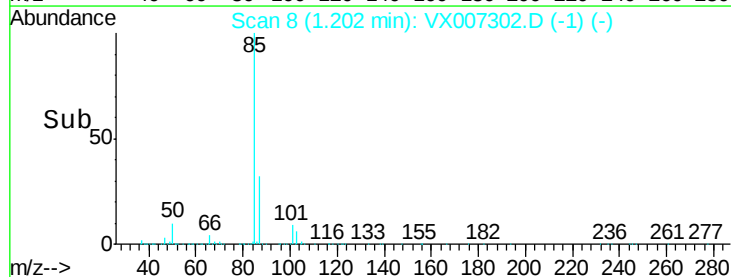
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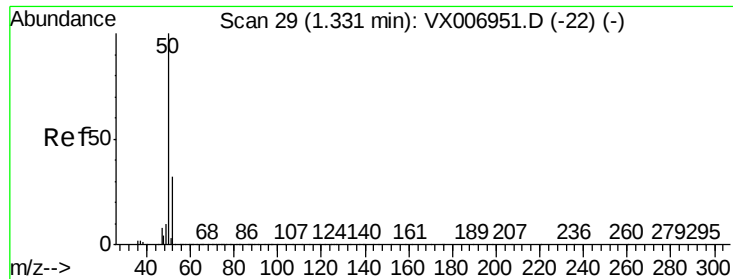
50000

0

1.15 1.20 1.25 1.30 1.35

Time-->





#3

Chloromethane

Concen: 40.300 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 193511

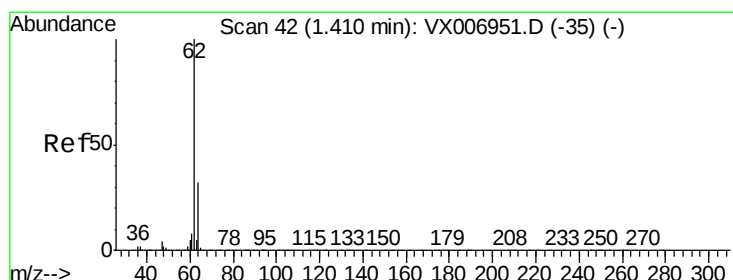
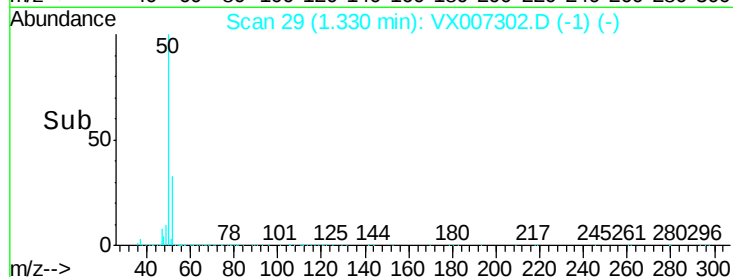
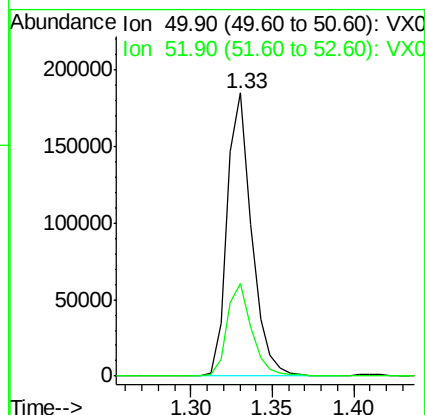
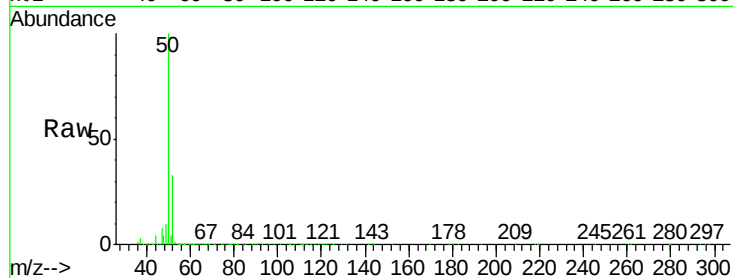
Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2

Manual Integrations
APPROVED

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2/1/2019 10:44:07 AM



#4

Vinyl Chloride

Concen: 40.175 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007302.D

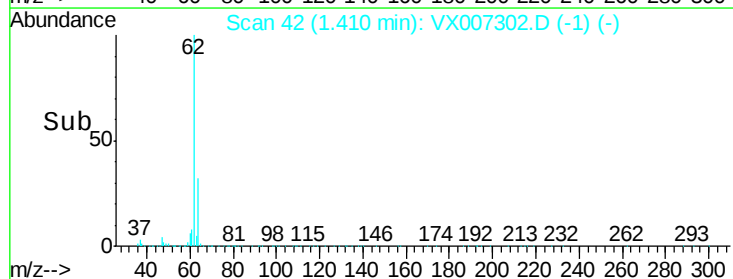
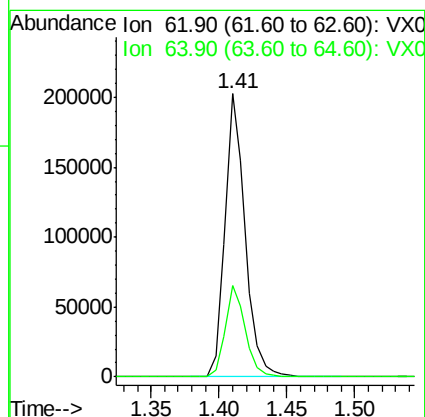
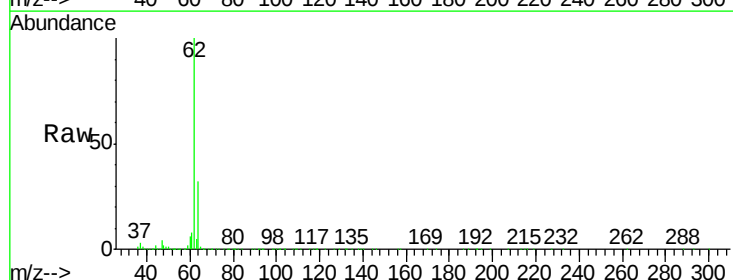
Acq: 30 Jan 2019 08:54

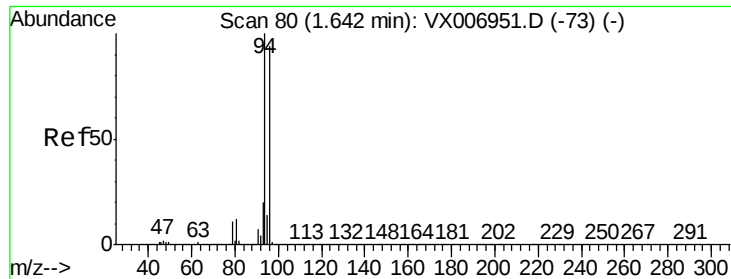
Tgt Ion: 62 Resp: 207511

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 38.766 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 213929

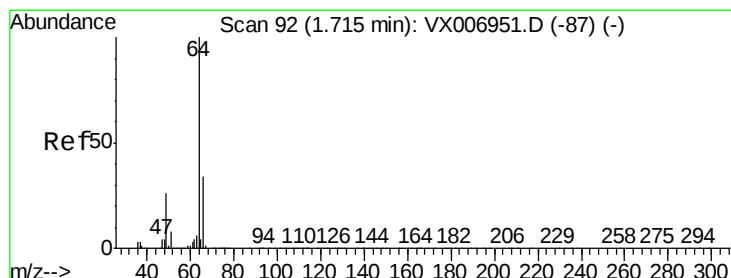
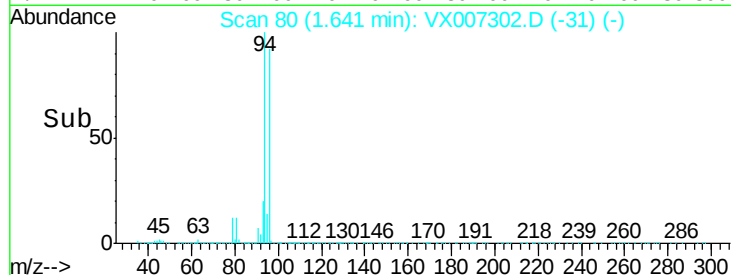
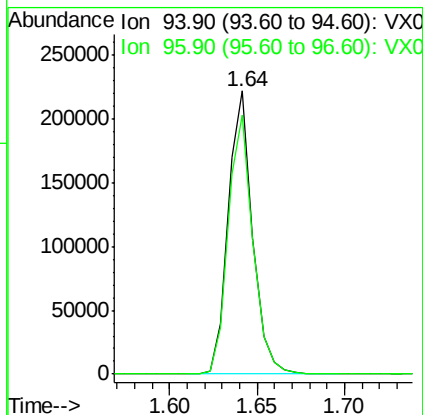
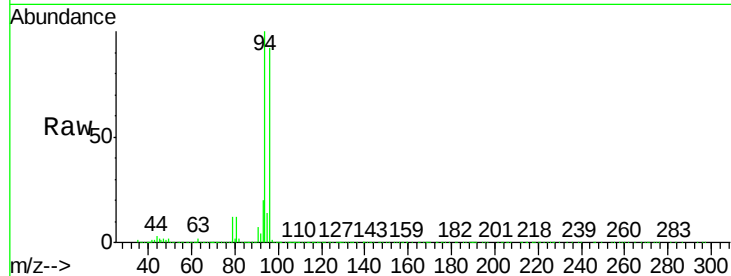
Ion Ratio Lower Upper

94 100

96 91.7 73.4 110.2

Manual Integrations
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2/1/2019 10:44:07 AM



#6

Chloroethane

Concen: 38.106 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007302.D

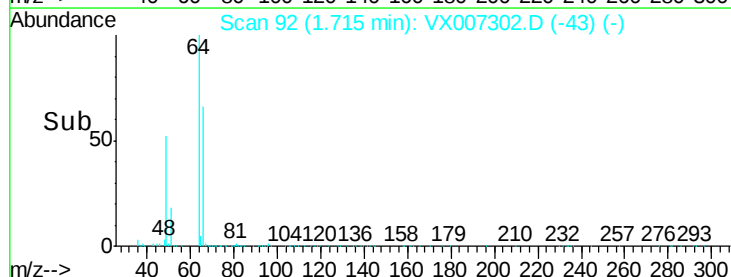
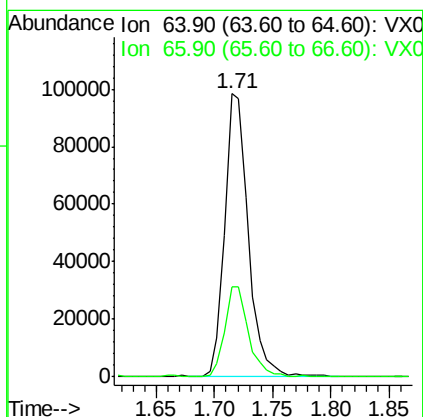
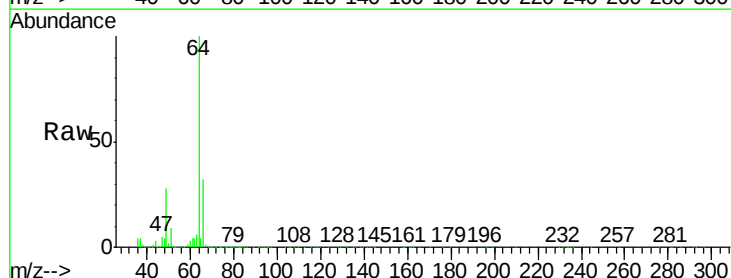
Acq: 30 Jan 2019 08:54

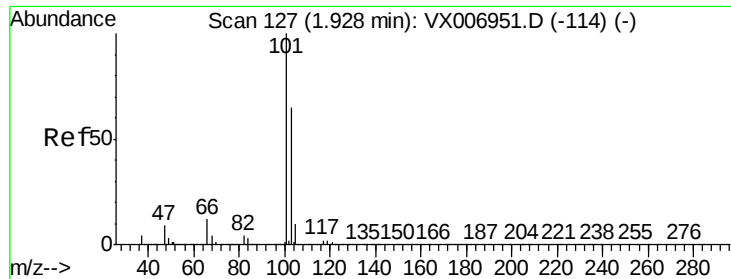
Tgt Ion: 64 Resp: 137434

Ion Ratio Lower Upper

64 100

66 31.7 26.4 39.6





#7

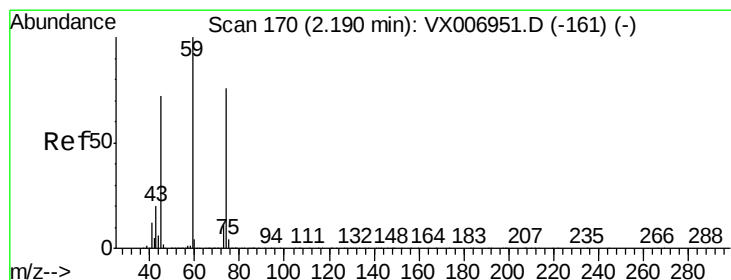
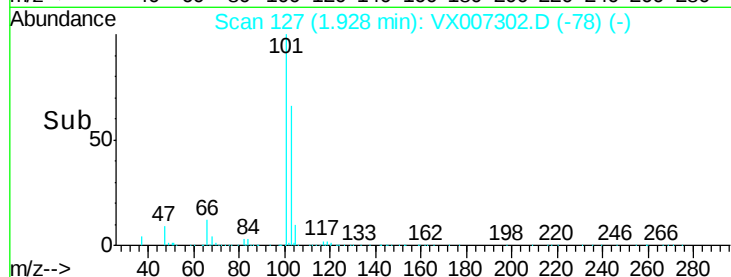
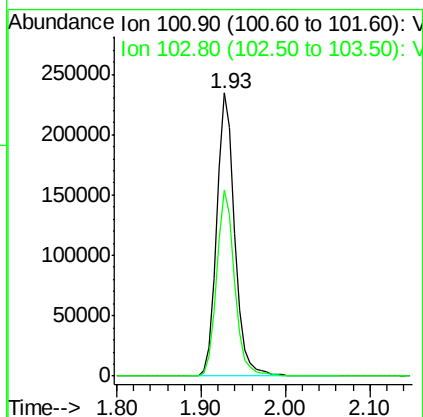
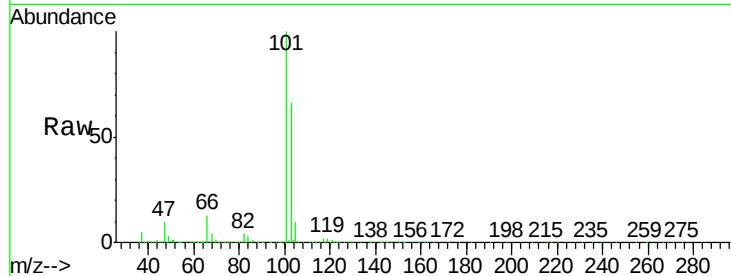
Trichlorofluoromethane
Concen: 41.596 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007302.D
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	53.2	79.8

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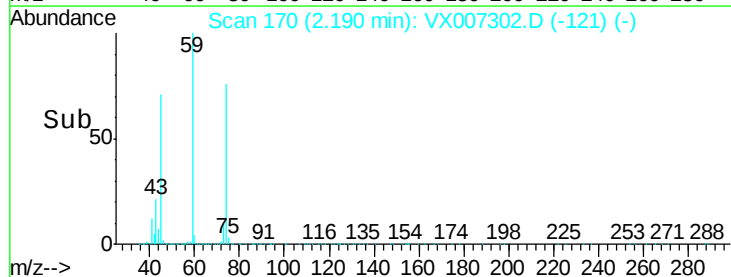
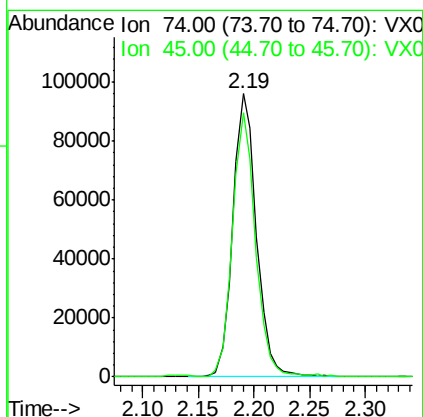
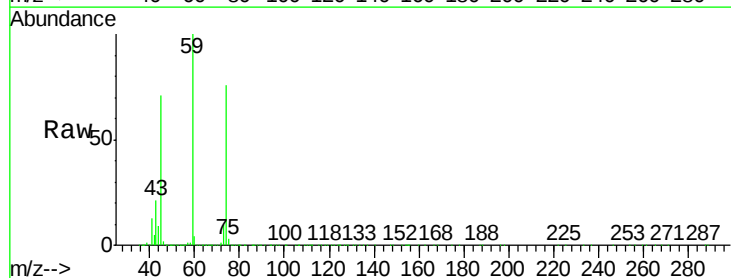
MMDadoda
2/1/2019 10:44:07 AM

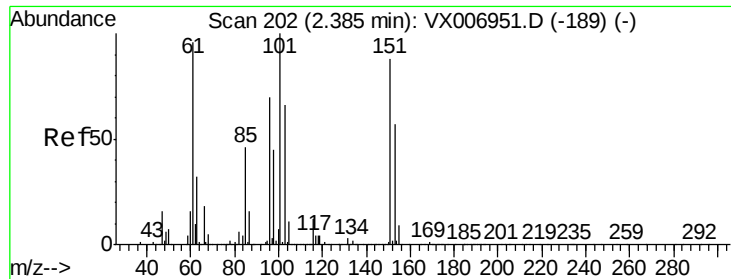


#8

Diethyl Ether
Concen: 42.230 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.0	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.224 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

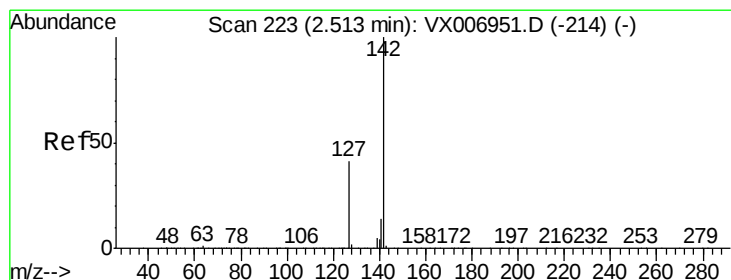
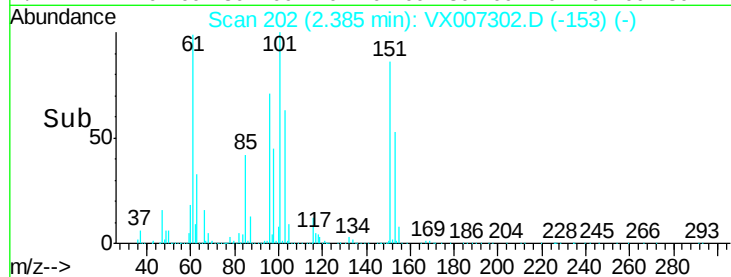
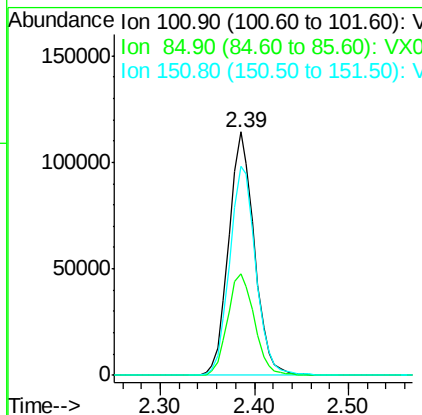
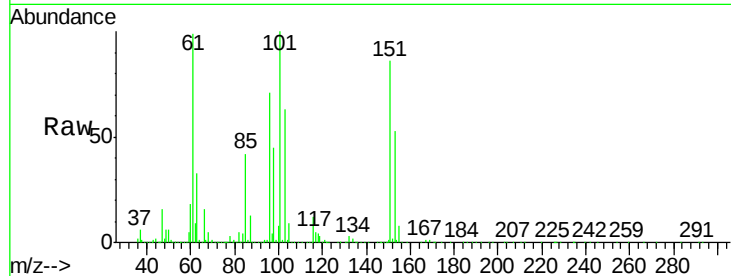
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	215973
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.1	52.7
151	87.8	68.9	103.3

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#10

Methyl Iodide

Concen: 46.551 ug/l

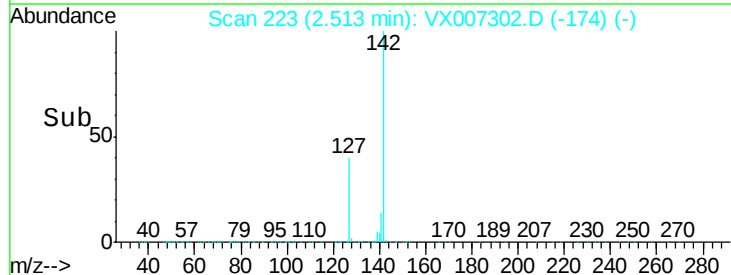
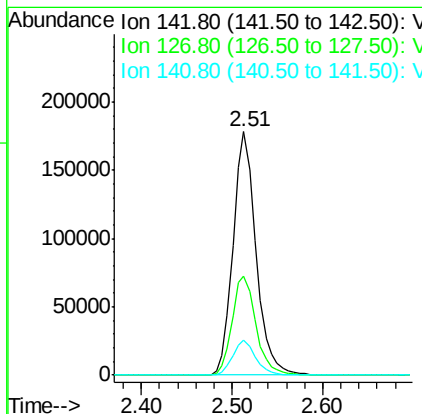
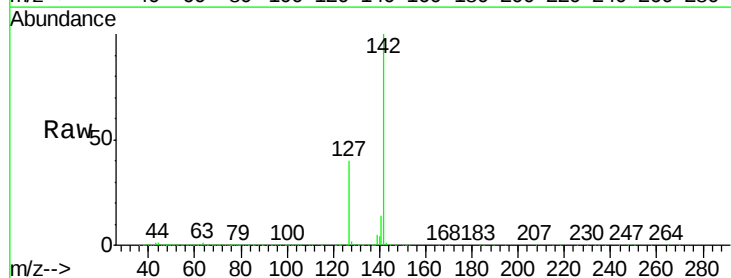
RT: 2.51 min Scan# 223

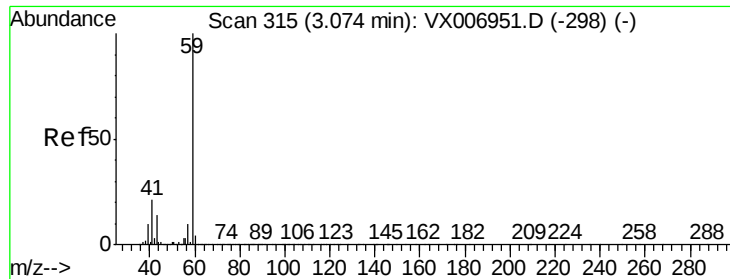
Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion:	142	Resp:	313749
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.9	50.9
141	14.4	11.4	17.0





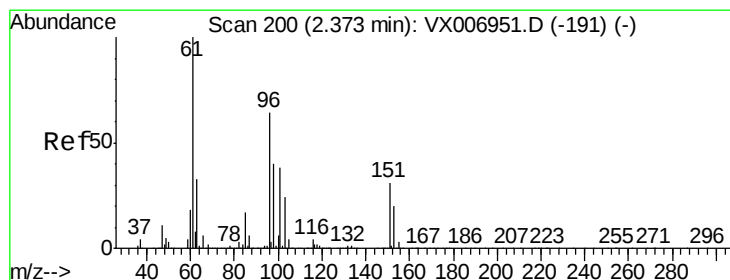
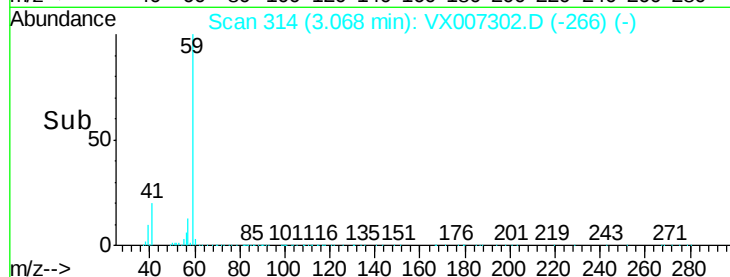
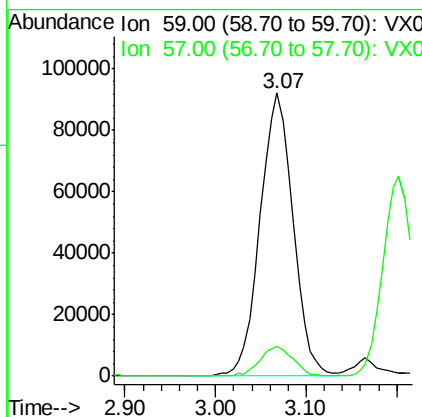
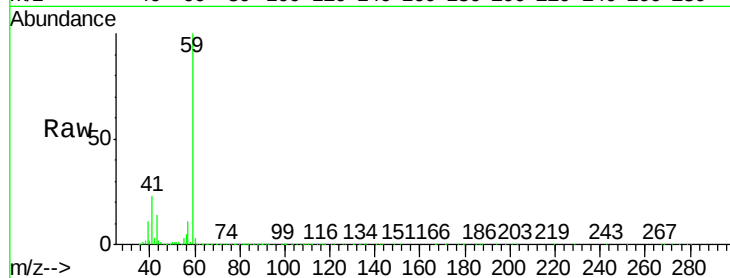
#11
Tert butyl alcohol
Concen: 187.571 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

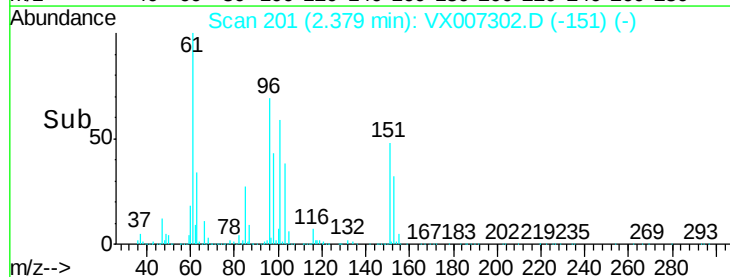
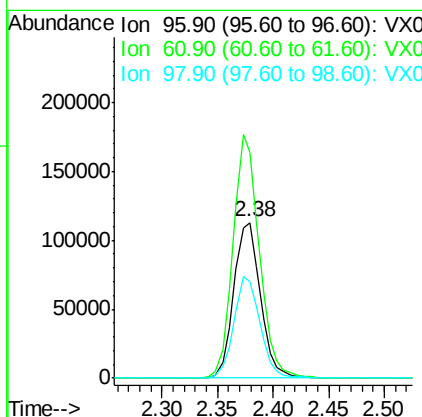
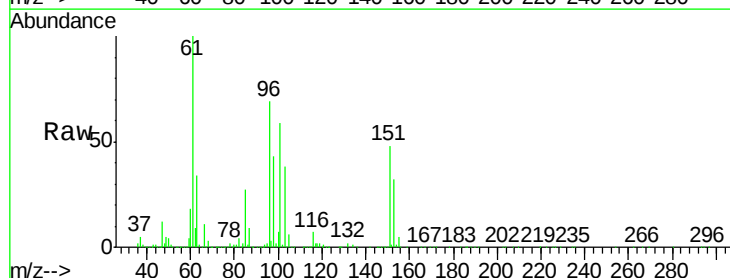
Manual Integrations
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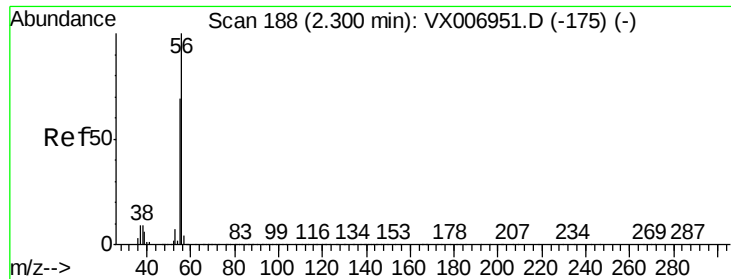
MMDadoda
2/1/2019 10:44:07 AM



#12
1,1-Dichloroethene
Concen: 40.518 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.7	121.4	182.2
98	62.4	51.9	77.9





#13

Acrolein

Concen: 155.338 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 82326

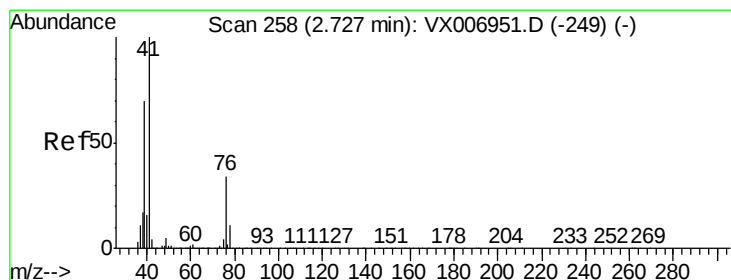
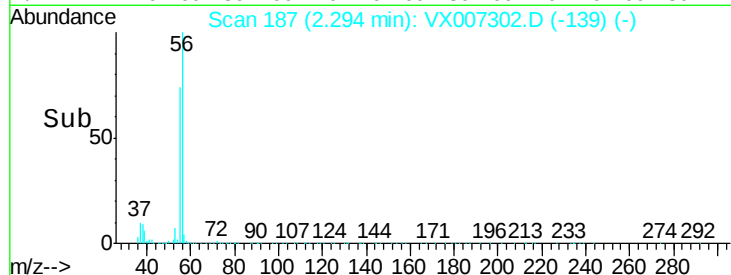
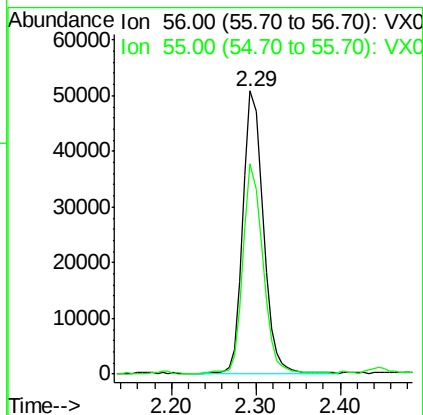
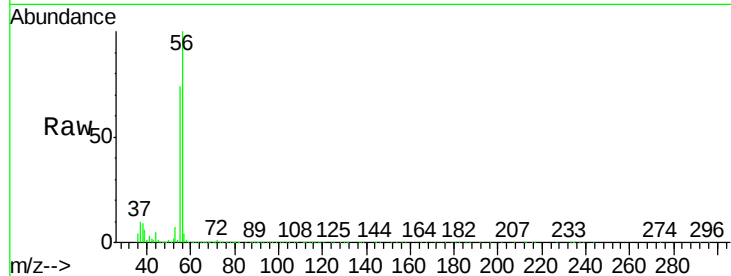
Ion Ratio Lower Upper

56 100

55 72.0 58.2 87.4

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#14

Allyl chloride

Concen: 42.055 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

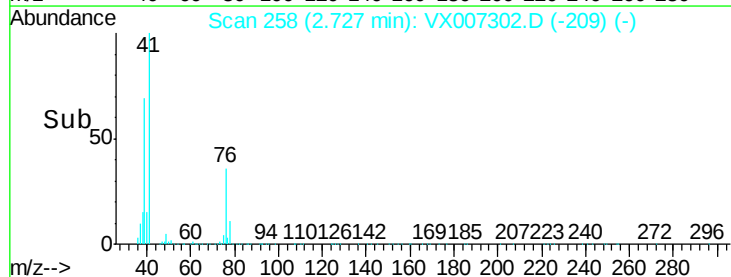
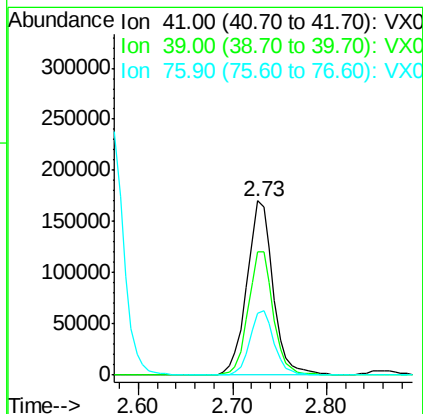
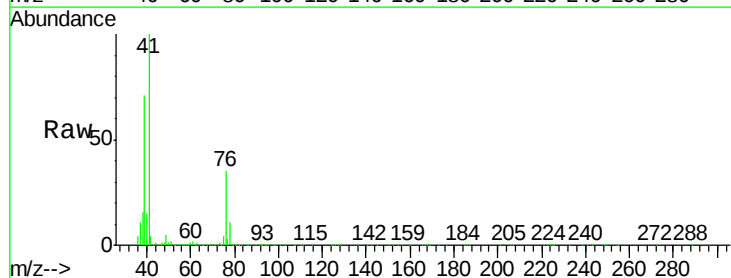
Tgt Ion: 41 Resp: 332719

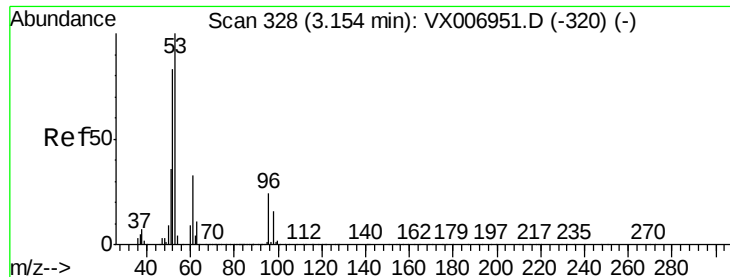
Ion Ratio Lower Upper

41 100

39 67.4 53.6 80.4

76 34.2 27.4 41.2





#15

Acrylonitrile

Concen: 215.536 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

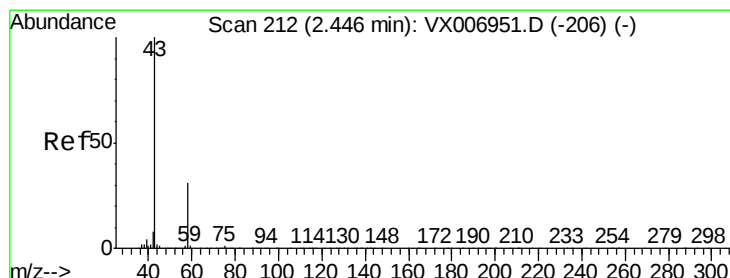
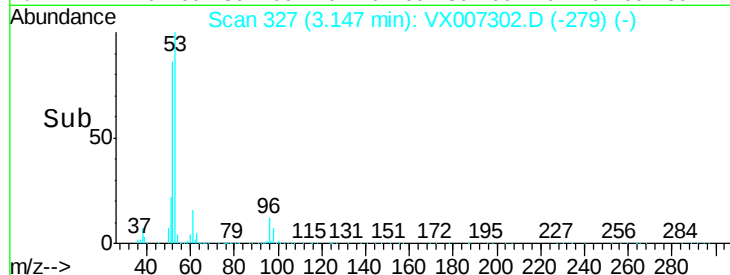
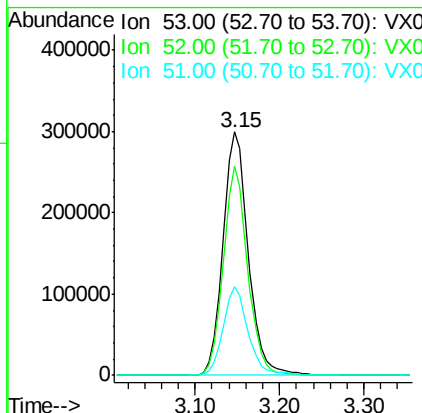
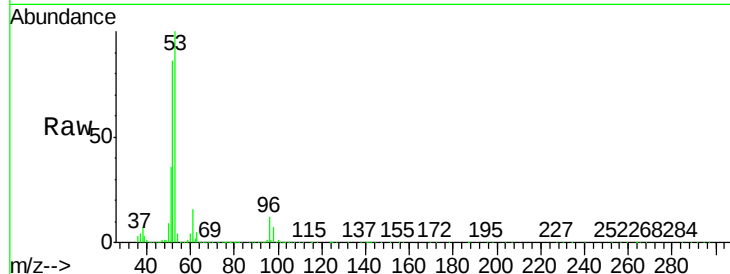
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	612687
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.0	99.0
51	36.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 239.039 ug/l

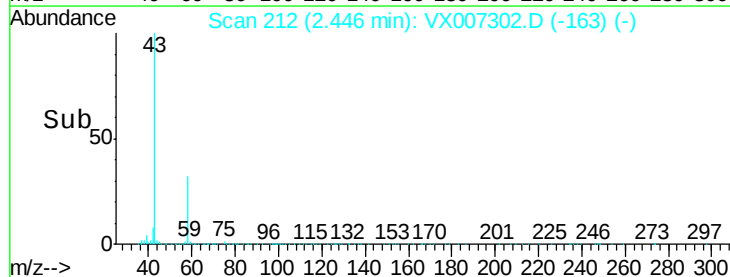
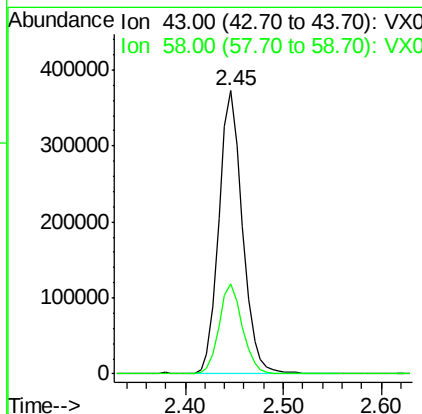
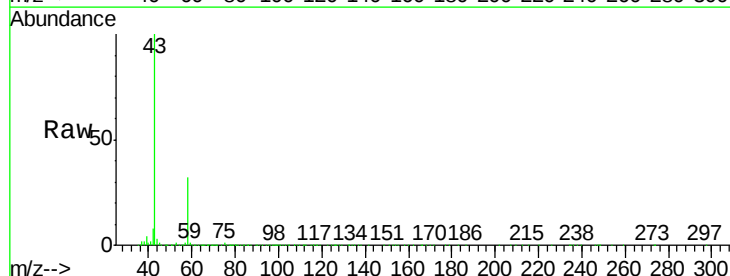
RT: 2.45 min Scan# 212

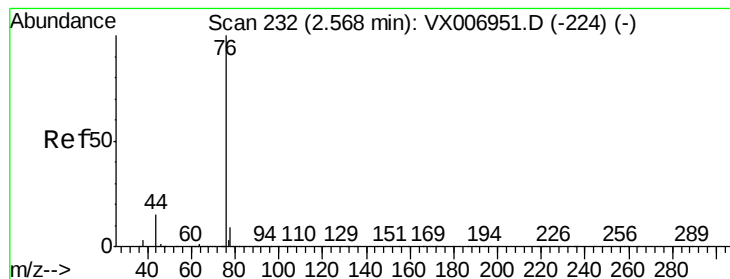
Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion:	43	Resp:	620324
Ion Ratio		Lower	Upper
43	100		
58	31.9	25.0	37.6





#17

Carbon Disulfide

Concen: 33.471 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 397816

Ion Ratio Lower Upper

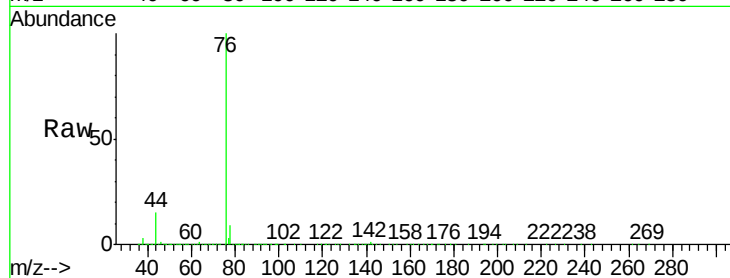
76 100

78 9.1 7.0 10.6

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

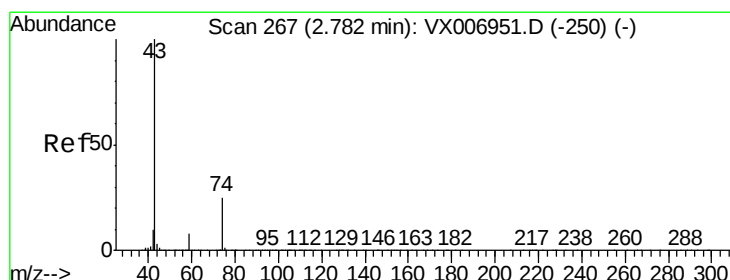
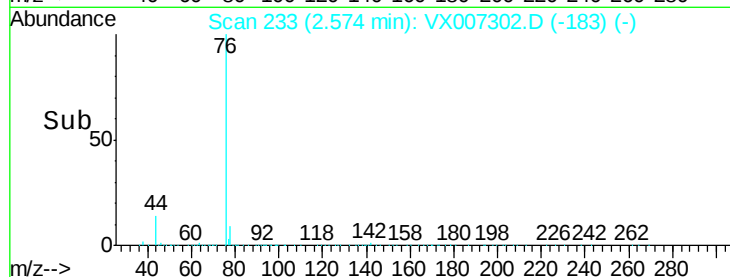
0

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 46.337 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007302.D

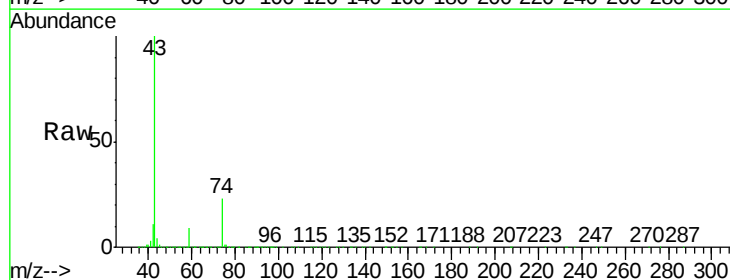
Acq: 30 Jan 2019 08:54

Tgt Ion: 43 Resp: 348233

Ion Ratio Lower Upper

43 100

74 23.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

200000

150000

100000

50000

0

2.70

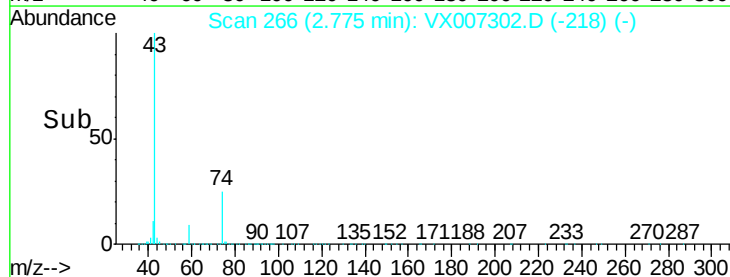
2.75

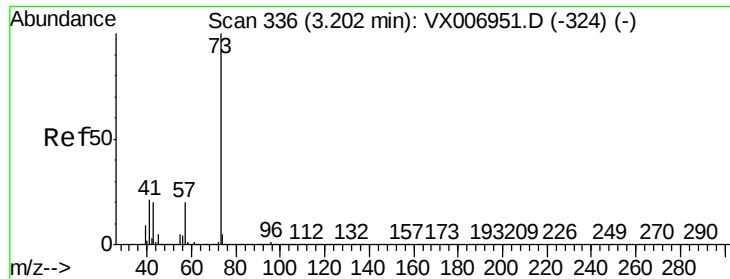
2.80

2.85

2.90

Time-->





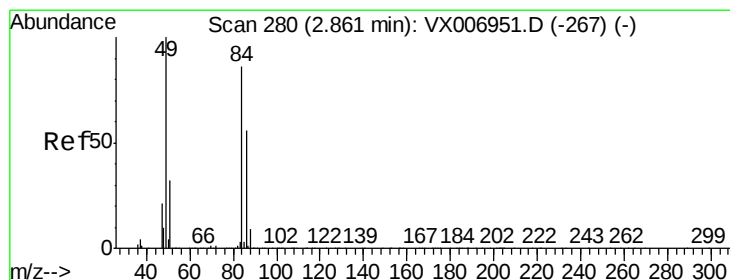
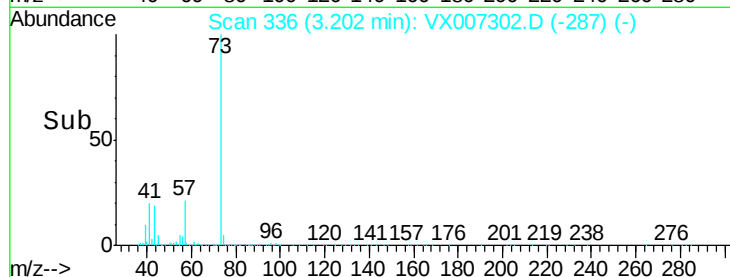
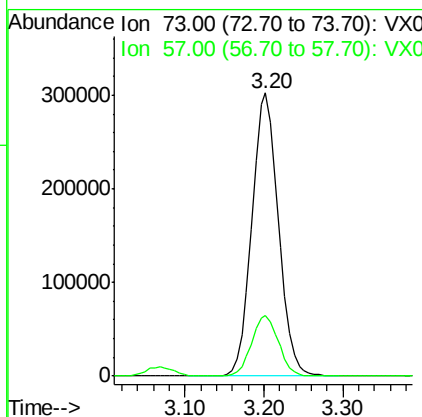
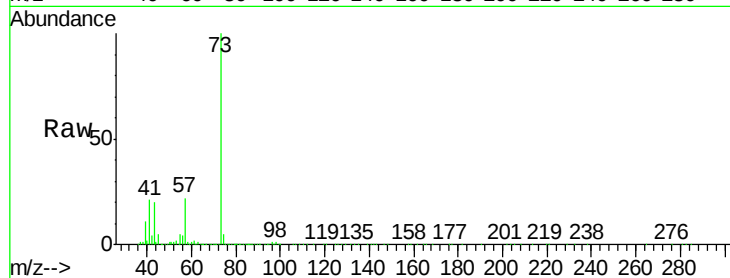
#19
Methvl tert-butvl Ether
Concen: 44.078 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

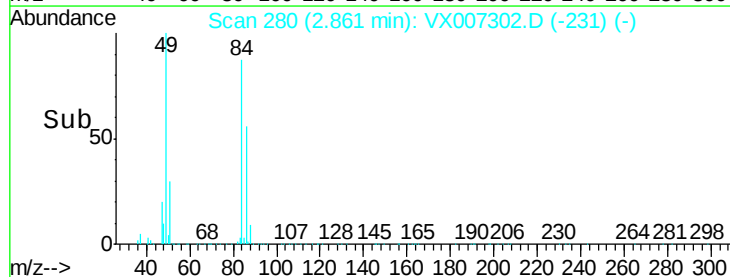
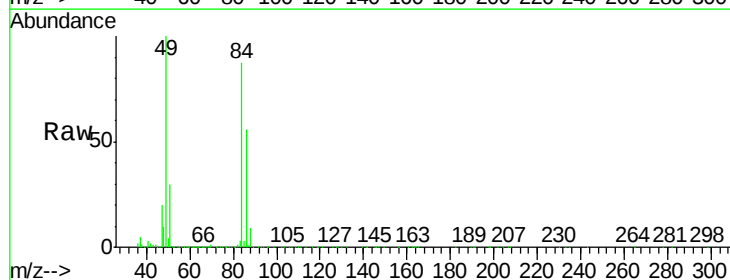
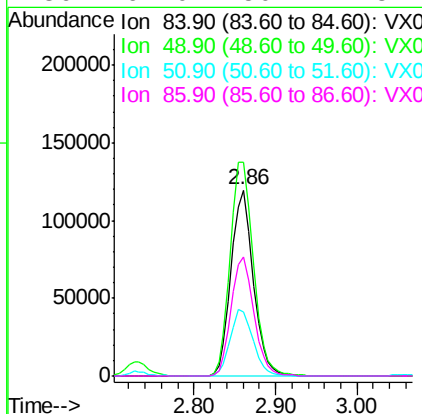
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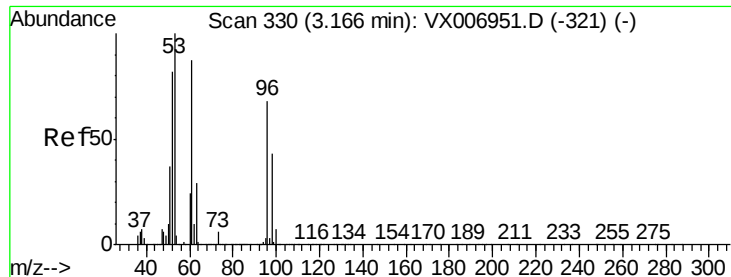
MMDadoda
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#20
Methylene Chloride
Concen: 45.602 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.7	91.8	137.6
51	34.4	28.5	42.7
86	64.0	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 40.126 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

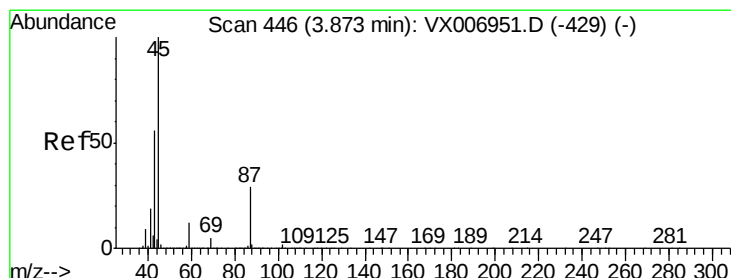
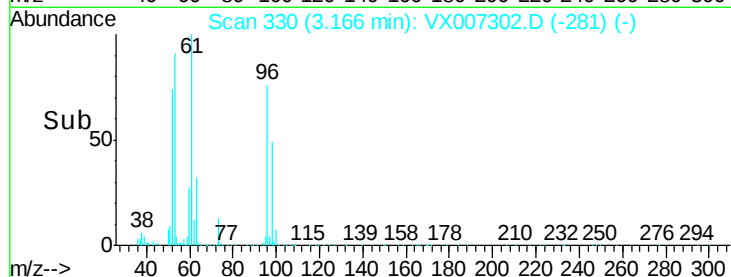
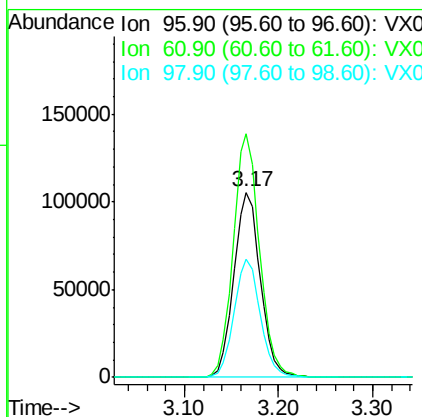
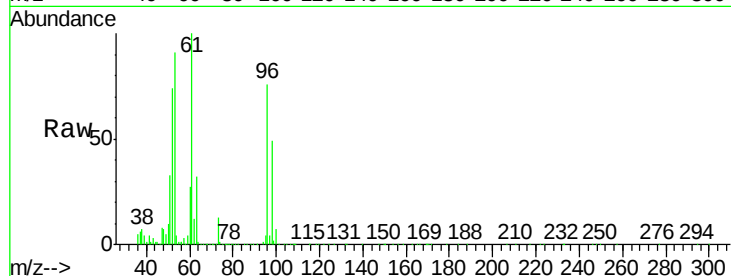
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	206427
Ion	Ratio	Lower	Upper
96	100		
61	131.3	103.7	155.5
98	63.9	51.0	76.6

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#22

Diisopropyl ether

Concen: 45.415 ug/l

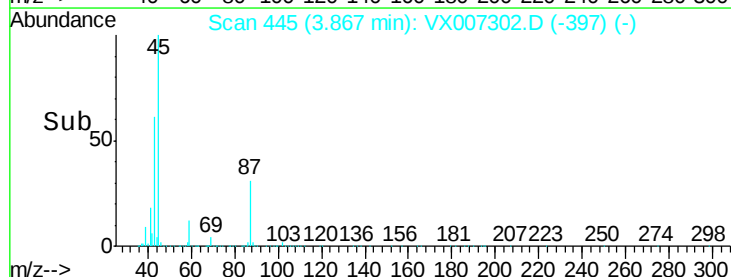
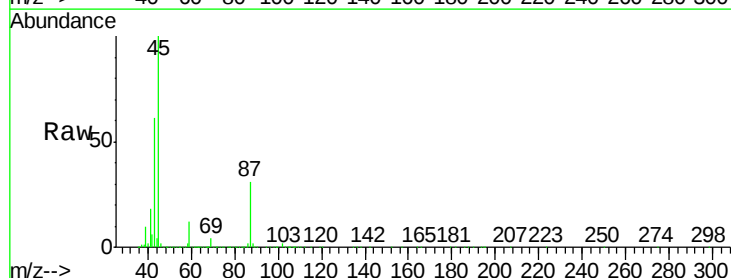
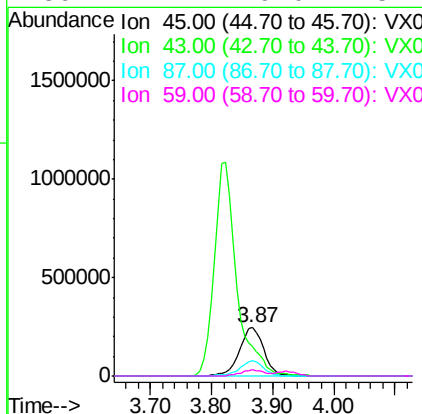
RT: 3.87 min Scan# 445

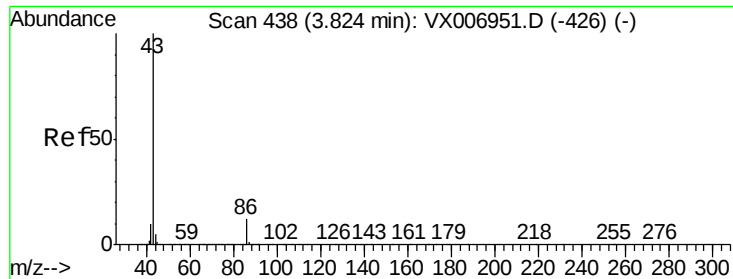
Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion:	45	Resp:	675486
Ion	Ratio	Lower	Upper
45	100		
43	61.1	51.2	76.8
87	31.5	25.8	38.6
59	12.1	9.0	13.4





#23

Vinyl Acetate

Concen: 226.252 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2837942

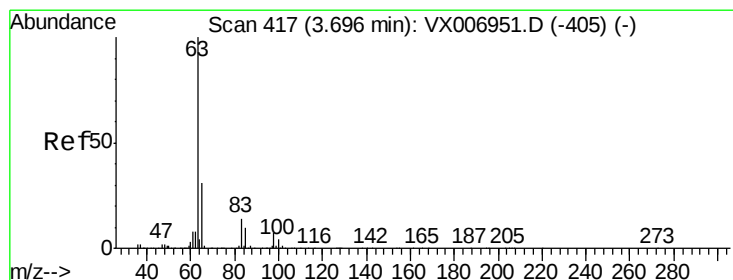
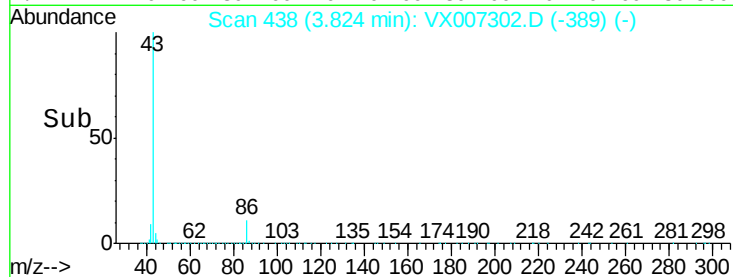
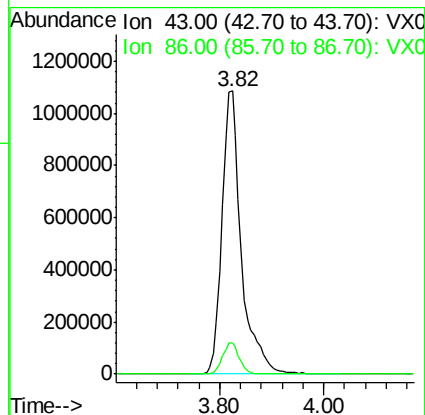
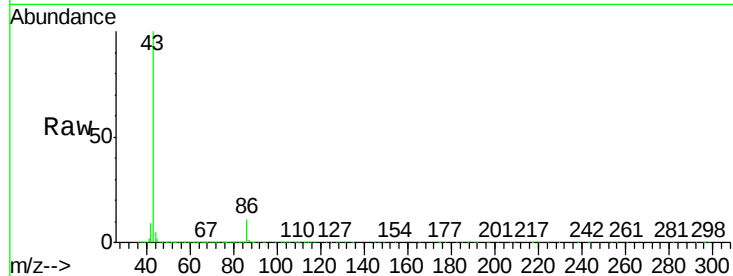
Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 46.387 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

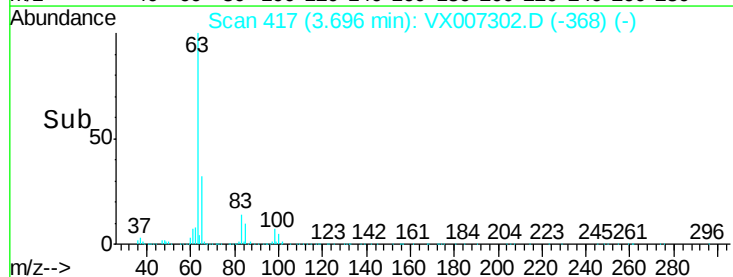
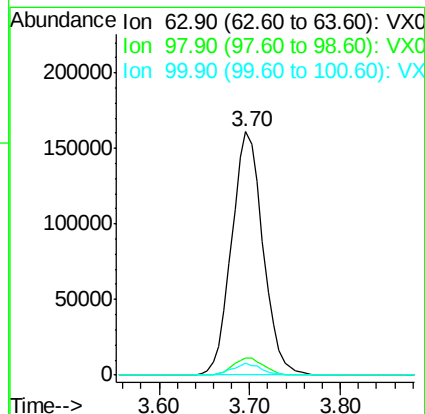
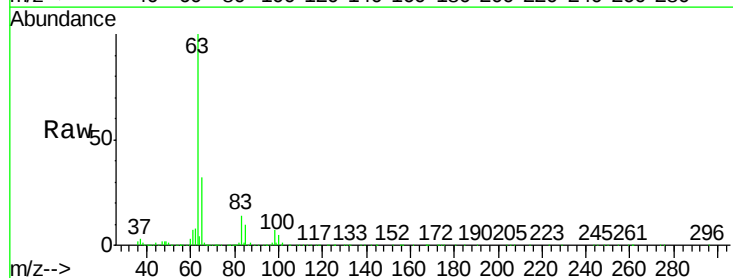
Tgt Ion: 63 Resp: 385794

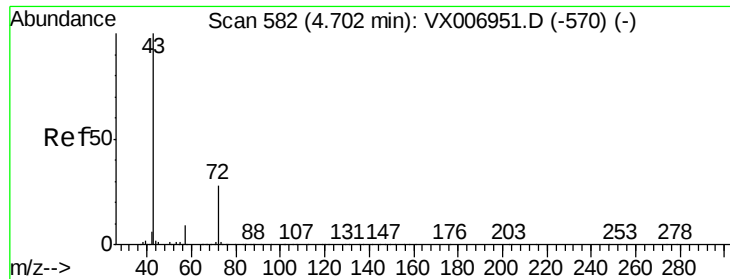
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 221.506 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tot Ion: 43 Resp: 822492

Ion Ratio Lower Upper

43 100

72 27.3 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

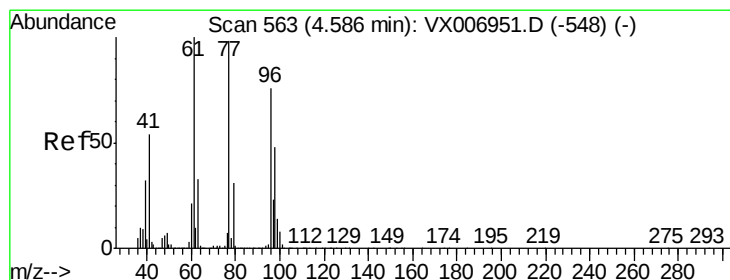
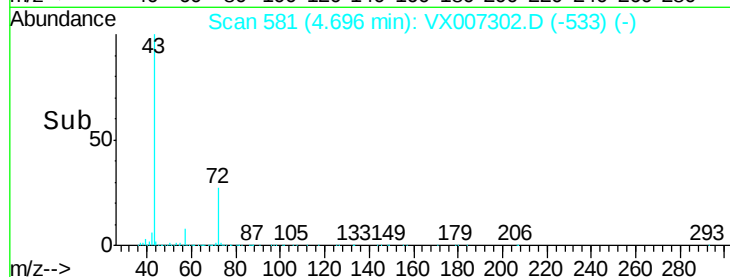
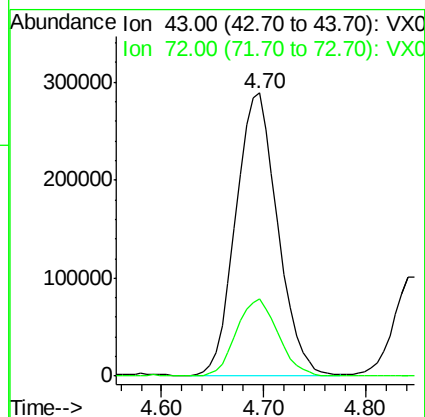
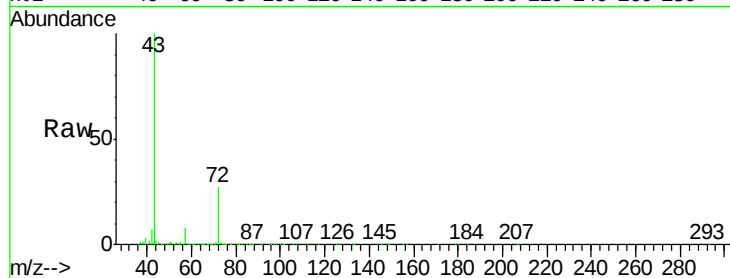
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.755 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007302.D

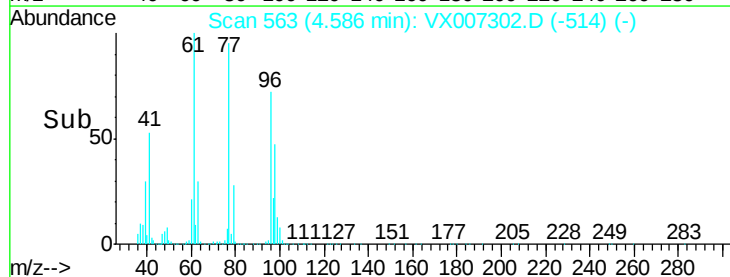
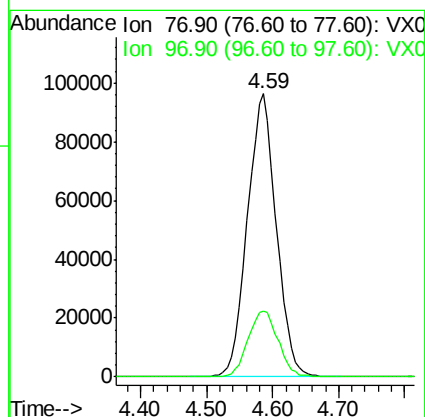
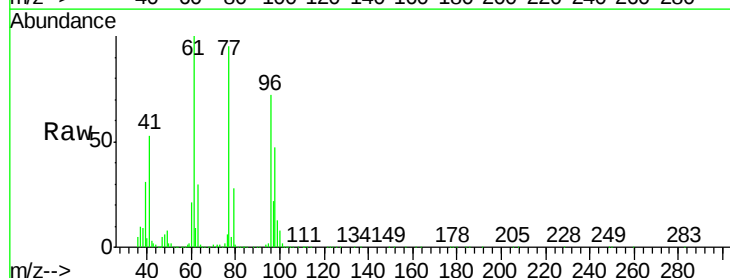
Acq: 30 Jan 2019 08:54

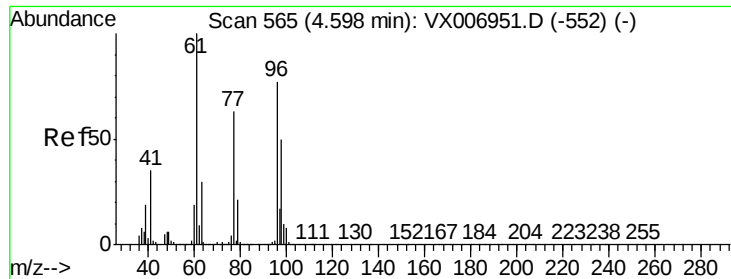
Tgt Ion: 77 Resp: 292619

Ion Ratio Lower Upper

77 100

97 24.3 12.4 37.4





#27

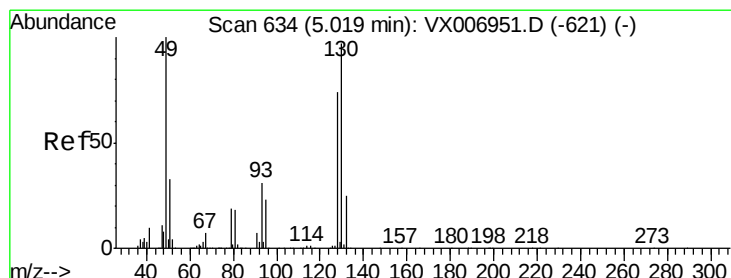
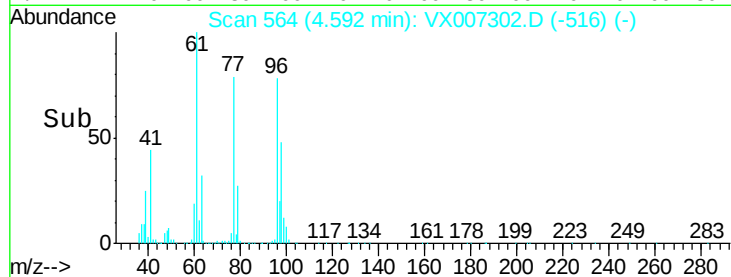
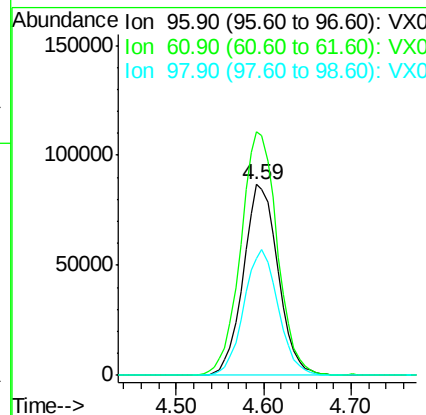
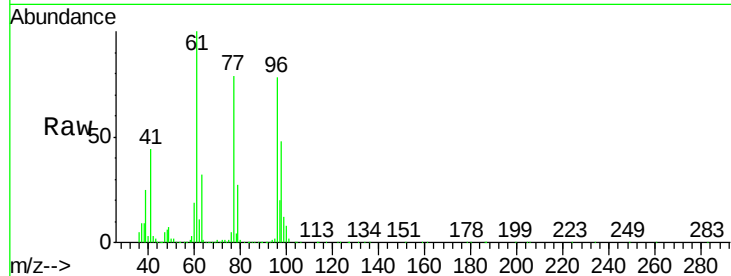
cis-1,2-Dichloroethene
 Concen: 42.127 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	239045		
61	134.6	0.0	258.6	
98	65.6	0.0	132.0	

Manual Integrations
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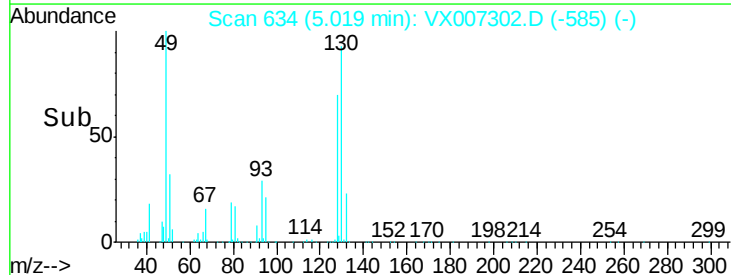
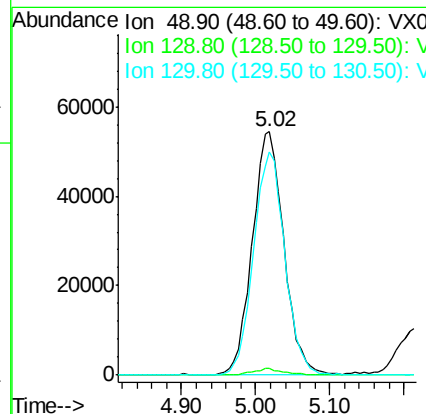
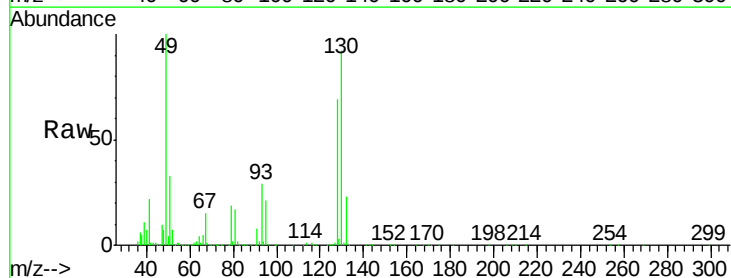
MMDadoda
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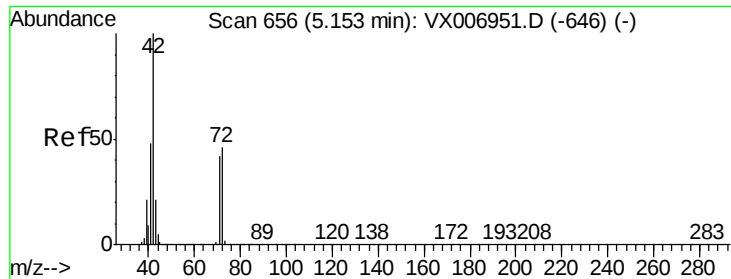


#28

Bromochloromethane
 Concen: 44.481 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	162082		
129	2.6	0.0	5.4	
130	90.9	77.7	116.5	





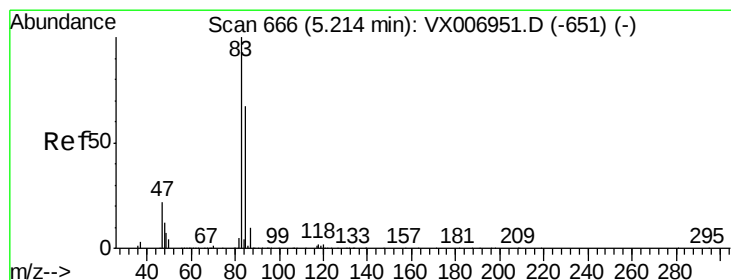
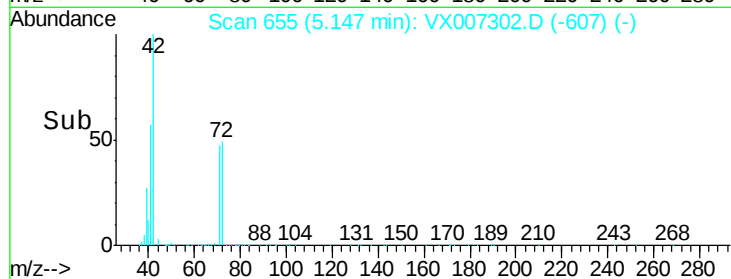
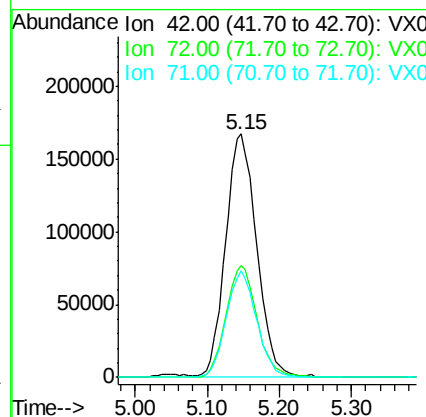
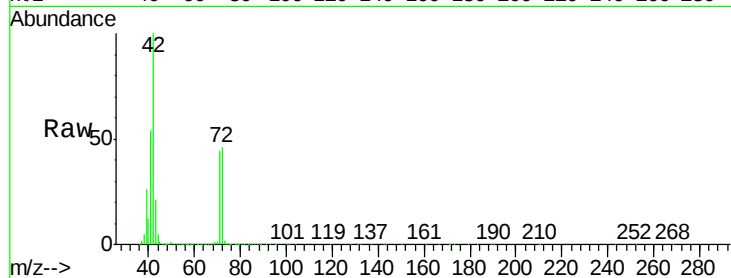
#29
Tetrahydrofuran
Concen: 207.759 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	38.9	58.3
71	42.9	36.2	54.4

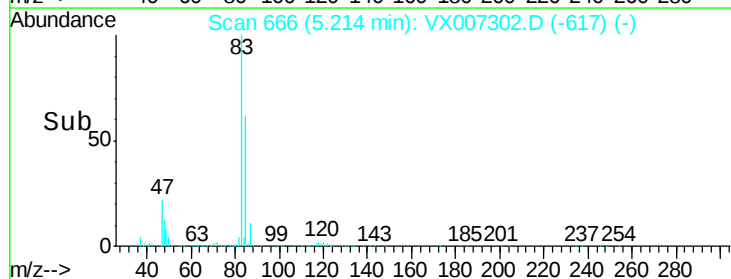
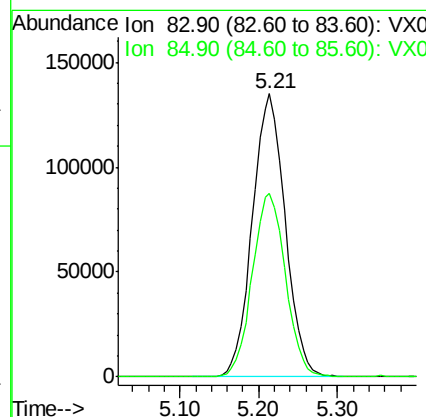
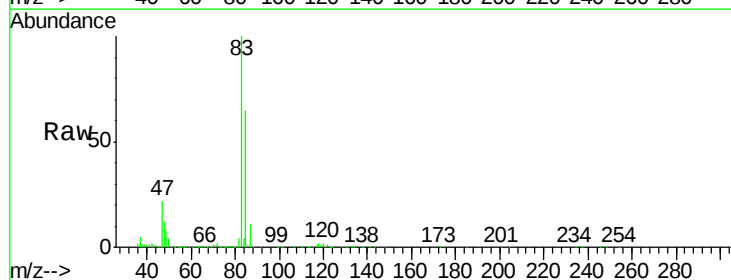
Manual Integrations
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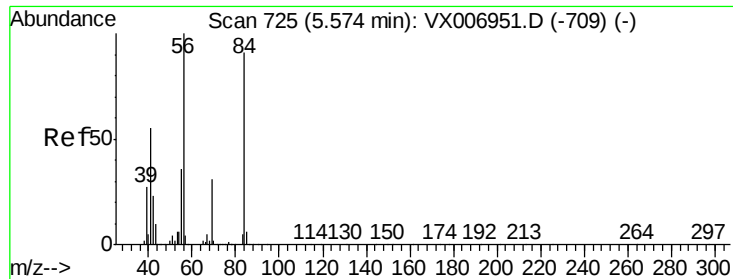
MMDadoda
2/1/2019 10:44:07 AM



#30
Chloroform
Concen: 44.951 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.2	76.8





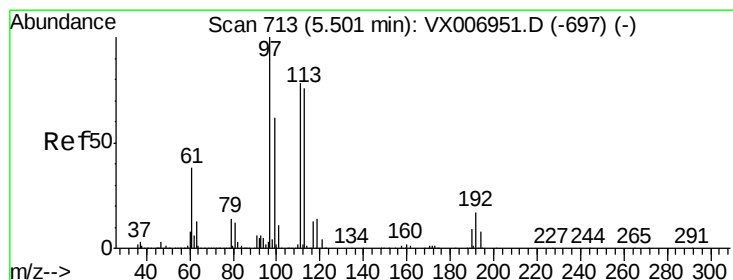
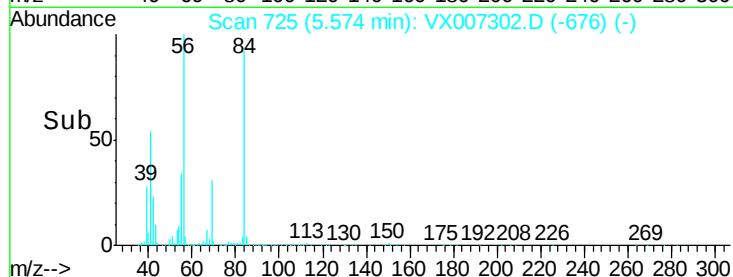
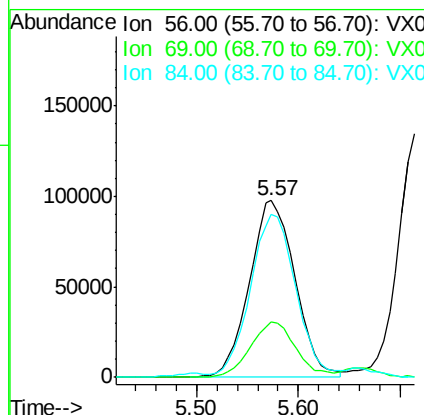
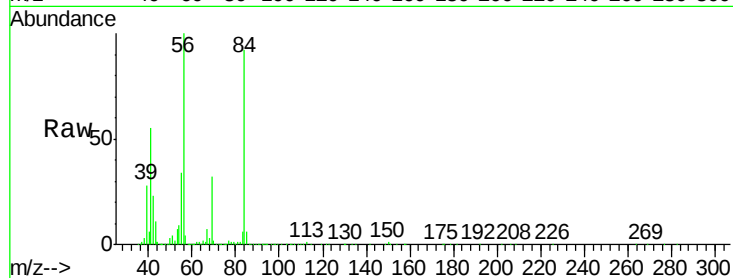
#31
Cyclohexane
Concen: 40.686 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.4	36.6
84	90.1	70.0	105.0

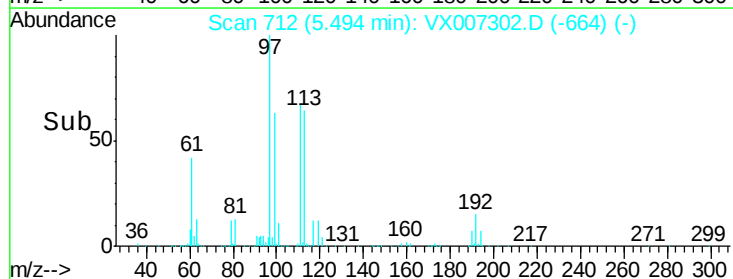
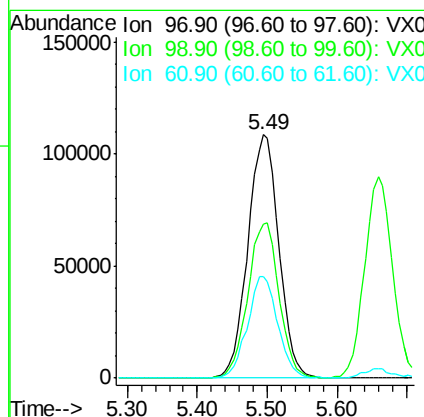
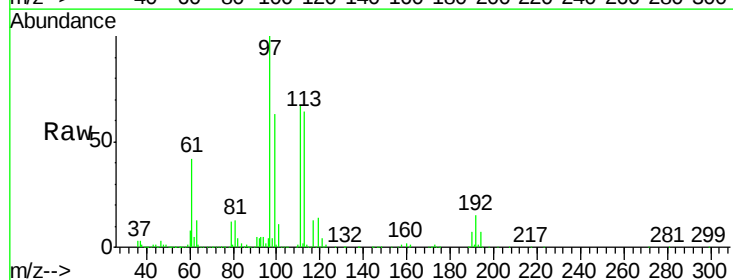
Manual Integrations
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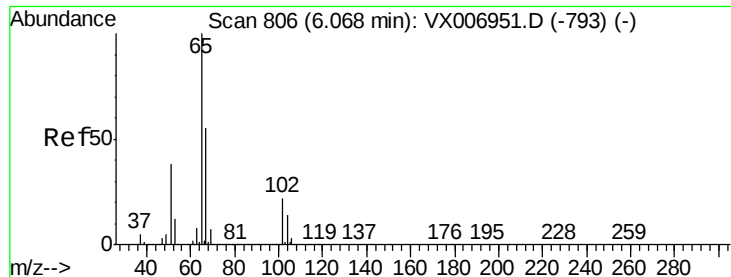
MMDadoda
2/1/2019 10:44:07 AM



#32
1,1,1-Trichloroethane
Concen: 45.306 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	40.8	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 44.321 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tot Ion: 65 Resp: 232652

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.0

Instrument :

MSVOA_X

ClientSampled :

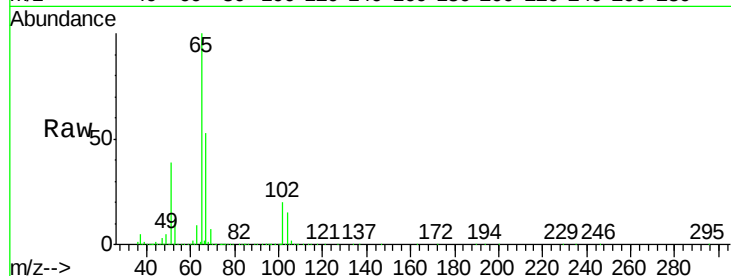
VSTDCCC050

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

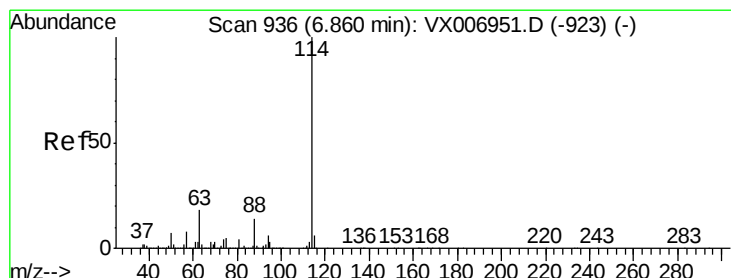
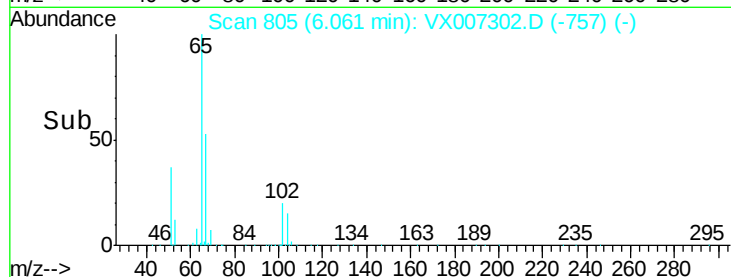
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

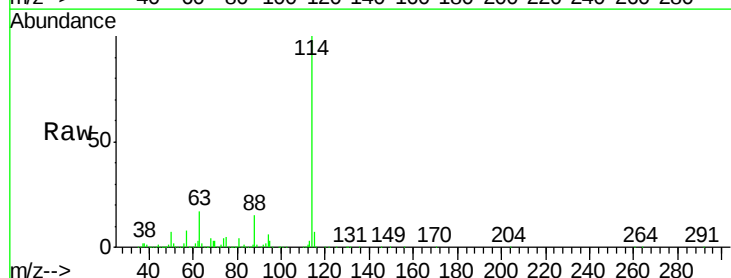
Tgt Ion: 114 Resp: 724585

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.8

88 14.6 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

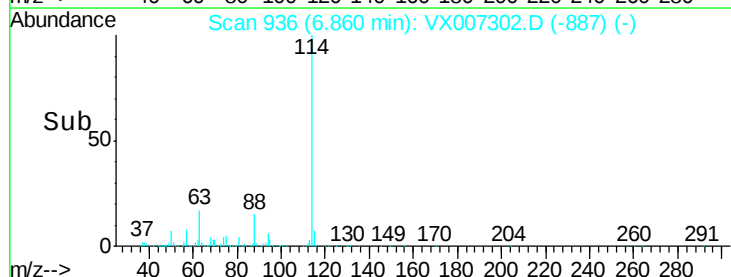
300000

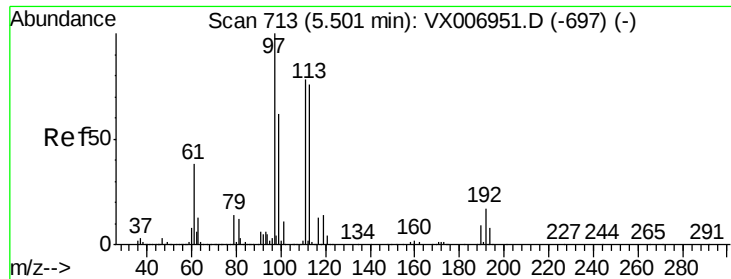
200000

100000

0

Time-->





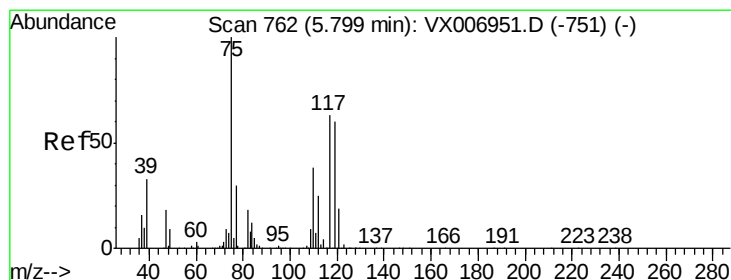
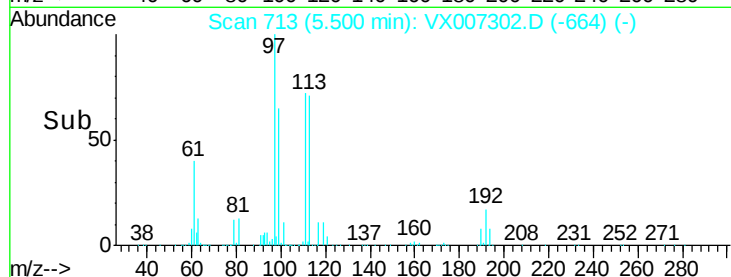
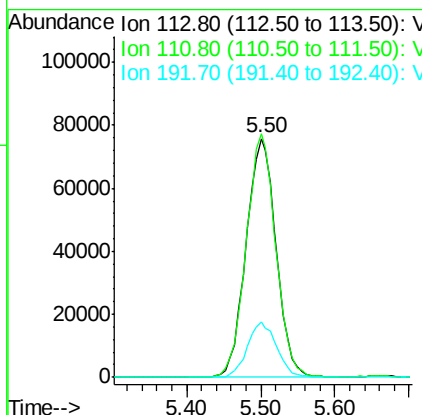
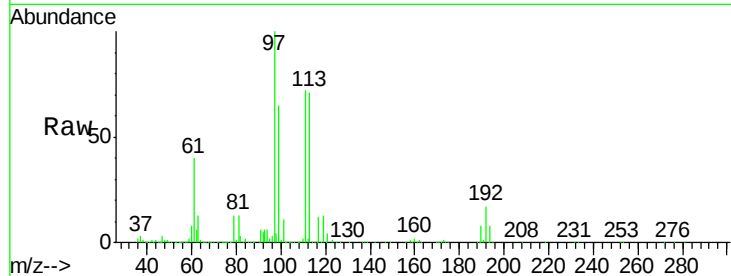
#35
 Dibromofluoromethane
 Concen: 46.134 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.6	122.4
192	22.7	16.7	25.1

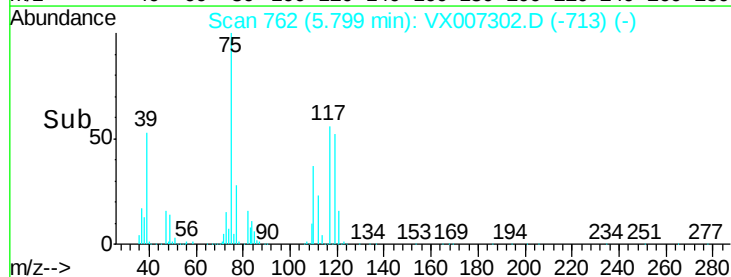
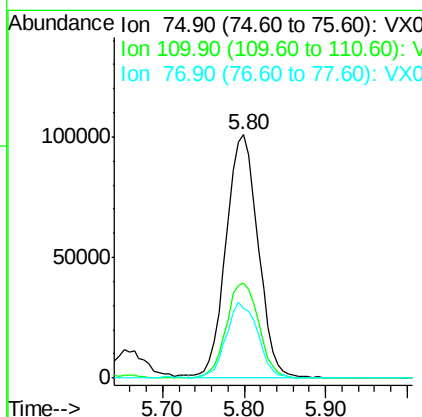
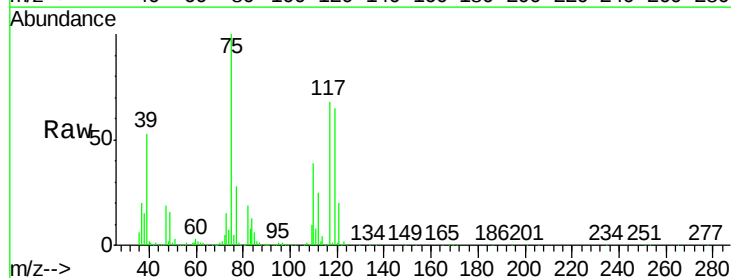
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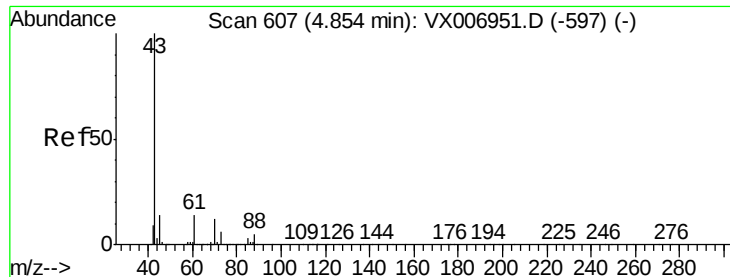
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#36
 1,1-Dichloropropene
 Concen: 43.407 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.9	20.2	60.5
77	30.6	24.8	37.2





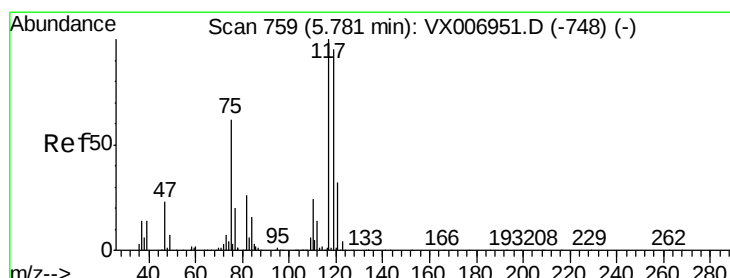
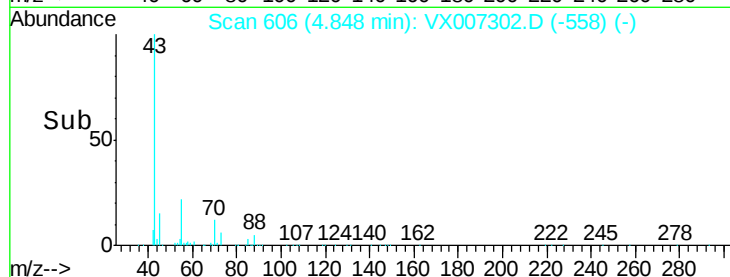
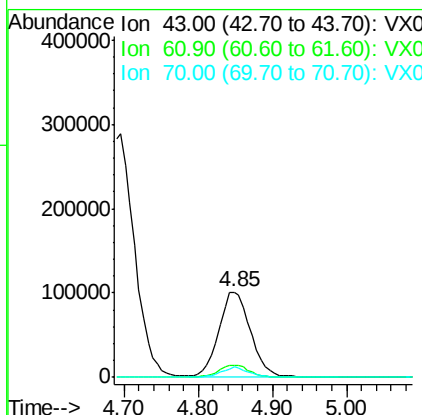
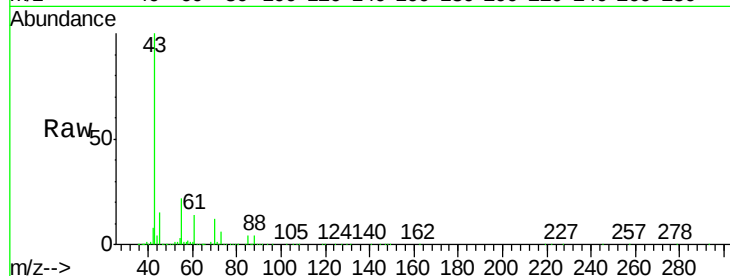
#37
Ethyl Acetate
Concen: 44.319 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	299321
Ion Ratio	Lower	Upper	
43	100		
61	13.7	11.9	17.9
70	10.9	9.7	14.5

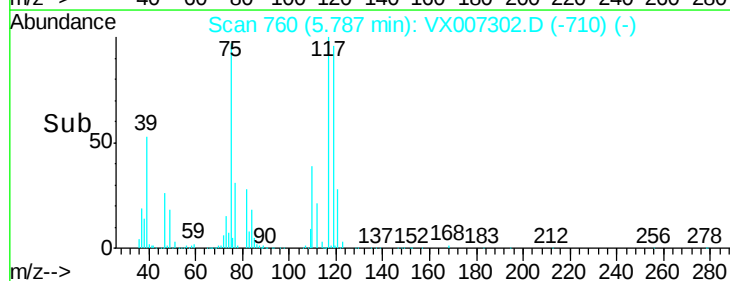
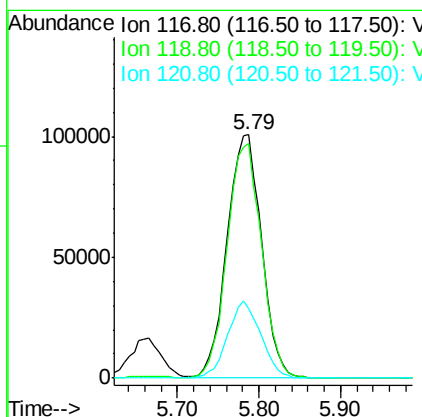
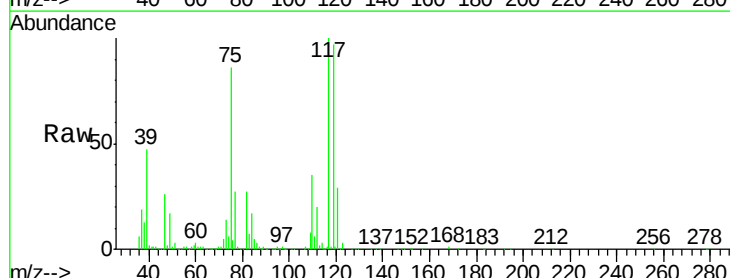
Manual Integrations
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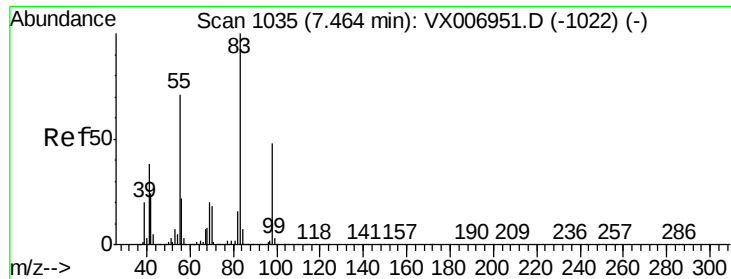
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#38
Carbon Tetrachloride
Concen: 46.450 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	117	Resp	294412
Ion Ratio	Lower	Upper	
117	100		
119	96.5	79.4	119.2
121	28.5	24.0	36.0





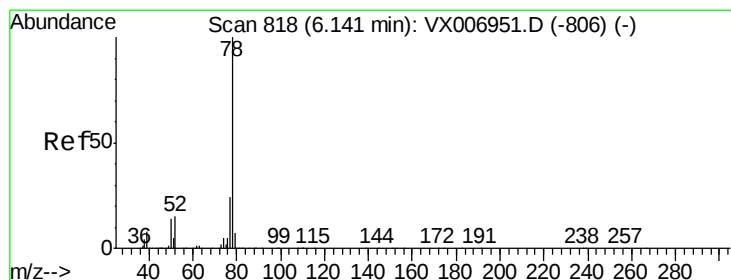
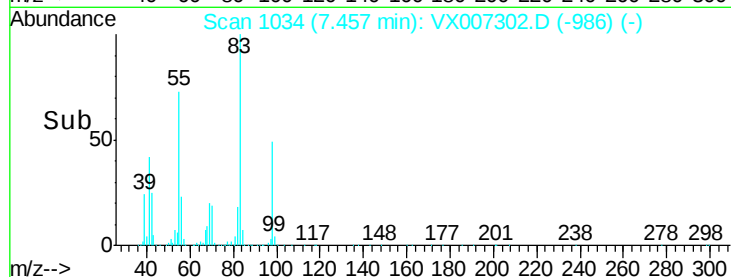
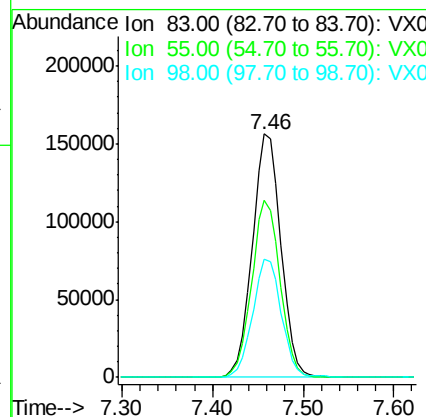
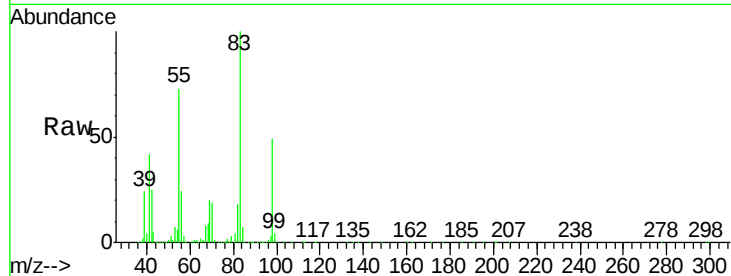
#39
Methvlcvclohexane
Concen: 42.331 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.7	54.9	82.3
98	48.8	37.9	56.9

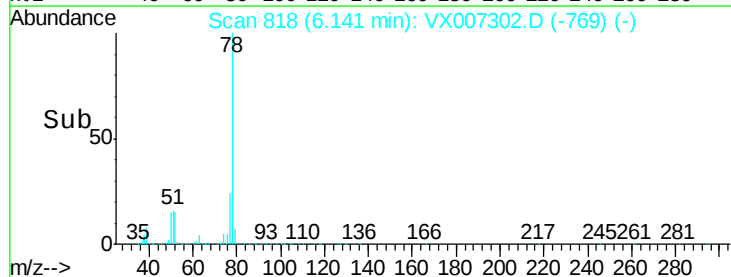
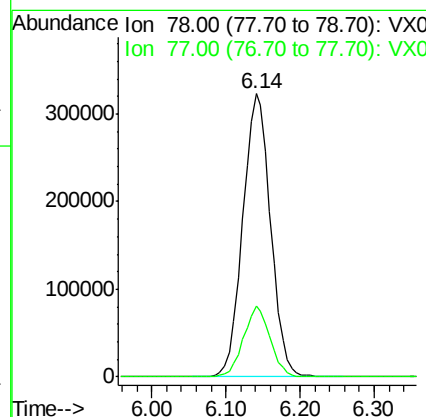
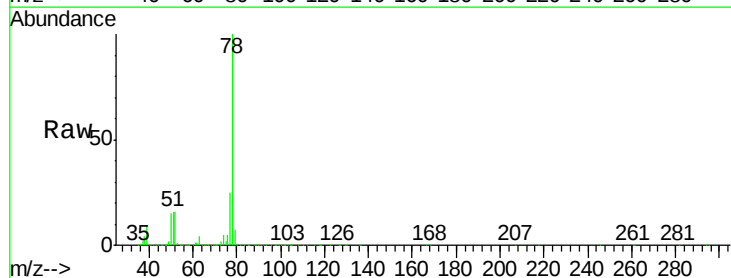
Manual Integrations
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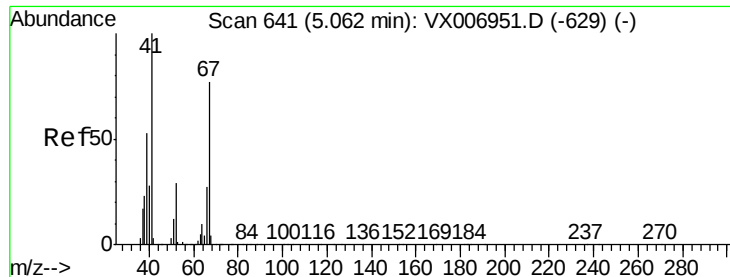
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#40
Benzene
Concen: 43.940 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.2	28.8





#41

Methacrylonitrile

Concen: 43.026 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

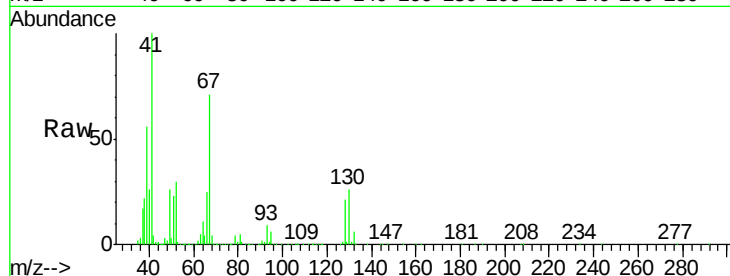
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.5	42.8	64.2	
67	77.7	62.1	93.1	
52	30.2	23.4	35.0	

Manual Integrations
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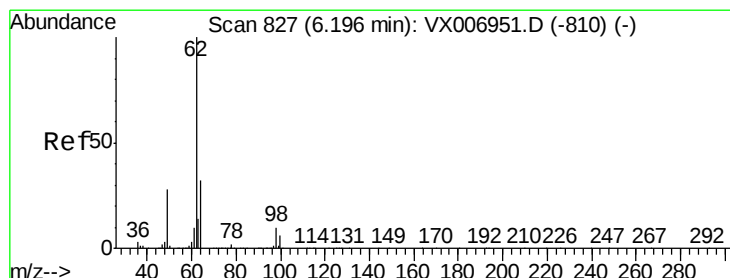
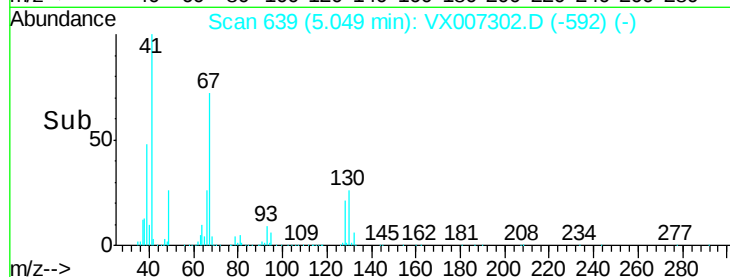
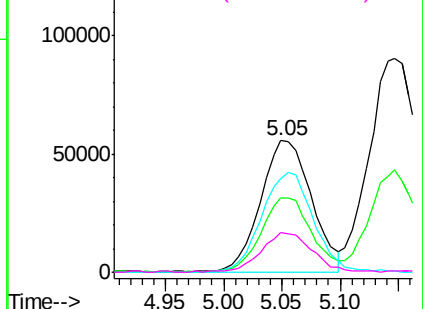


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 44.527 ug/l

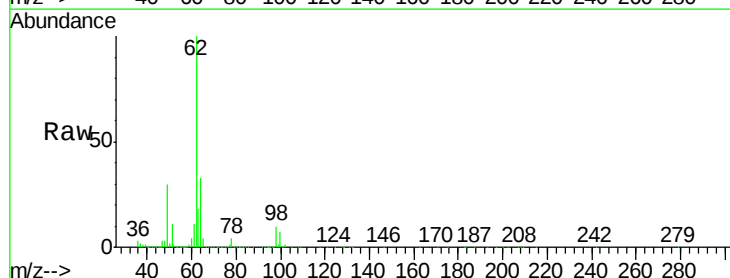
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007302.D

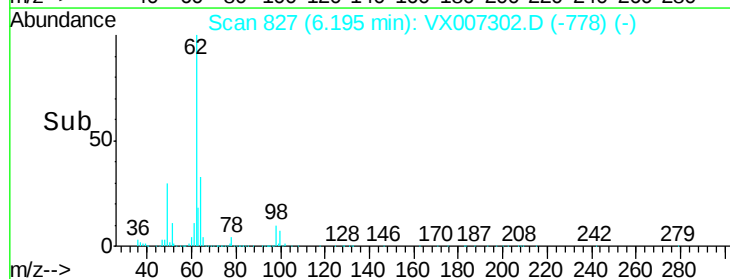
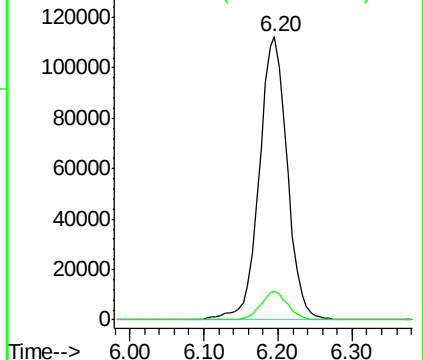
Acq: 30 Jan 2019 08:54

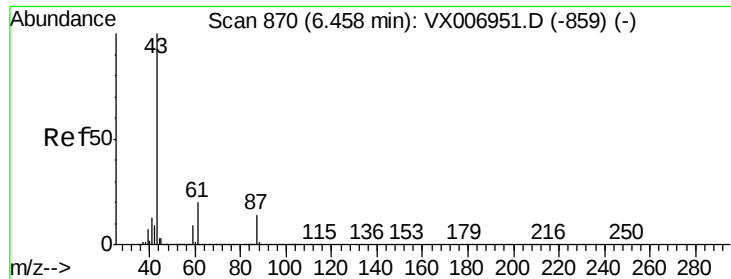
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	20.2	



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

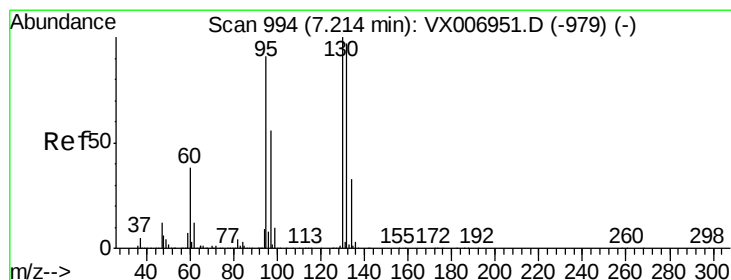
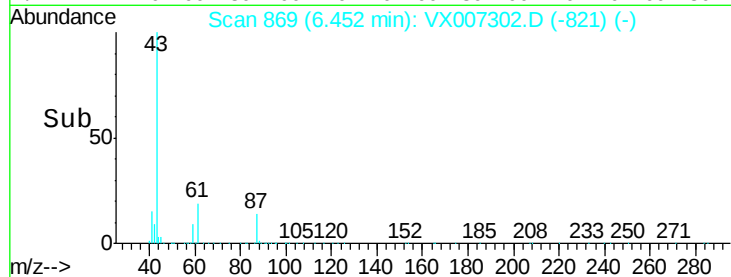
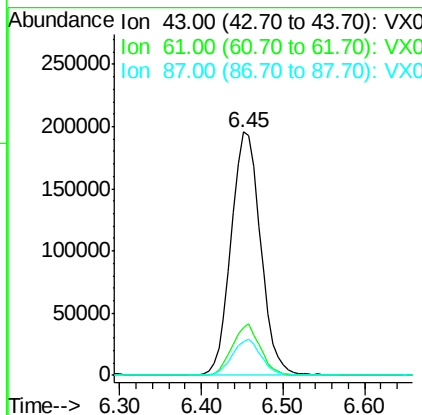
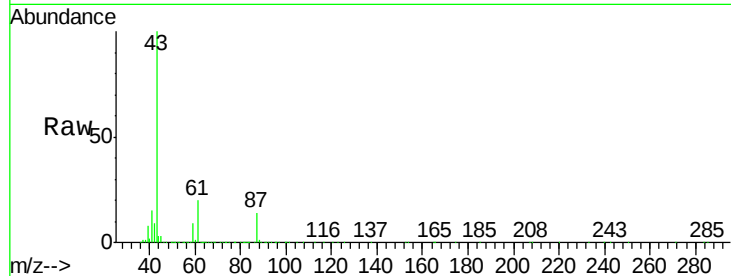
Isopropyl Acetate
 Concen: 45.603 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.8	25.2
87	14.4	12.4	18.6

Manual Integrations
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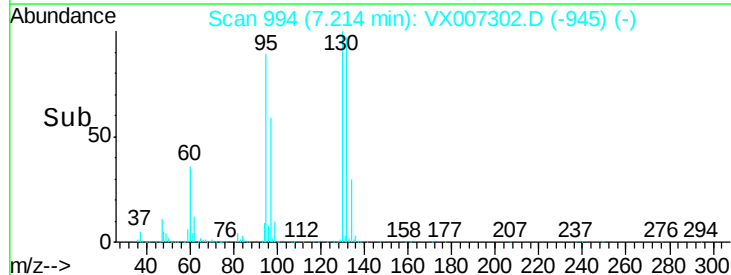
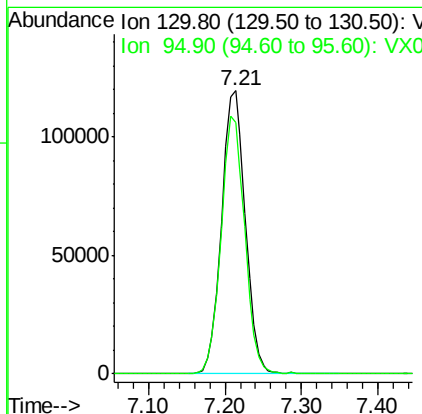
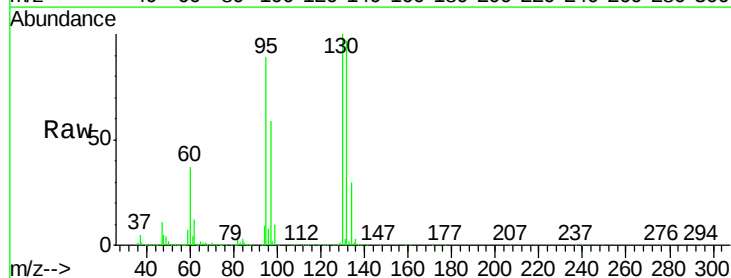
MMDadoda
 2/1/2019 10:44:07 AM

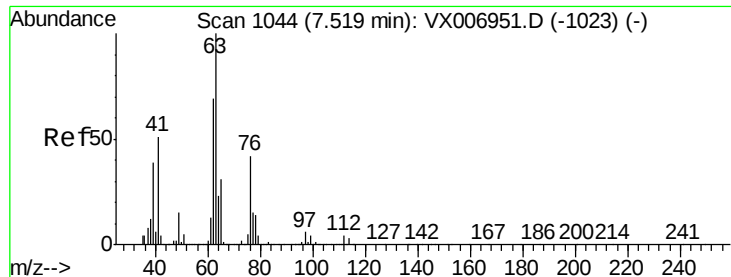


#44

Trichloroethene
 Concen: 44.665 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 45.700 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 220846

Ion Ratio Lower Upper

63 100

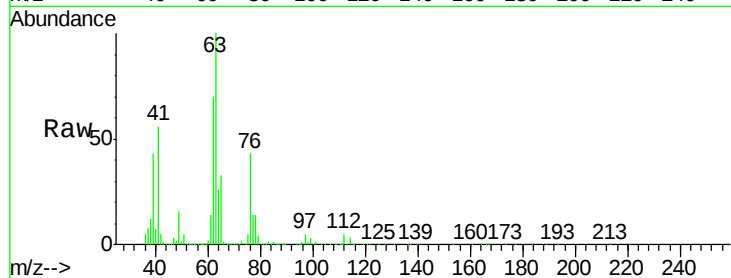
65 32.9 25.4 38.0

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

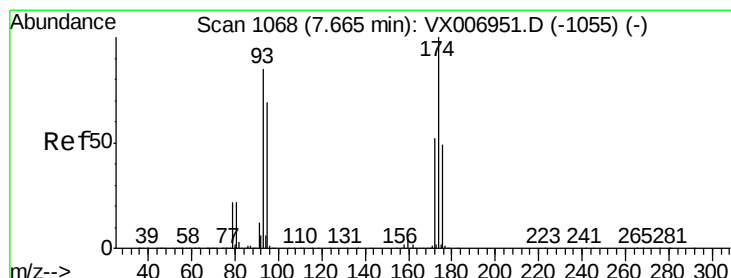
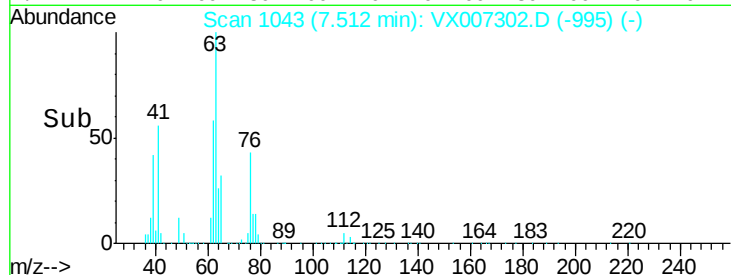
60000

40000

20000

0

Time--> 7.40 7.45 7.50 7.55 7.60



#46

Dibromomethane

Concen: 45.849 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

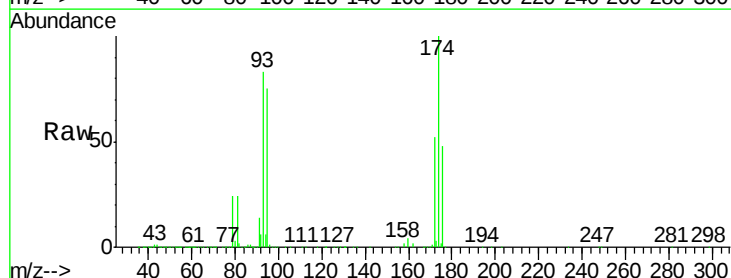
Tgt Ion: 93 Resp: 155717

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 118.2 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

120000

100000

80000

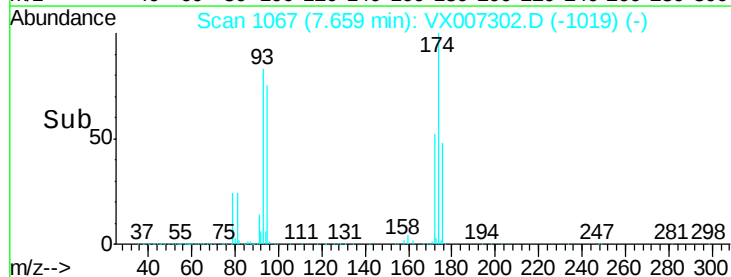
60000

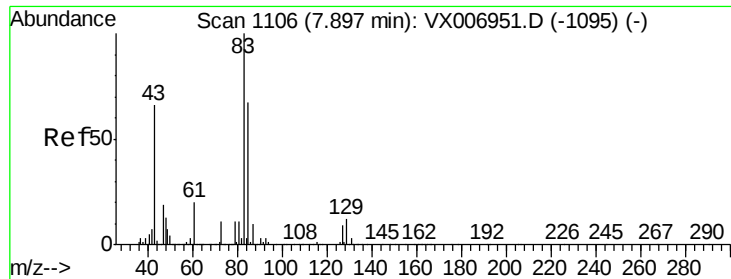
40000

20000

0

Time--> 7.50 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 50.170 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

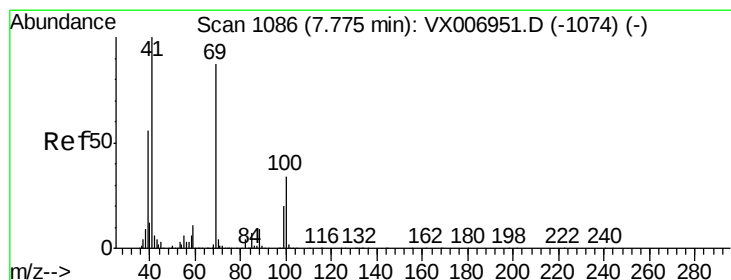
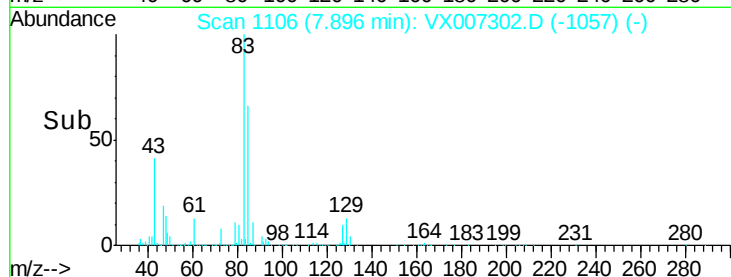
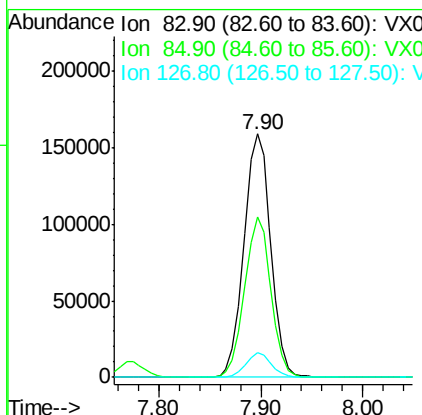
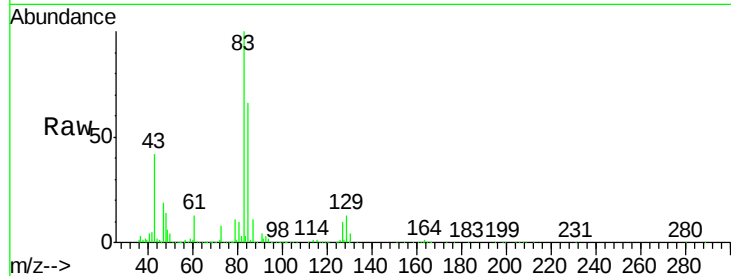
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	290035
Ion Ratio	Lower	Upper	
83	100		
85	65.8	53.2	79.8
127	10.1	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.339 ug/l

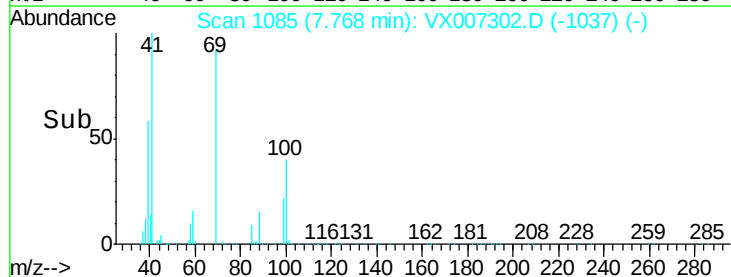
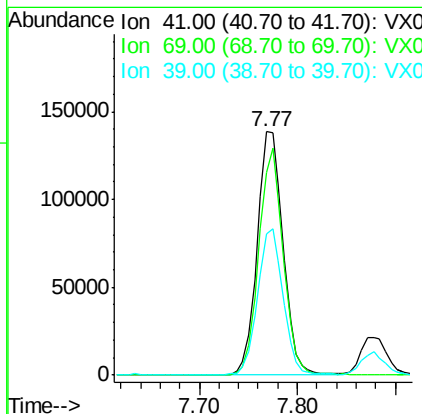
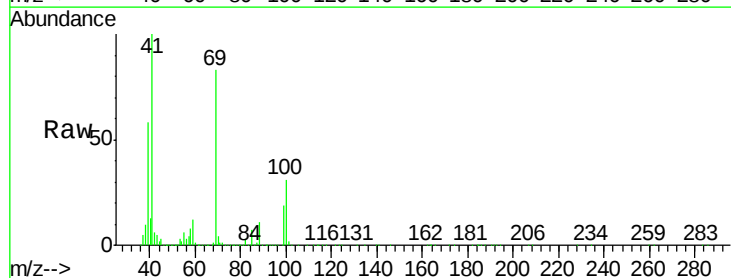
RT: 7.77 min Scan# 1085

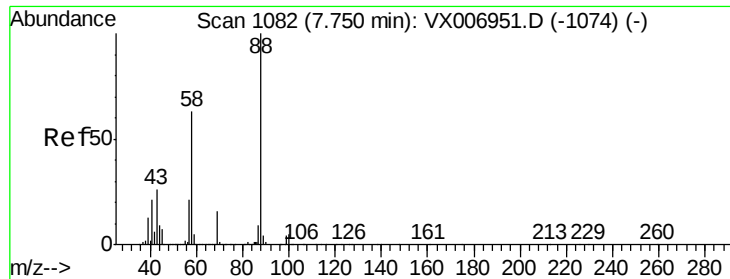
Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion:	41	Resp:	253514
Ion Ratio	Lower	Upper	
41	100		
69	88.3	72.4	108.6
39	59.3	45.8	68.8





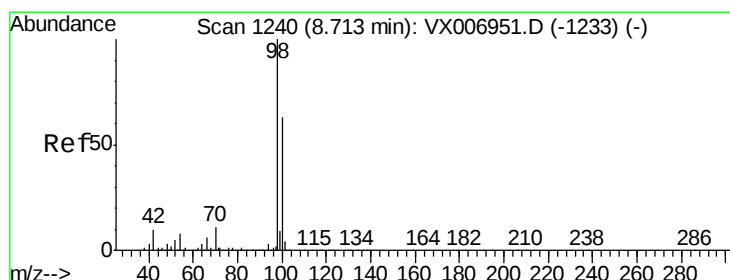
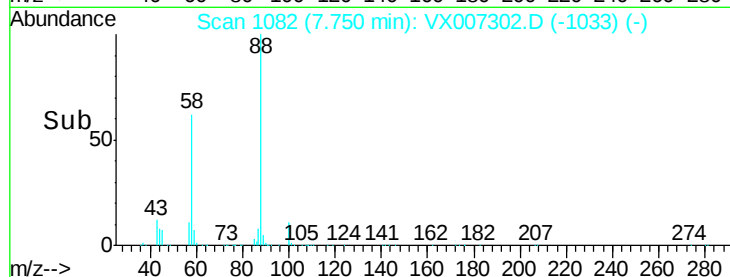
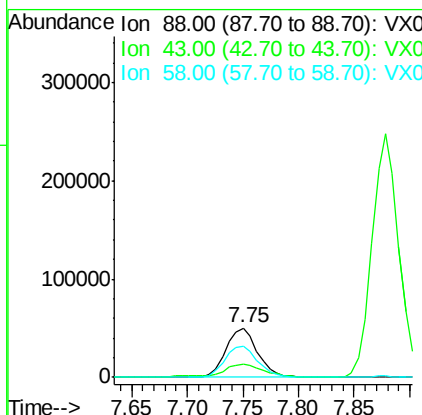
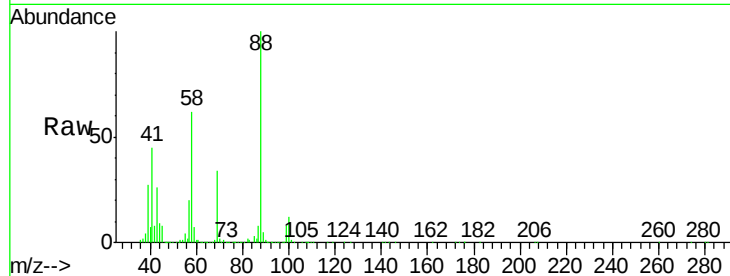
#49
1,4-Dioxane
Concen: 782.375 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	22.2	33.4
58	65.3	51.0	76.4

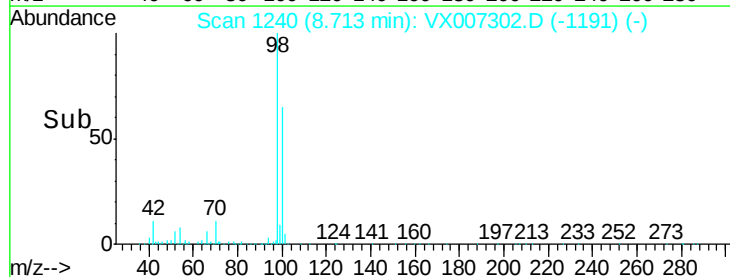
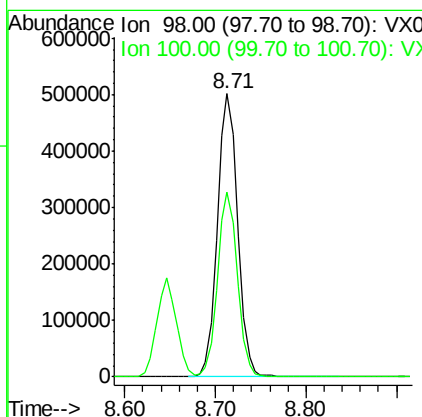
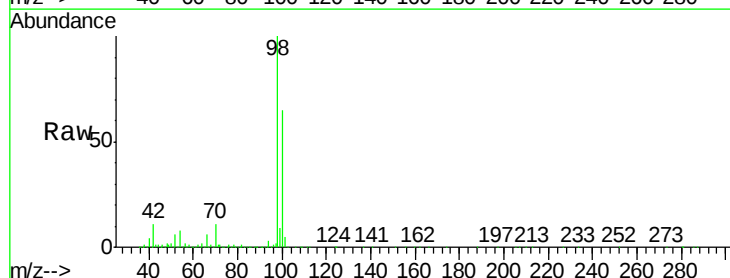
Manual Integrations
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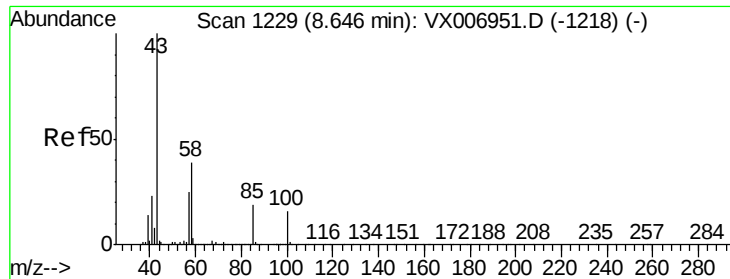
MMDadoda
2/1/2019 10:44:07 AM



#50
Toluene-d8
Concen: 46.105 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 238.463 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1632616

Ion Ratio Lower Upper

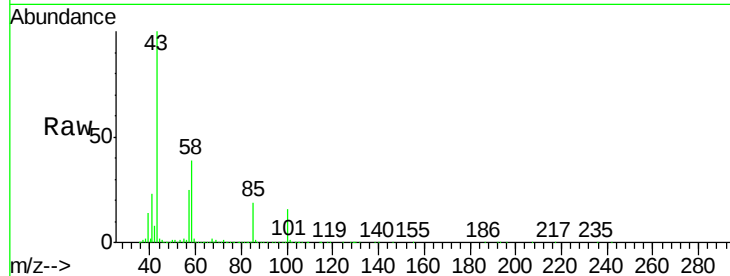
43 100

58 39.1 31.8 47.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200000

1000000

800000

600000

400000

200000

0

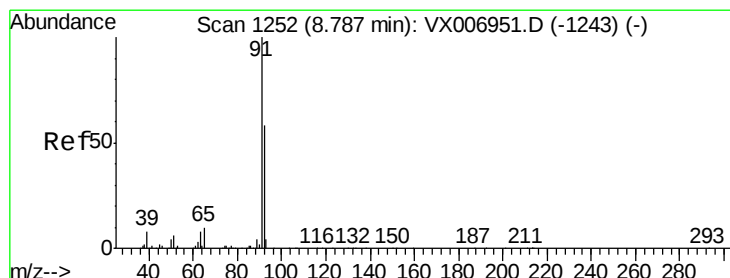
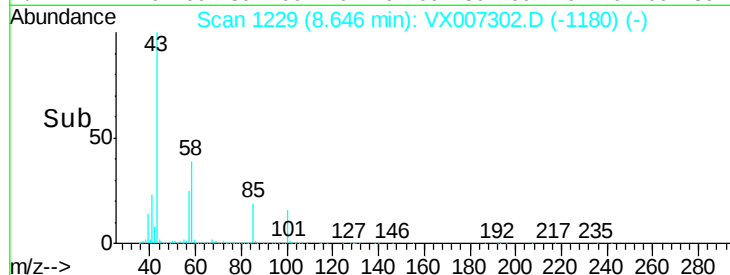
8.65

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 45.370 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007302.D

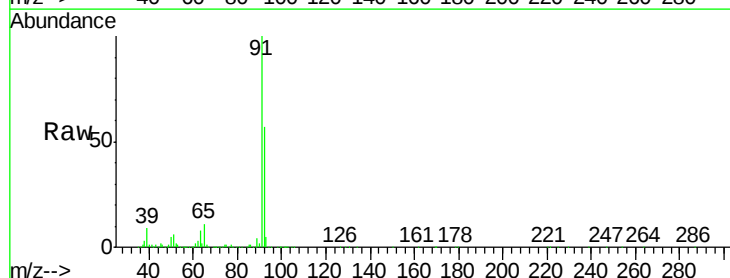
Acq: 30 Jan 2019 08:54

Tgt Ion: 92 Resp: 560537

Ion Ratio Lower Upper

92 100

91 175.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

400000

200000

0

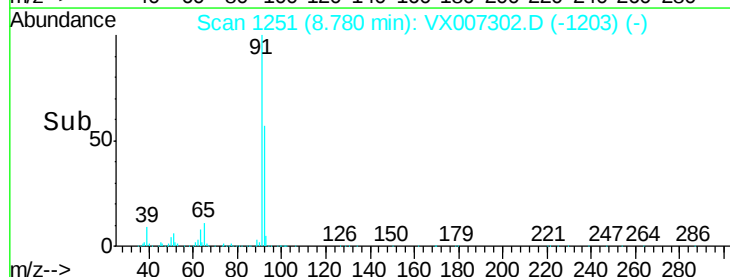
8.78

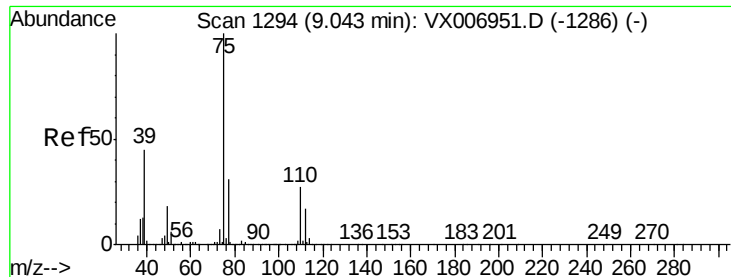
8.70

8.80

8.90

Time-->





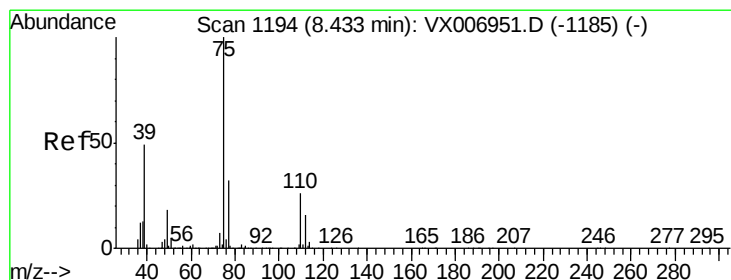
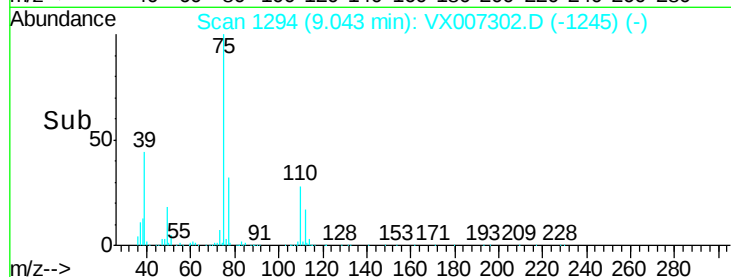
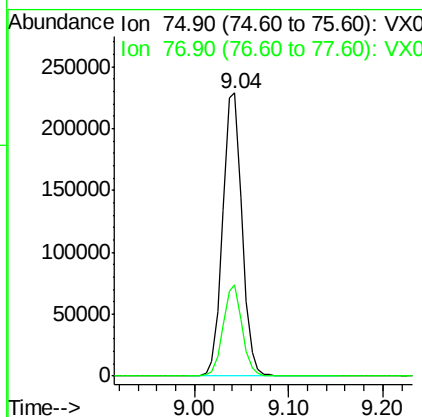
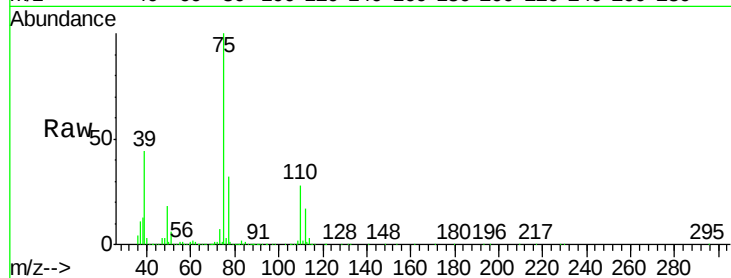
#53
t-1,3-Dichloropropene
Concen: 50.720 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.4	38.0

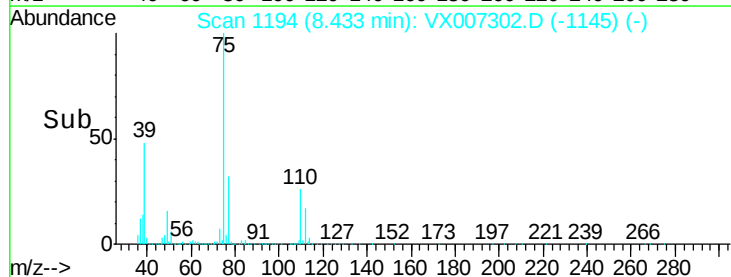
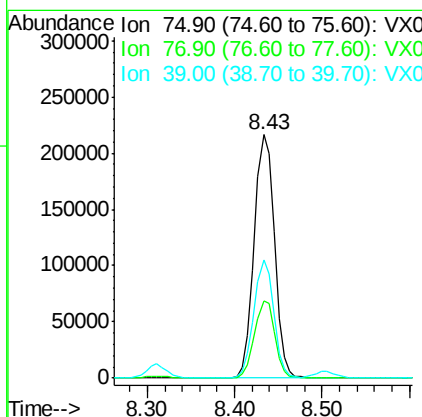
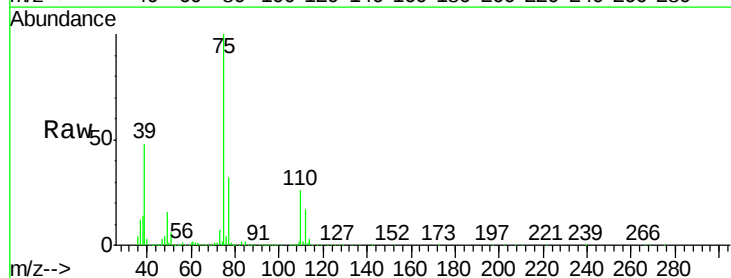
Manual Integrations
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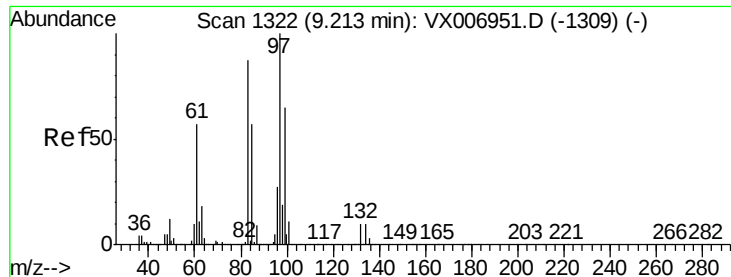
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#54
cis-1,3-Dichloropropene
Concen: 49.384 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.2	39.2
39	48.0	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 50.076 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

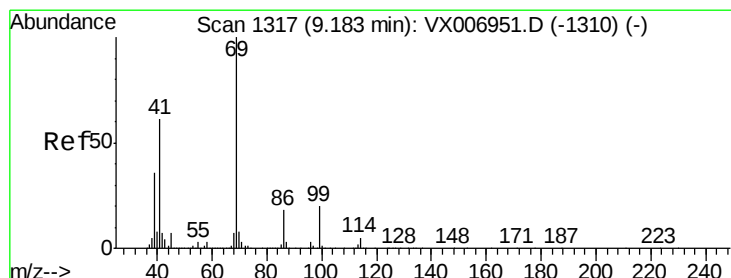
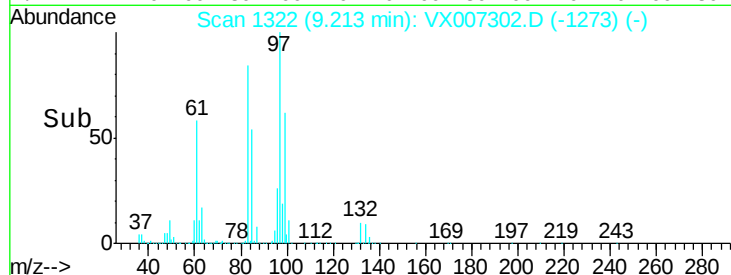
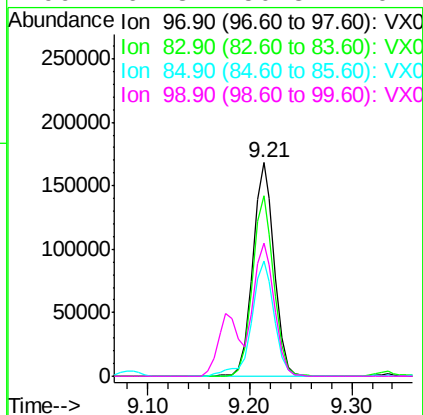
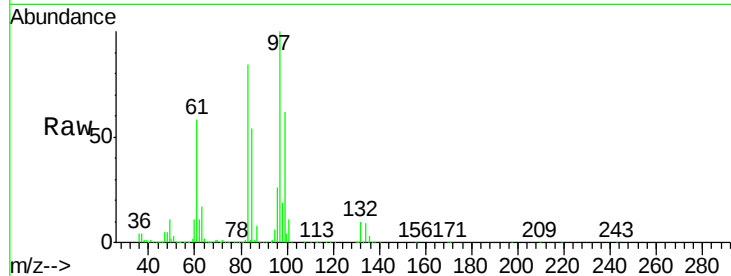
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	247632
Ion Ratio	Lower	Upper	
97	100		
83	84.5	66.6	99.8
85	53.7	42.7	64.1
99	62.3	50.8	76.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 48.660 ug/l

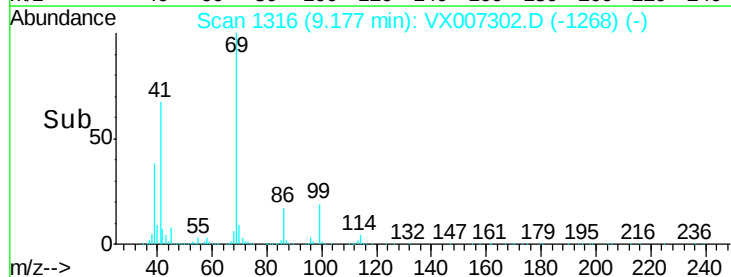
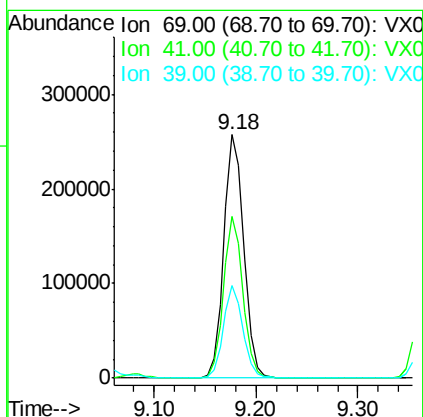
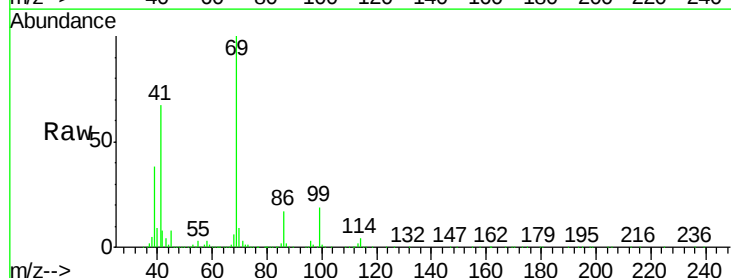
RT: 9.18 min Scan# 1316

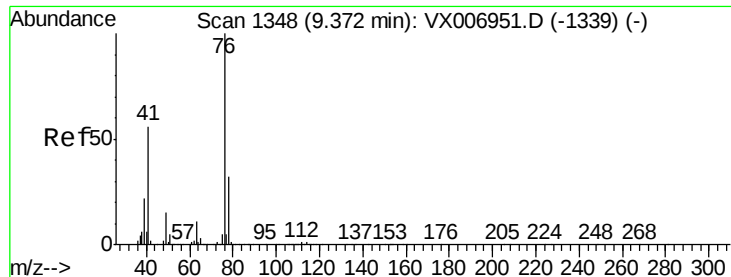
Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion:	69	Resp:	351288
Ion Ratio	Lower	Upper	
69	100		
41	64.2	48.7	73.1
39	36.9	27.0	40.6





#57

1,3-Dichloropropane

Concen: 47.550 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 385230

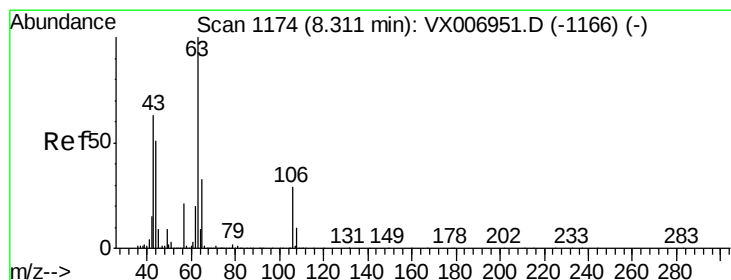
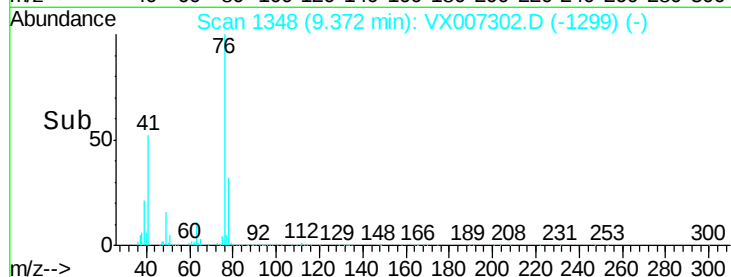
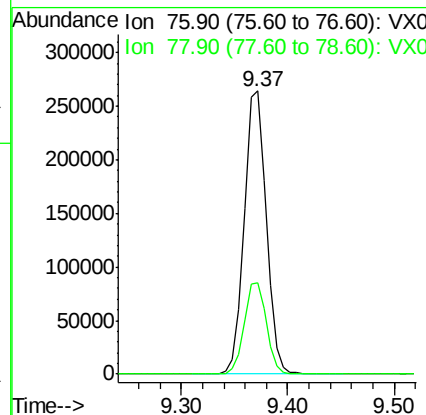
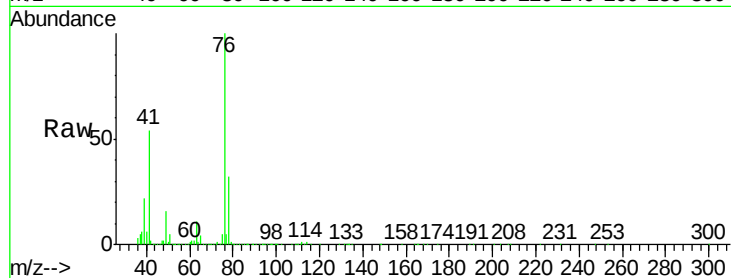
Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0

Manual Integrations
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2/1/2019 10:44:07 AM



#58

2-Chloroethyl Vinyl ether

Concen: 238.410 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007302.D

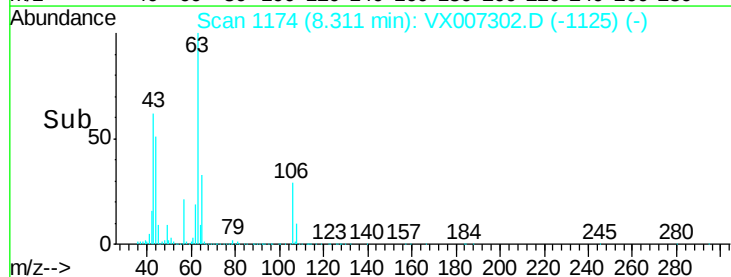
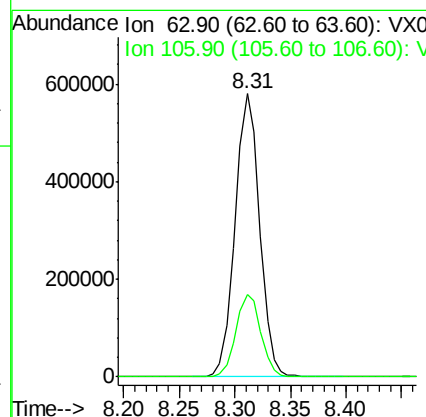
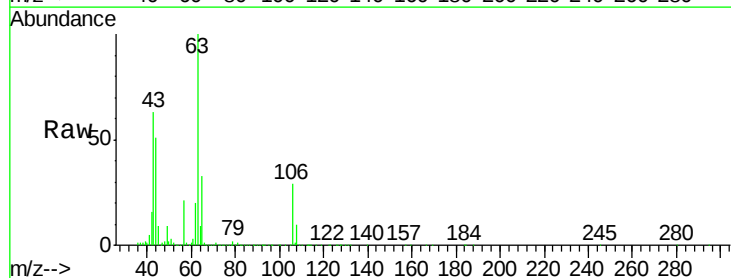
Acq: 30 Jan 2019 08:54

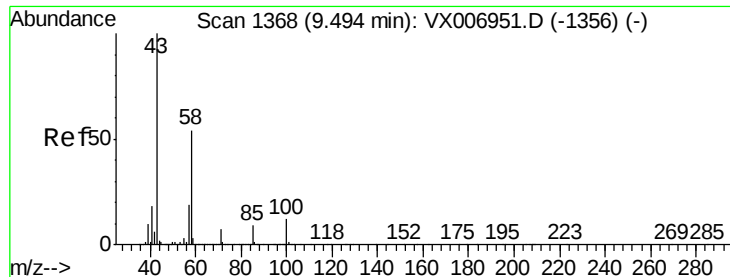
Tgt Ion: 63 Resp: 884942

Ion Ratio Lower Upper

63 100

106 29.8 24.6 36.8





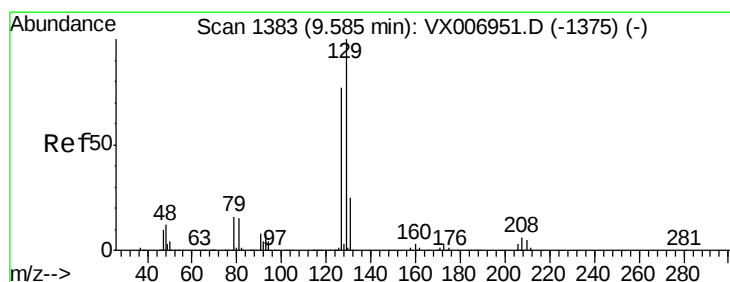
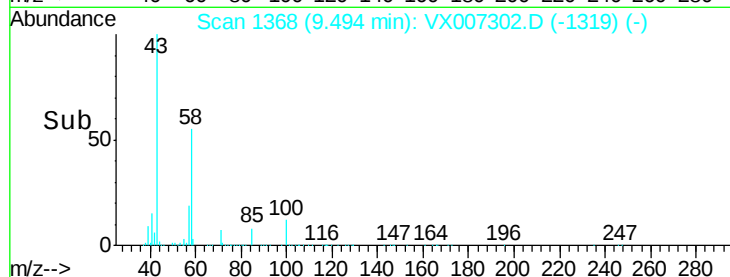
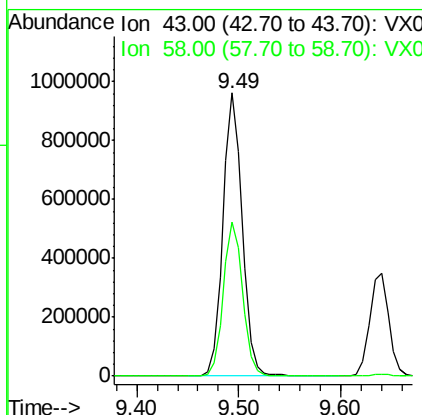
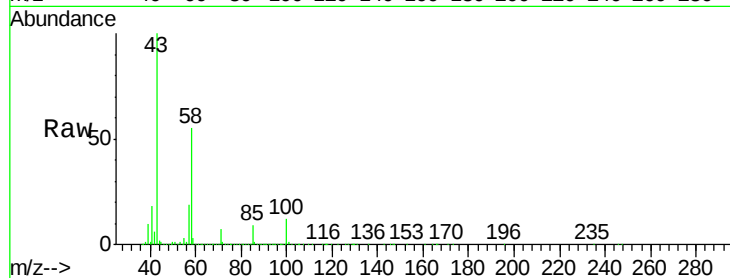
#59
2-Hexanone
Concen: 242.652 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 1266001
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1

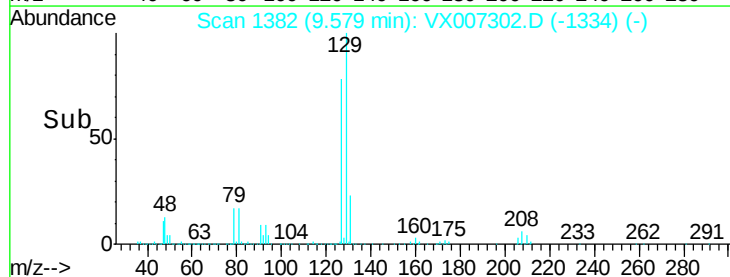
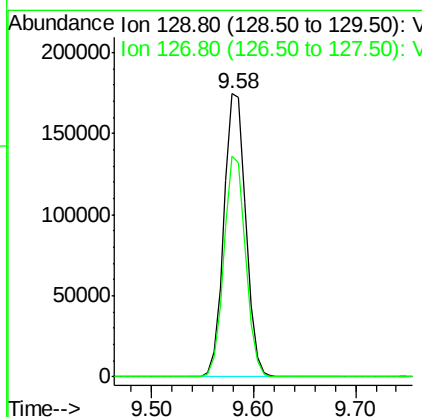
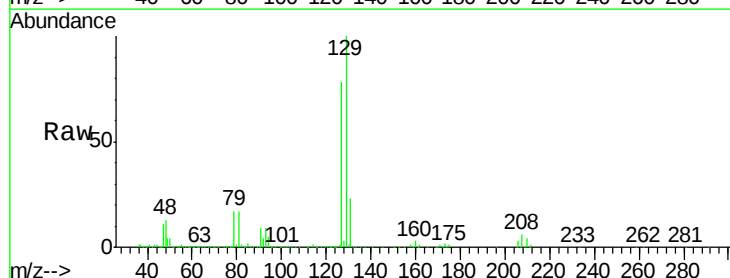
Manual Integrations
APPROVED

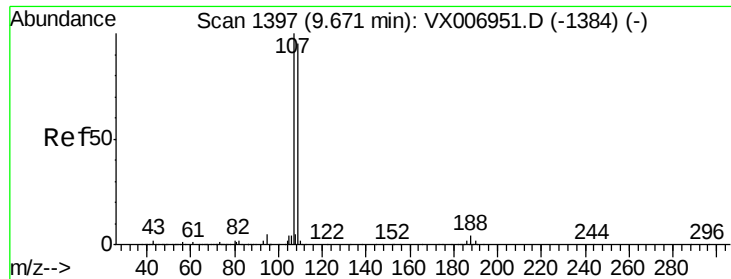
MMDadoda
2/1/2019 10:44:07 AM



#60
Dibromochloromethane
Concen: 54.173 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion: 129 Resp: 260131
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8





#61

1,2-Dibromoethane

Concen: 47.192 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 256916

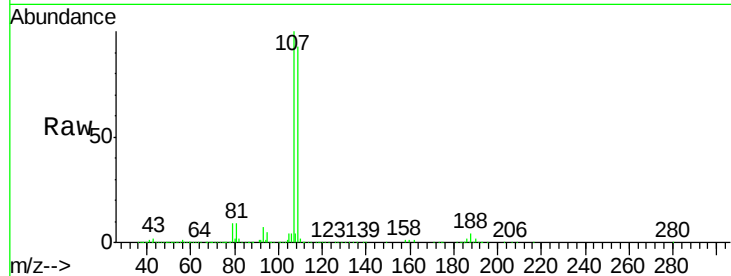
Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.6

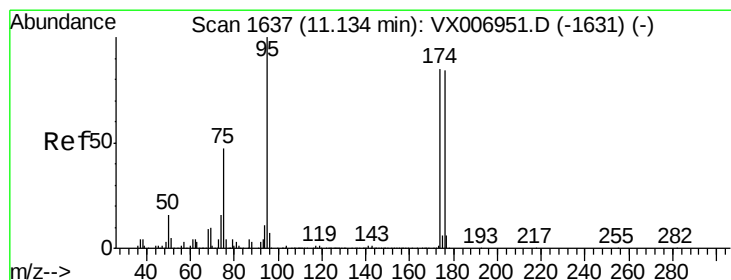
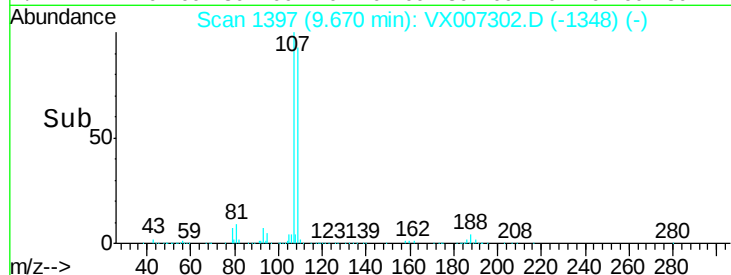
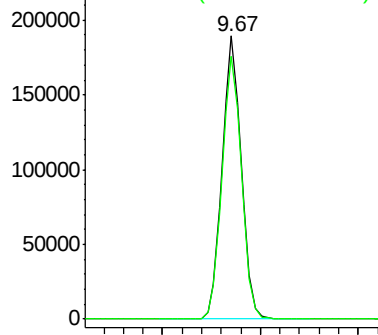
Manual Integrations
APPROVED

MMDadoda
2/1/2019 10:44:07 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.045 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

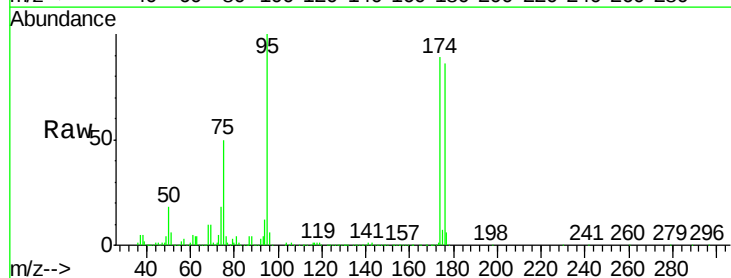
Tgt Ion: 95 Resp: 296331

Ion Ratio Lower Upper

95 100

174 95.1 0.0 182.2

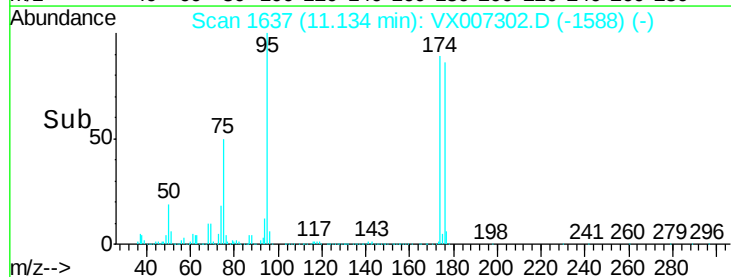
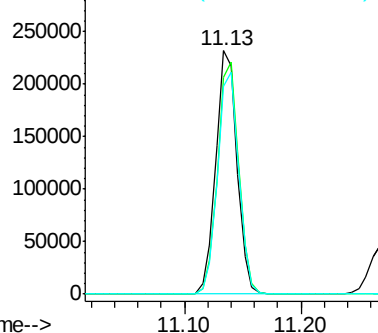
176 91.7 0.0 178.8

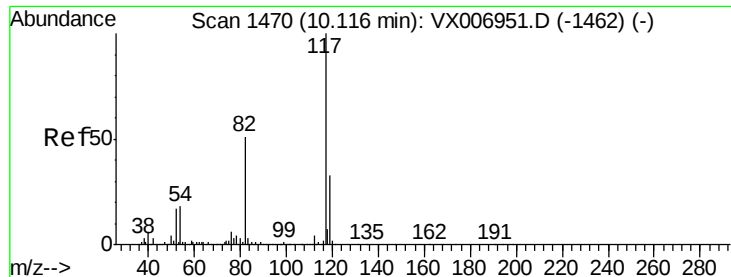


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





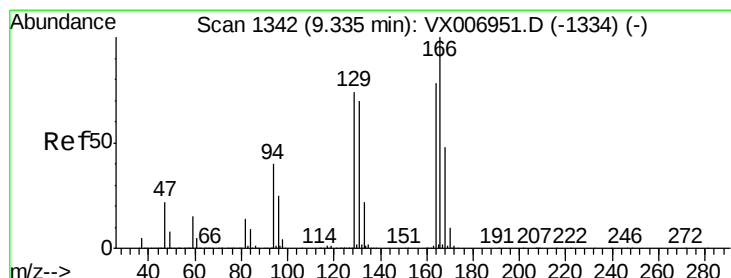
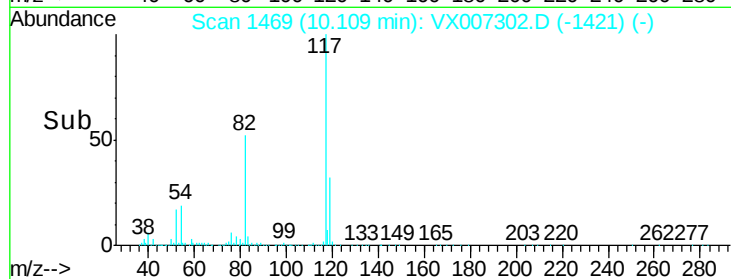
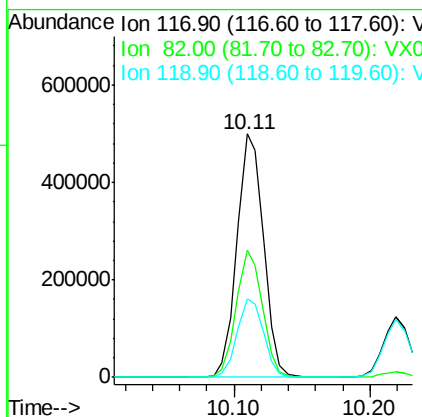
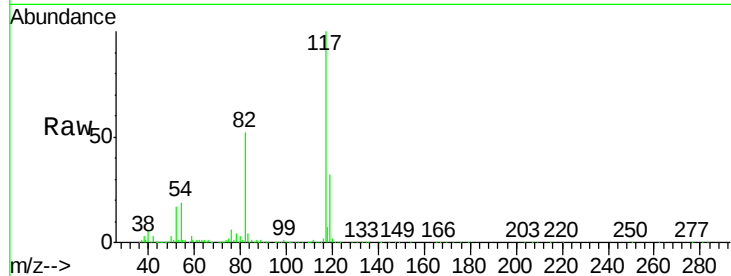
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	680533		
82	52.0		41.0	61.6
119	32.4		25.4	38.0

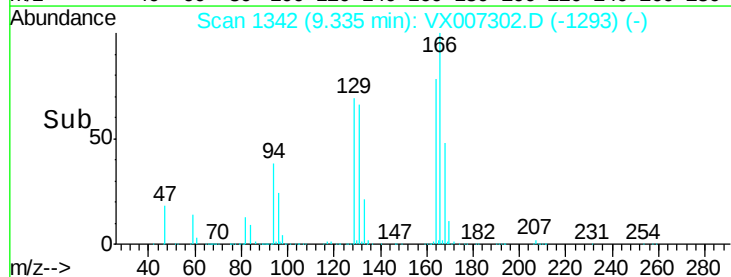
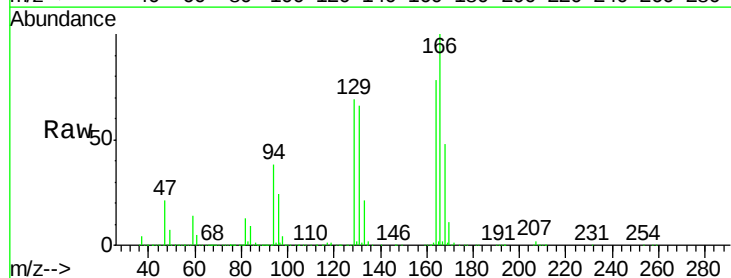
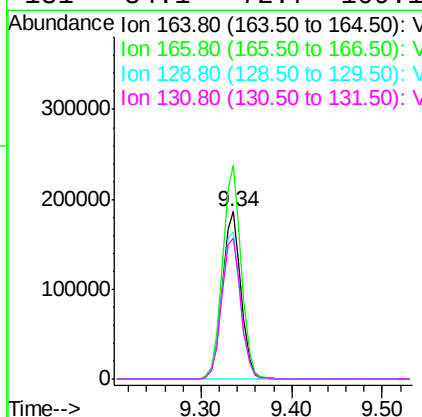
Manual Integrations
APPROVED

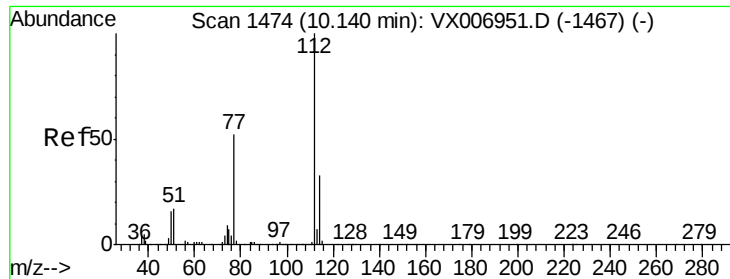
MMDadoda
2/1/2019 10:44:07 AM



#64
Tetrachloroethene
Concen: 45.350 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	267195		
166	127.5		102.5	153.7
129	88.0		75.1	112.7
131	84.1		72.7	109.1





#65

Chlorobenzene

Concen: 45.416 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 674097

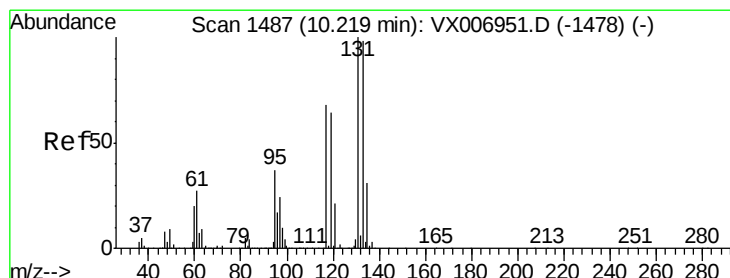
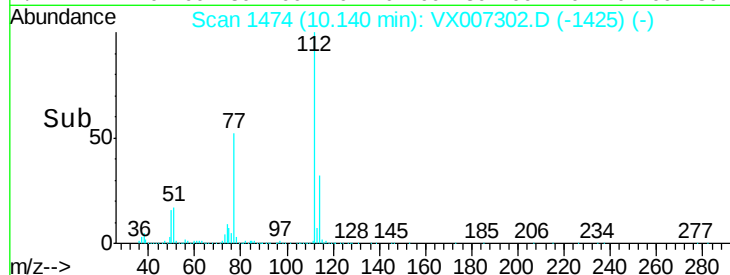
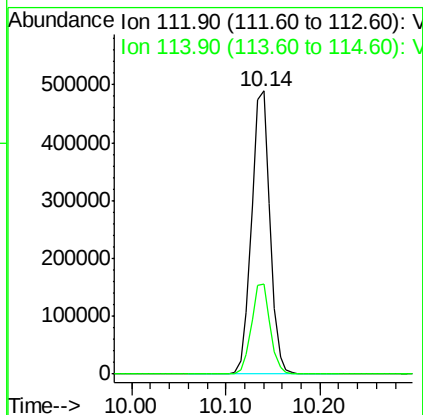
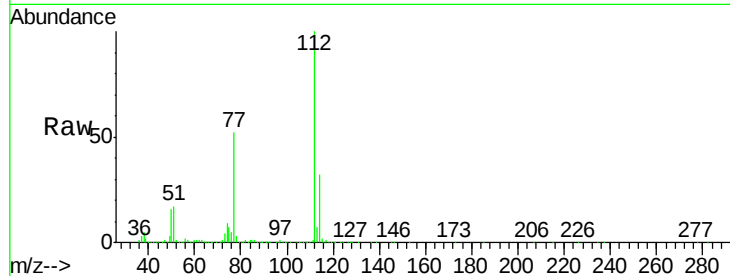
Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5

Manual Integrations
APPROVED

MMDadoda
2/1/2019 10:44:07 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 49.524 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

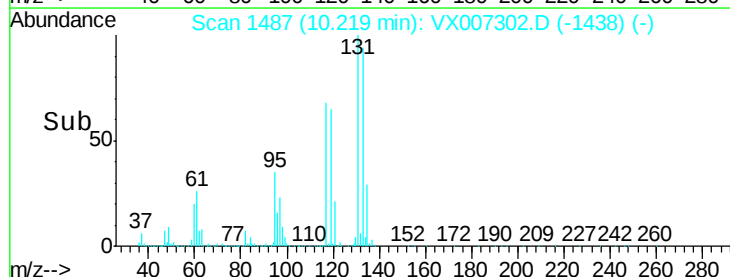
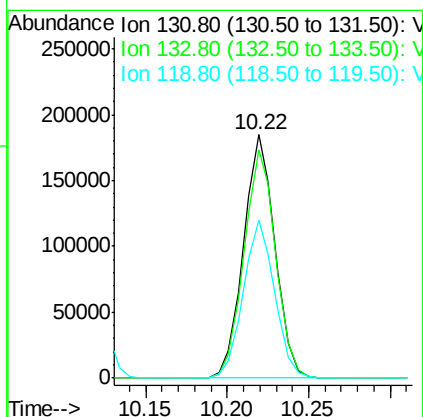
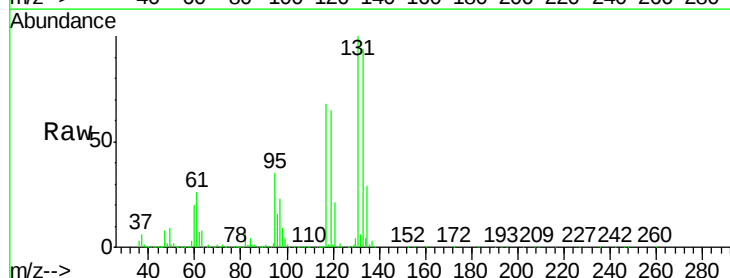
Tgt Ion:131 Resp: 247281

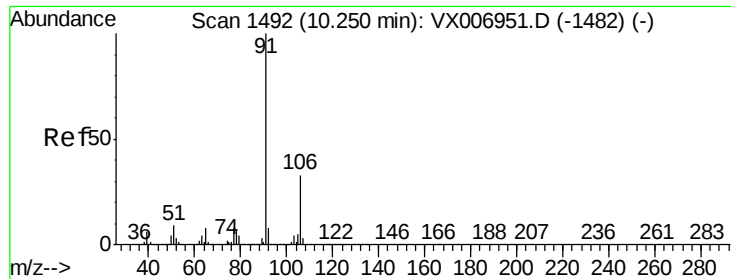
Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

119 64.8 32.6 97.8





#67

Ethyl Benzene

Concen: 45.503 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1114984

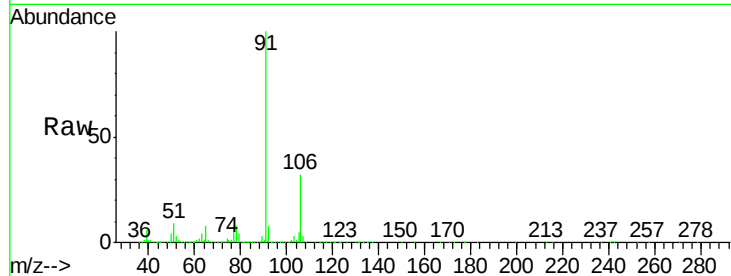
Ion Ratio Lower Upper

91 100

106 32.1 26.4 39.6

Manual Integrations
APPROVED

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2/1/2019 10:44:07 AM



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1482) (-)

Ion 106.00 (105.70 to 106.70): VX006951.D (-1482) (-)

1500000

1000000

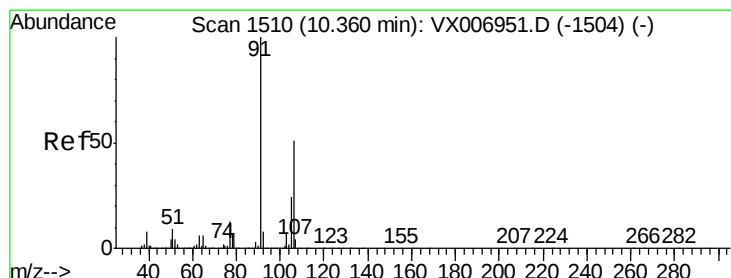
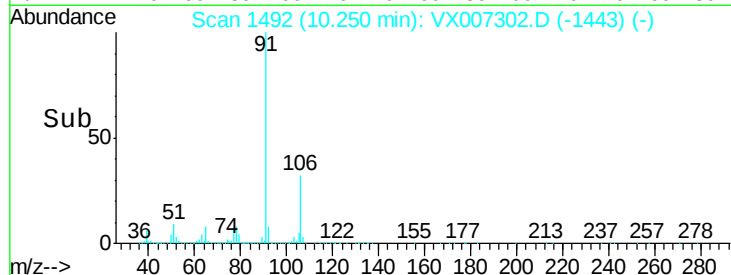
500000

0

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 92.005 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007302.D

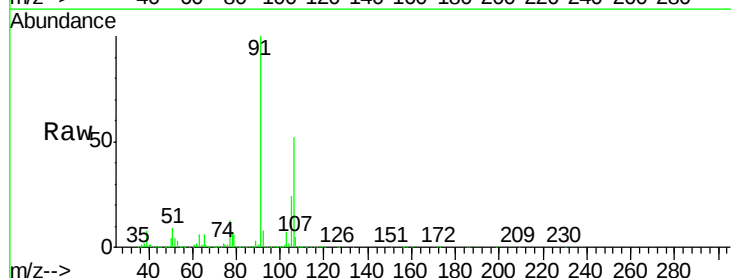
Acq: 30 Jan 2019 08:54

Tgt Ion: 106 Resp: 888218

Ion Ratio Lower Upper

106 100

91 195.3 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006951.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX006951.D (-1504) (-)

1500000

1000000

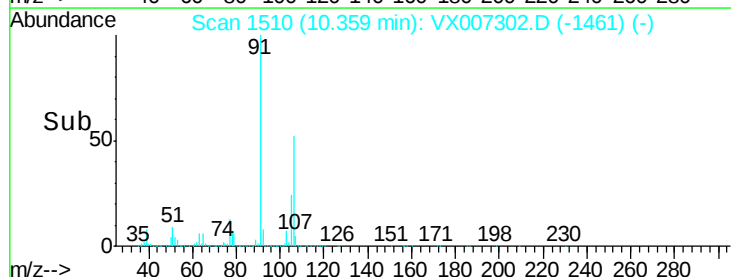
500000

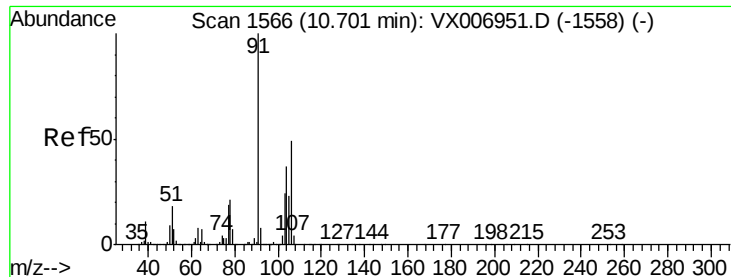
0

10.36

10.40

Time-->





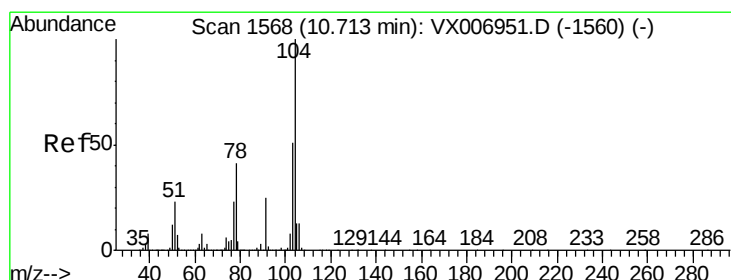
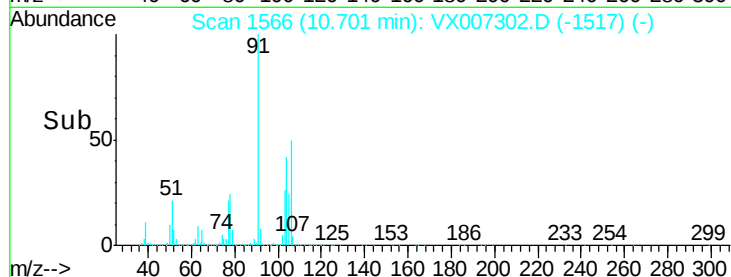
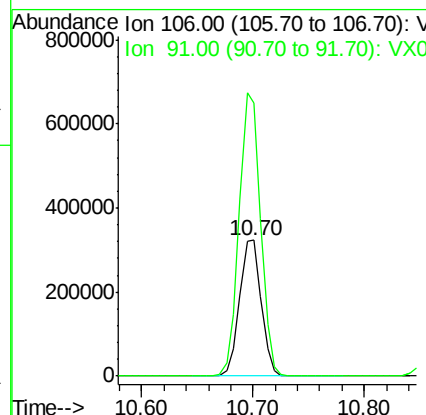
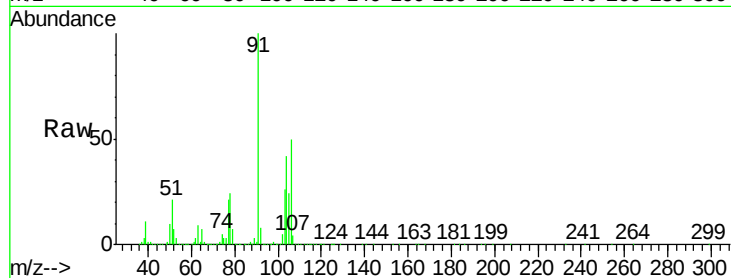
#69
o-Xylene
Concen: 46.221 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.2	101.3	303.7

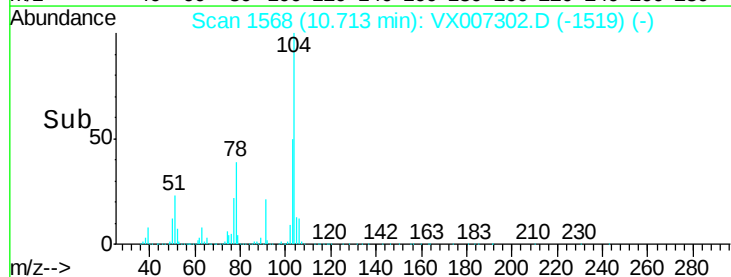
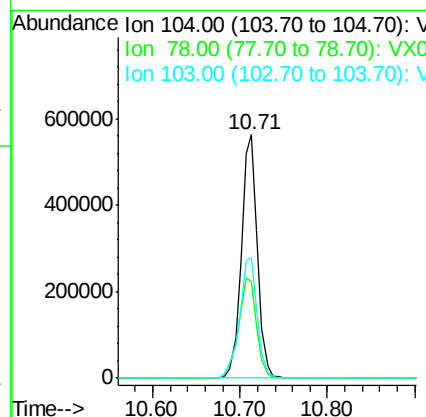
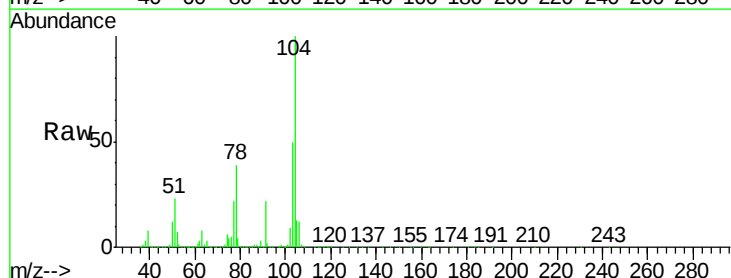
Manual Integrations
APPROVED

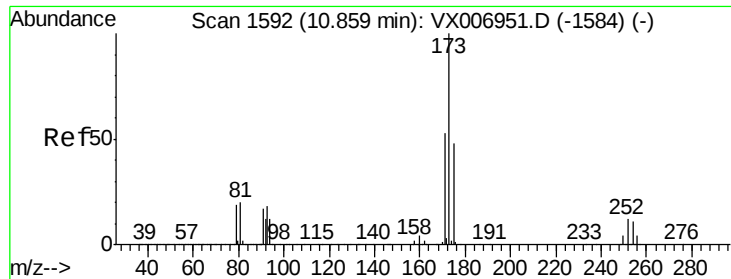
MMDadoda
2/1/2019 10:44:07 AM



#70
Styrene
Concen: 48.348 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.6	37.7	56.5
103	54.7	43.8	65.8





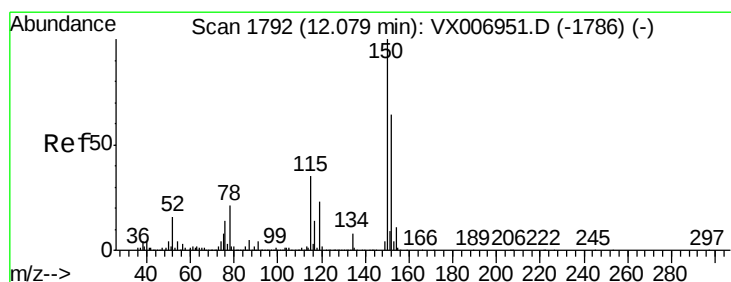
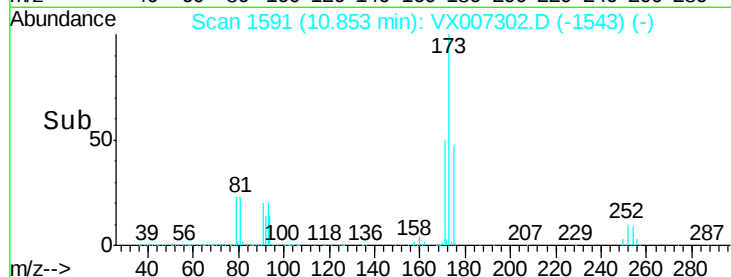
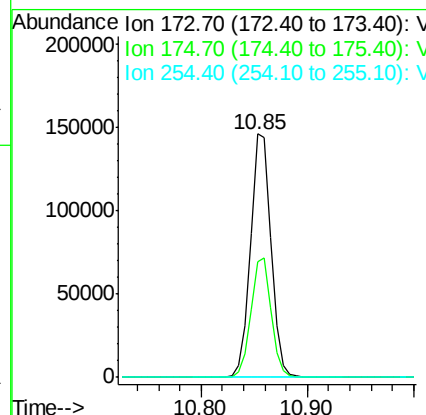
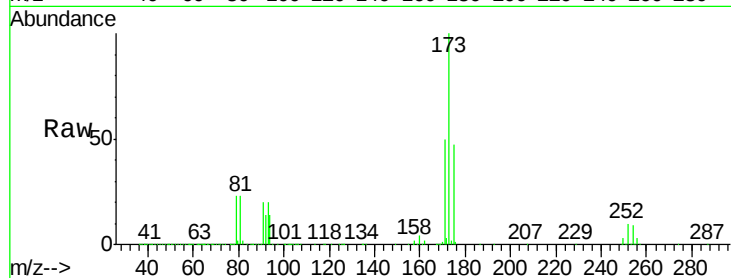
#71
Bromoform
Concen: 44.829 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.7	74.1
254	0.2	0.2	0.2

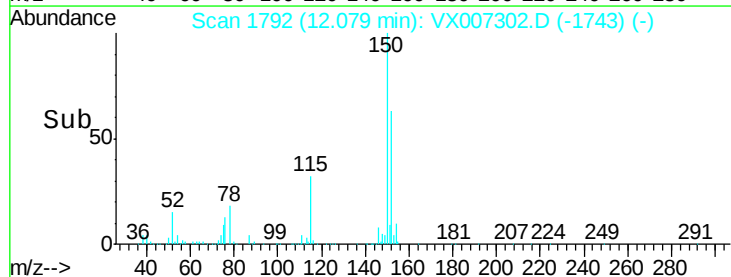
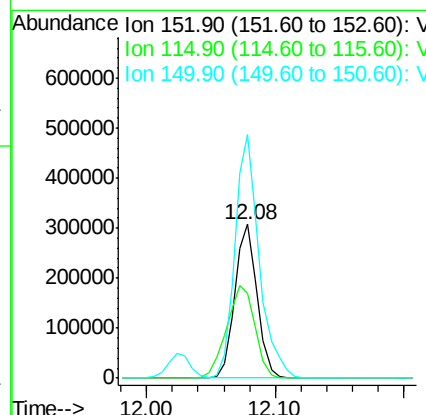
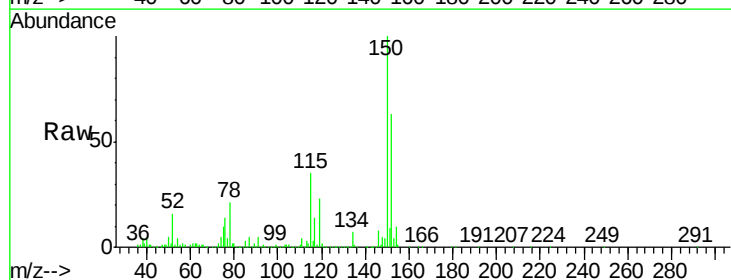
Manual Integrations
APPROVED

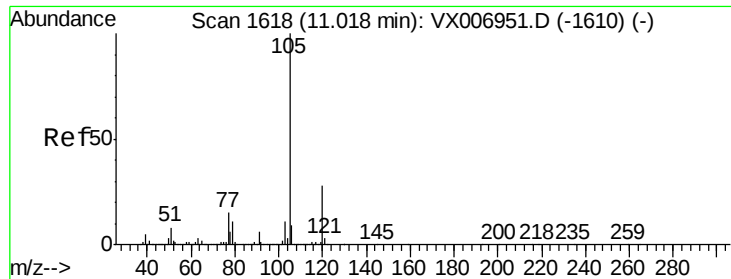
MMDadoda
2/1/2019 10:44:07 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.0	39.1	117.2
150	172.1	0.0	344.8





#73

Isopropylbenzene

Concen: 45.091 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1182099

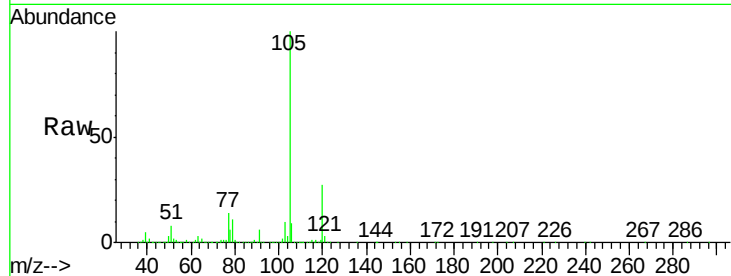
Ion Ratio Lower Upper

105 100

120 27.5 14.1 42.4

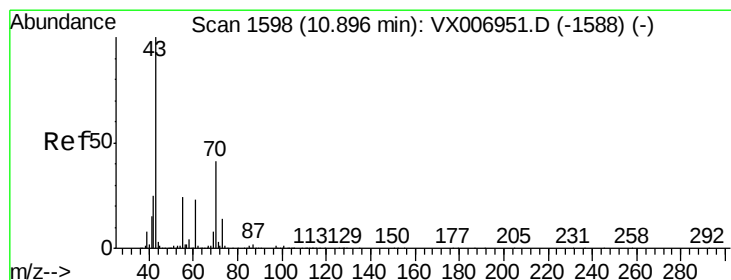
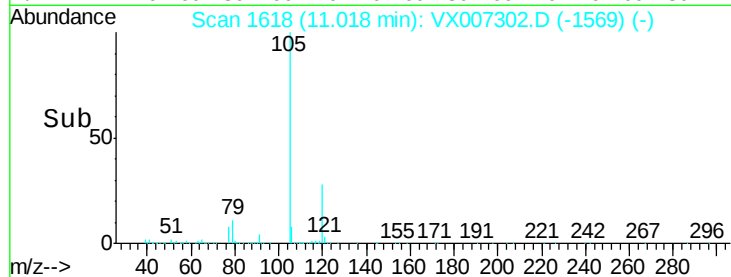
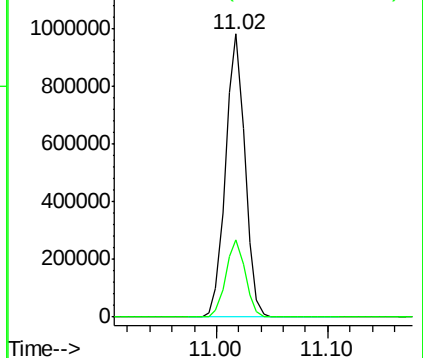
Manual Integrations
APPROVED

MMDadoda
2/1/2019 10:44:07 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.039 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion: 43 Resp: 454276

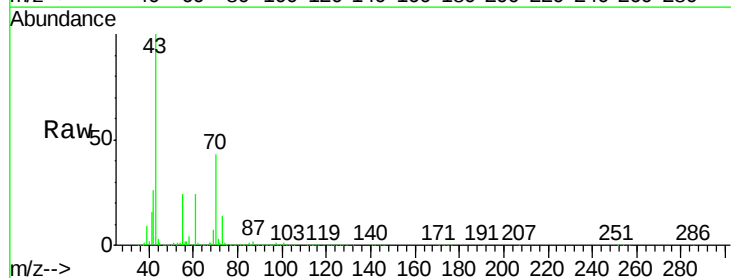
Ion Ratio Lower Upper

43 100

70 43.0 35.8 53.8

55 24.8 19.4 29.0

61 24.2 20.1 30.1

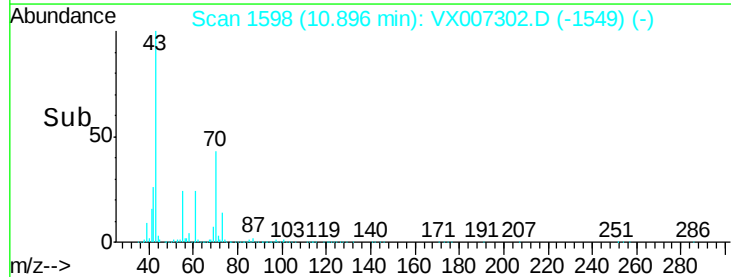
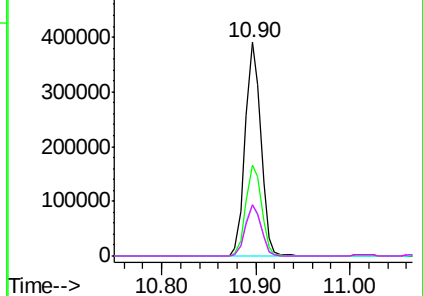


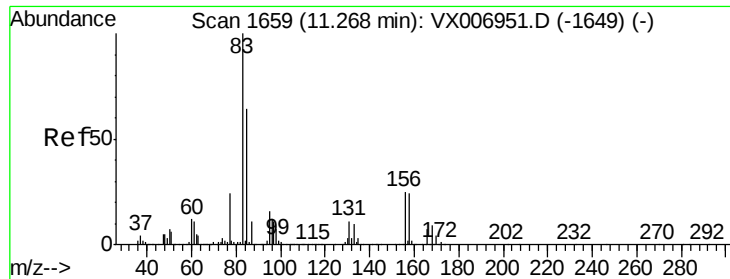
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 42.534 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

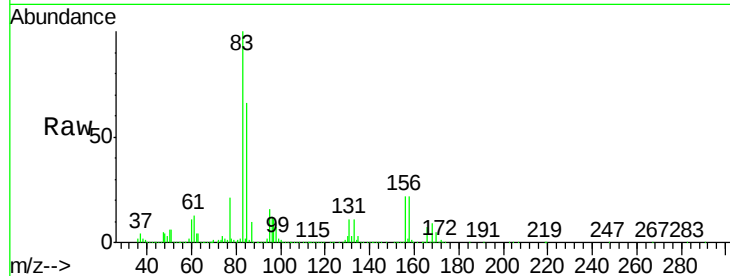
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	353996
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.1
85	64.9	32.2	96.6

Manual Integrations
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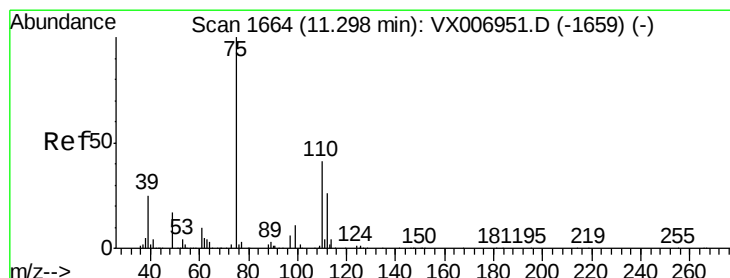
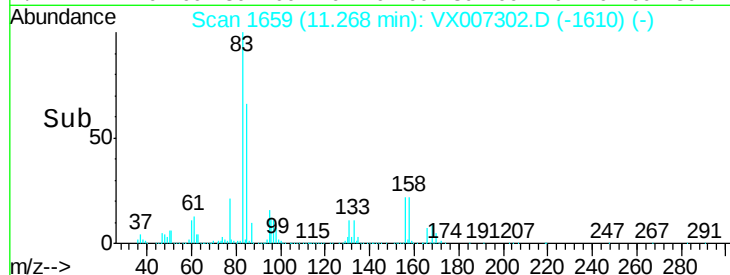
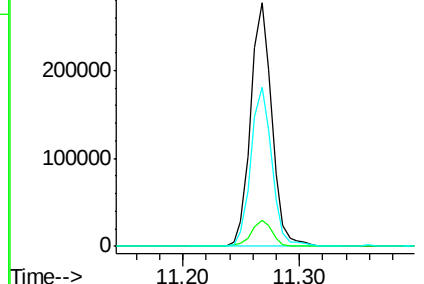
MMDadoda
2/1/2019 10:44:07 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 45.057 ug/l m

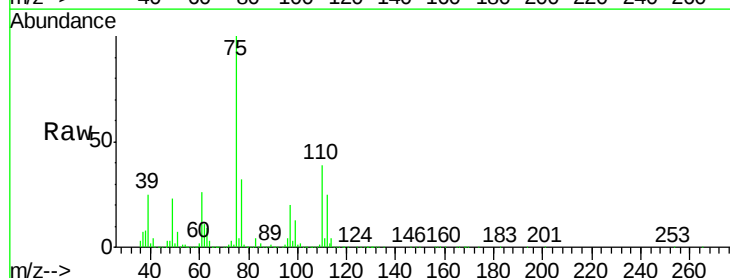
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007302.D

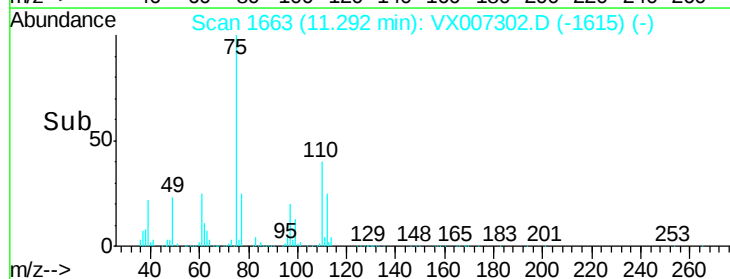
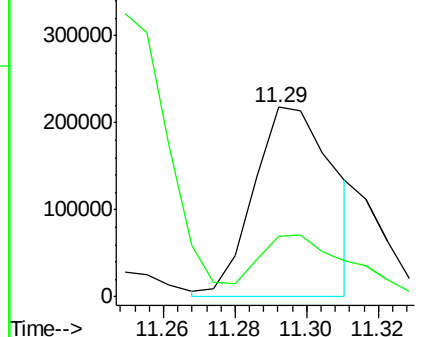
Acq: 30 Jan 2019 08:54

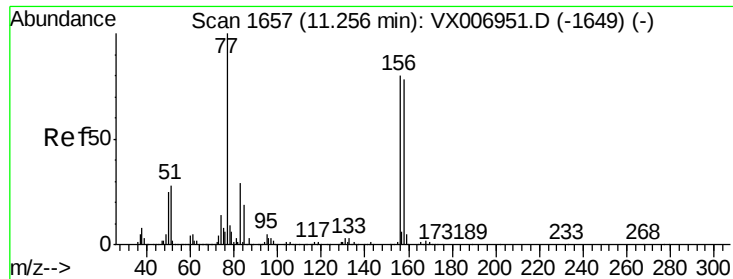
Tgt Ion:	75	Resp:	339457
Ion Ratio	Lower	Upper	
75	100		
77	36.8	18.5	55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.205 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

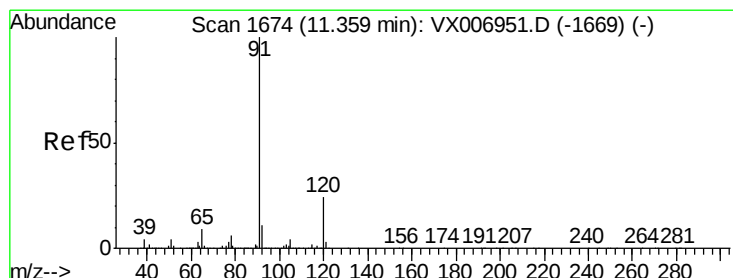
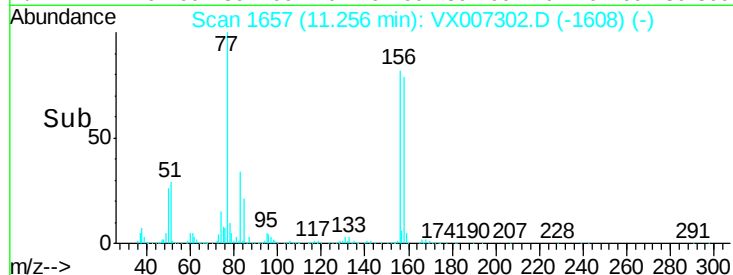
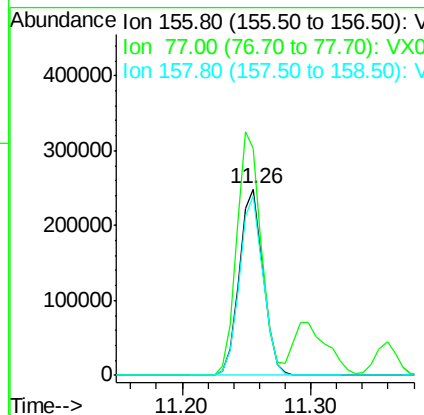
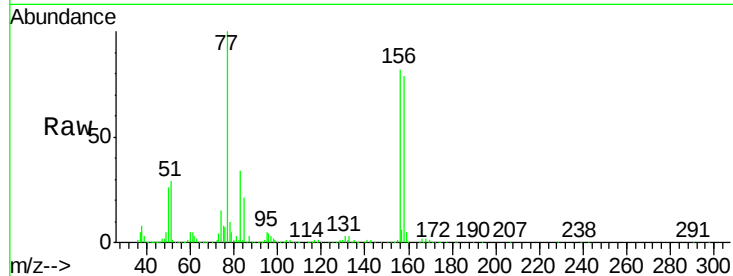
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.2	68.0	204.0
158	96.2	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 46.560 ug/l

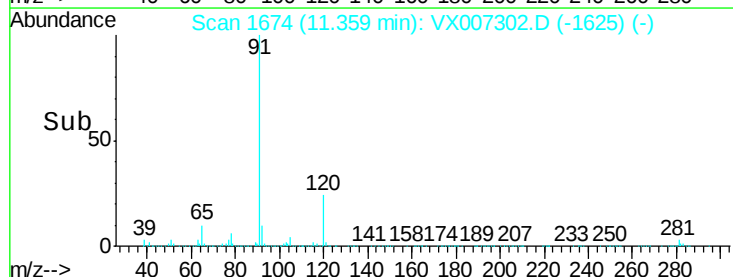
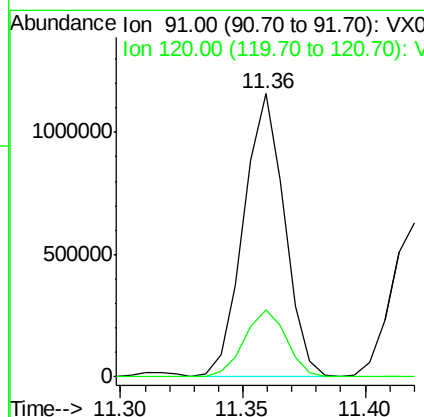
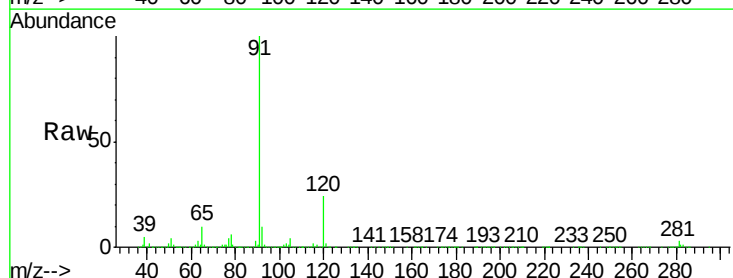
RT: 11.36 min Scan# 1674

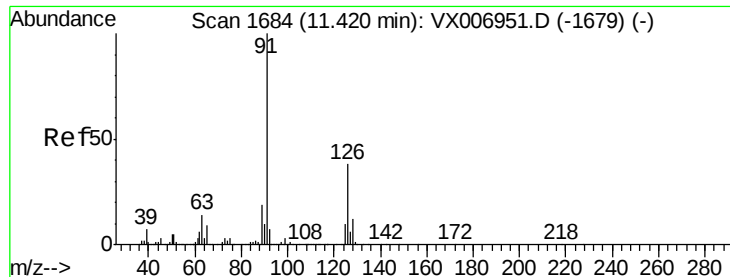
Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.7	38.0





#79

2-Chlorotoluene

Concen: 44.782 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 775807

Ion Ratio Lower Upper

91 100

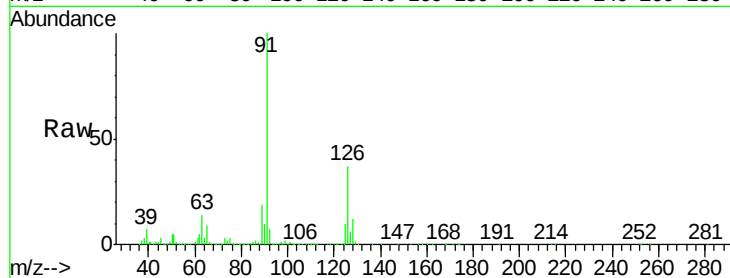
126 36.7 18.6 56.0

Manual Integrations

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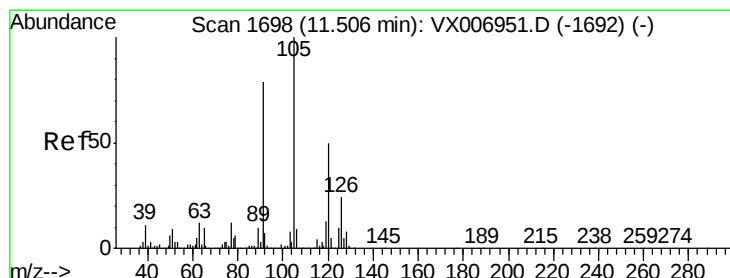
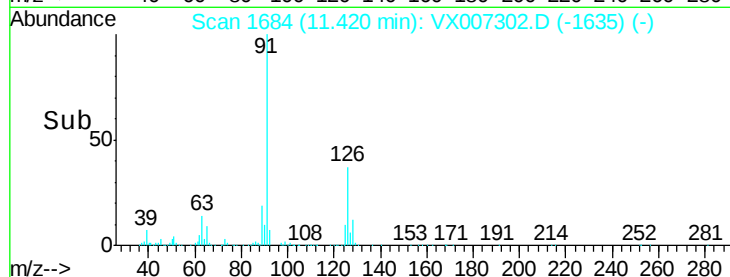
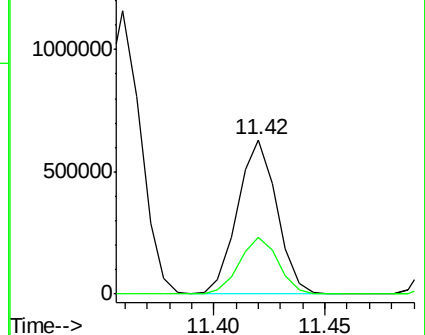
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Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.046 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007302.D

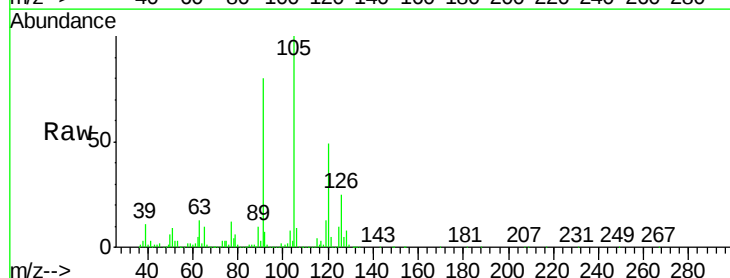
Acq: 30 Jan 2019 08:54

Tgt Ion: 105 Resp: 986746

Ion Ratio Lower Upper

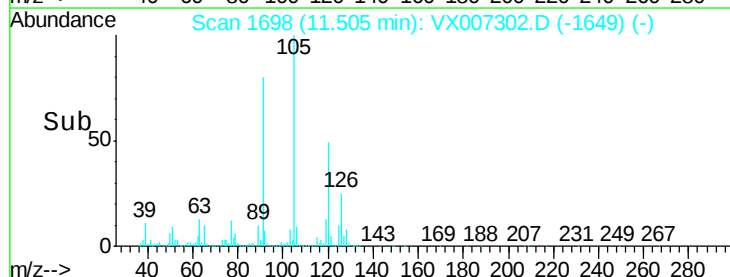
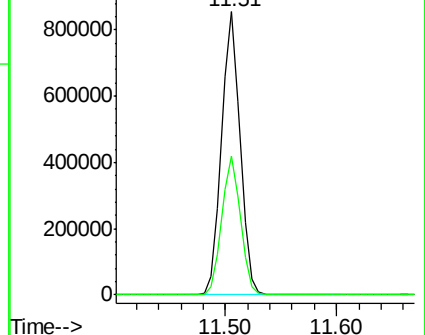
105 100

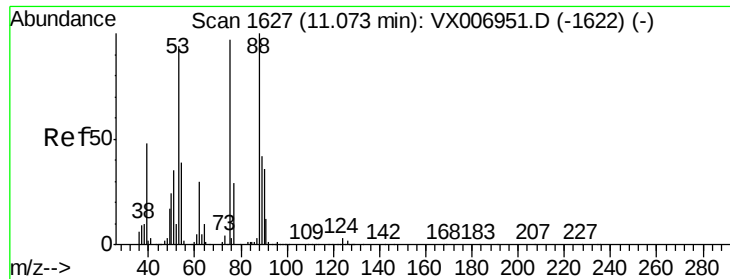
120 49.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.354 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

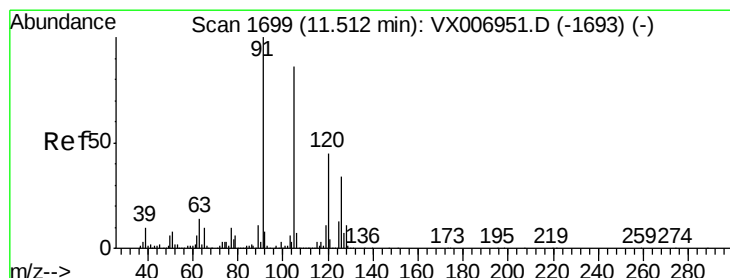
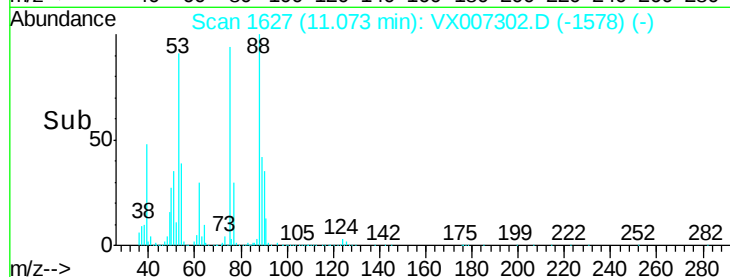
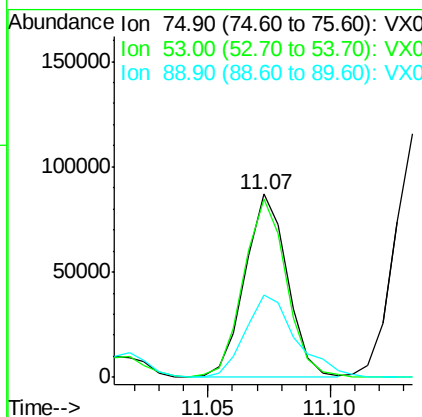
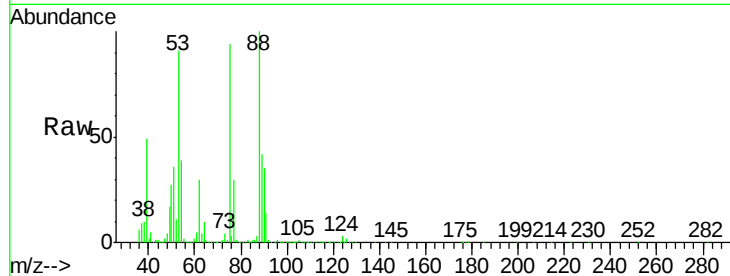
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	104172
Ion	Ratio	Lower	Upper
75	100		
53	99.2	79.7	119.5
89	54.3	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 45.112 ug/l

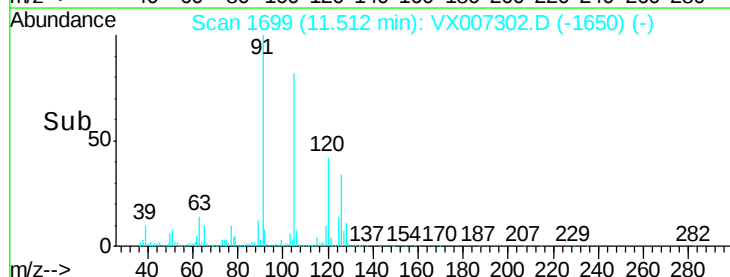
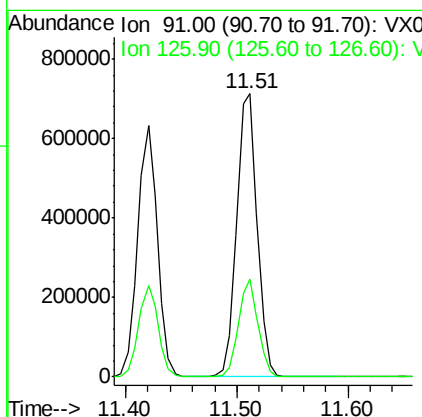
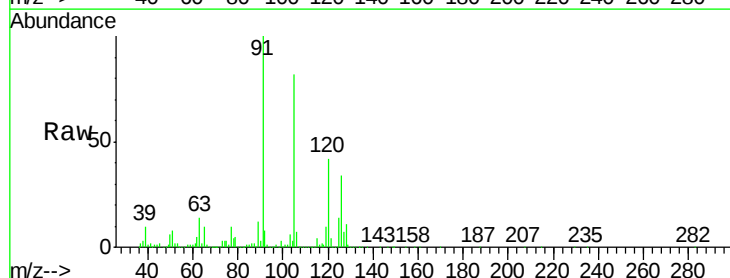
RT: 11.51 min Scan# 1699

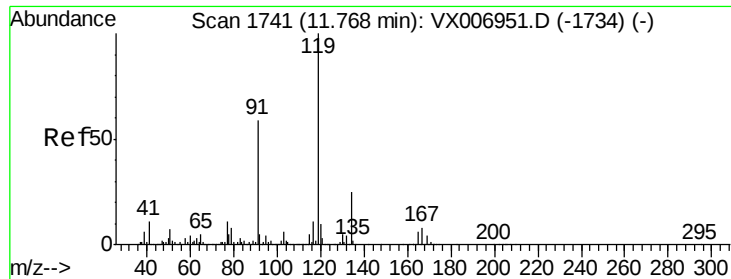
Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion:	91	Resp:	904869
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.3	48.9





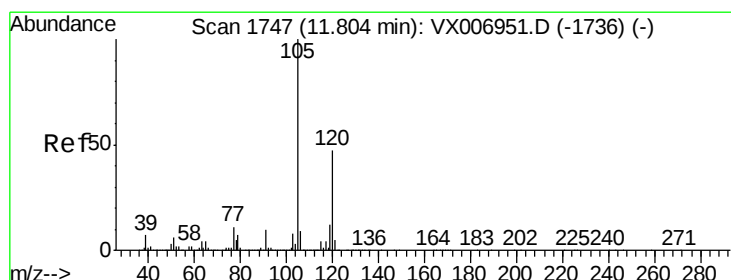
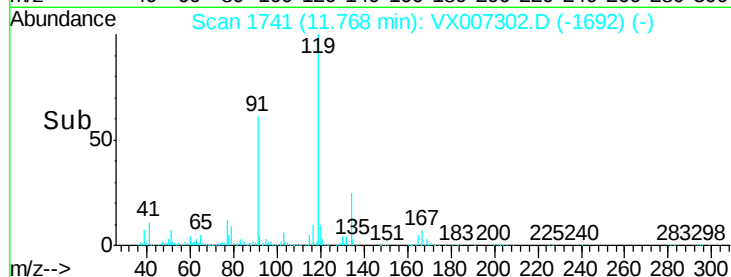
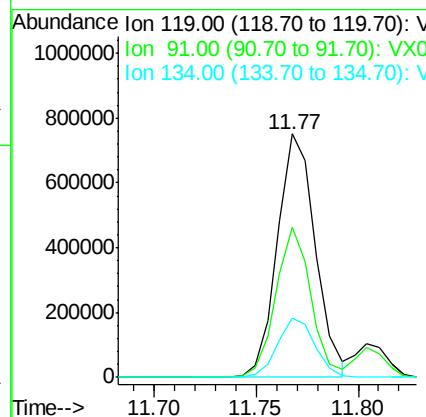
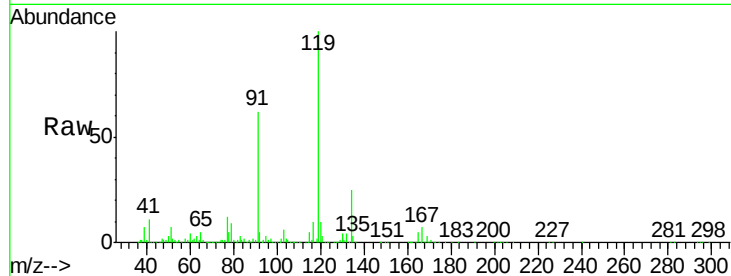
#83
 tert-Butylbenzene
 Concen: 44.533 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	973293		
91	57.0		27.7	83.1
134	24.1		11.9	35.5

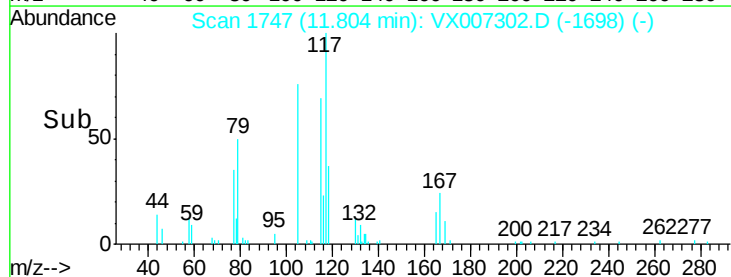
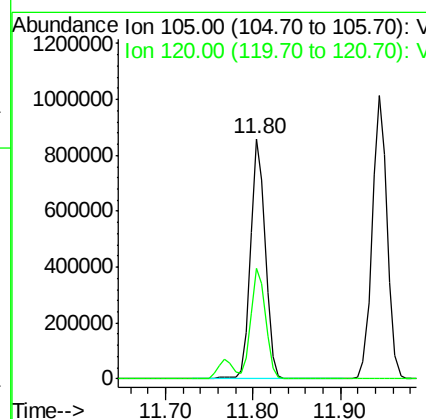
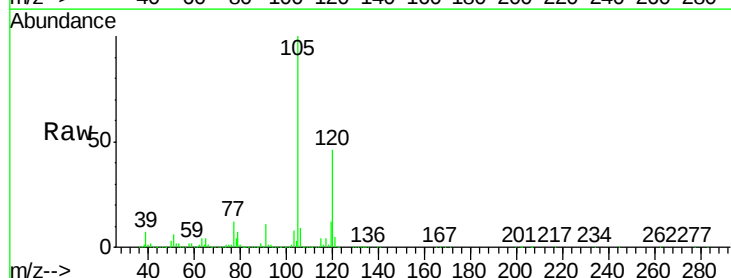
Manual Integrations
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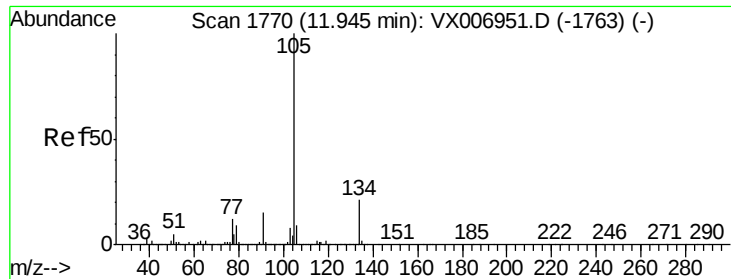
MMDadoda
 2/1/2019 10:44:07 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 45.111 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	993693		
120	46.0		23.2	69.6





#85

sec-Butylbenzene

Concen: 46.777 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1220943

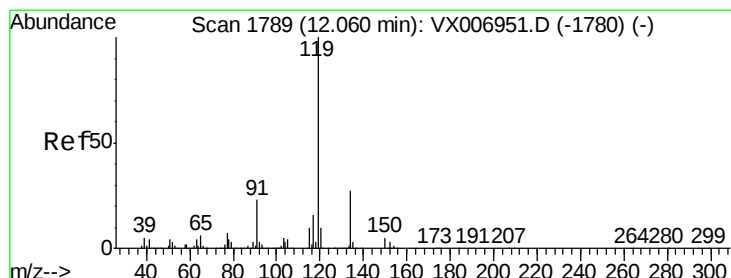
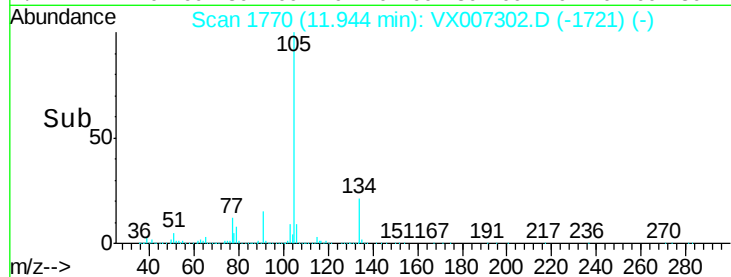
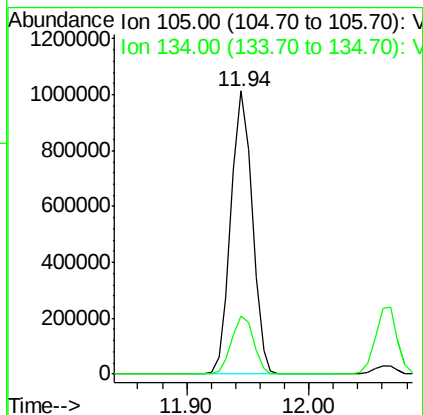
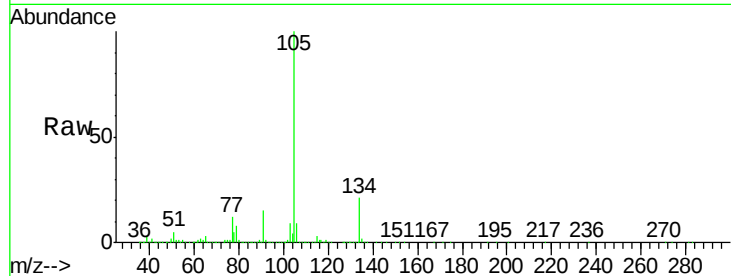
Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 46.697 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

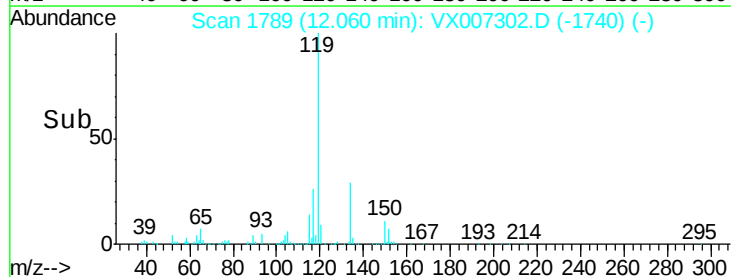
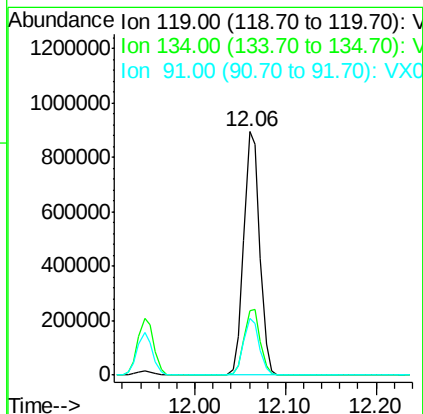
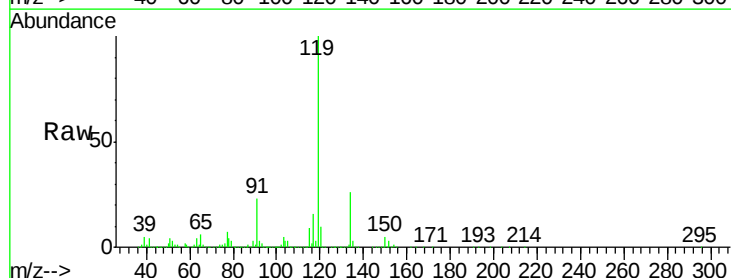
Tgt Ion:119 Resp: 1090220

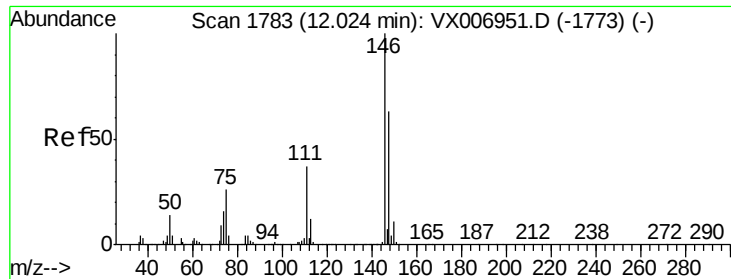
Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

91 22.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 44.308 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

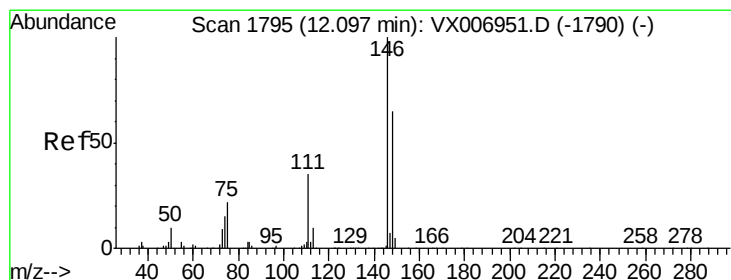
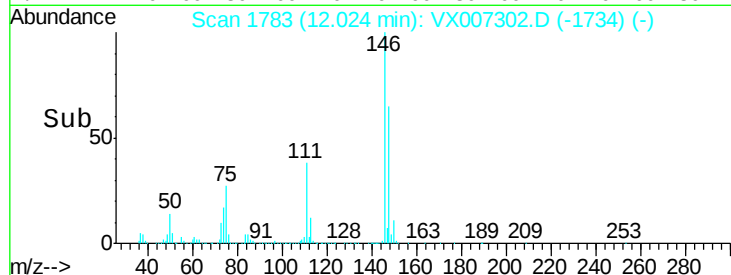
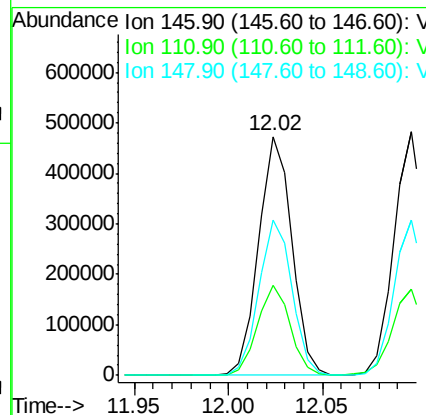
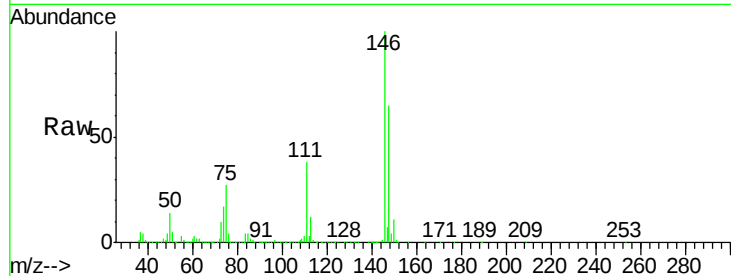
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	578493
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.6	55.8
148	64.7	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.876 ug/l

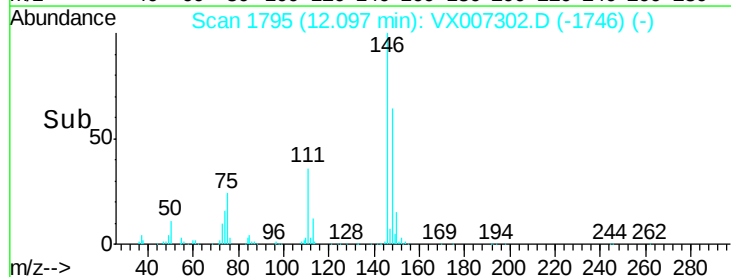
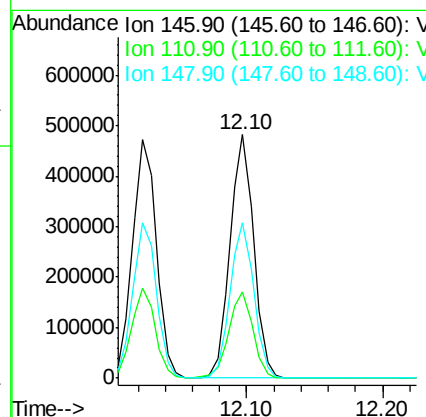
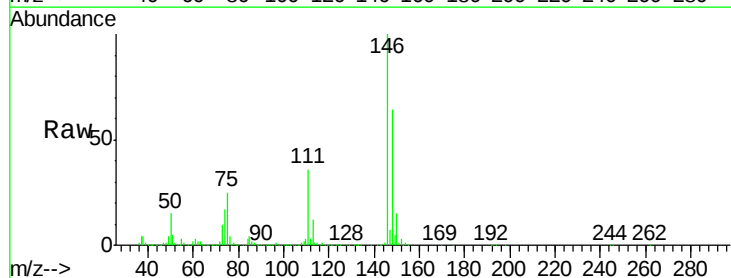
RT: 12.10 min Scan# 1795

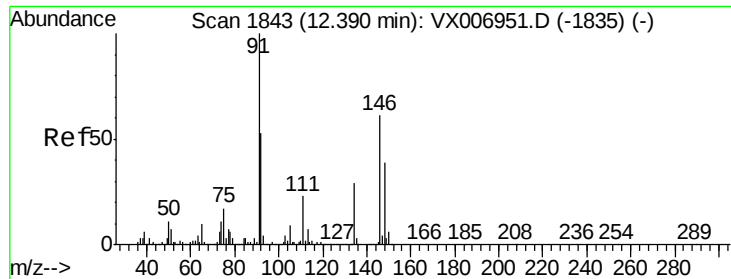
Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion:	146	Resp:	579769
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.1	54.1
148	64.0	31.9	95.9





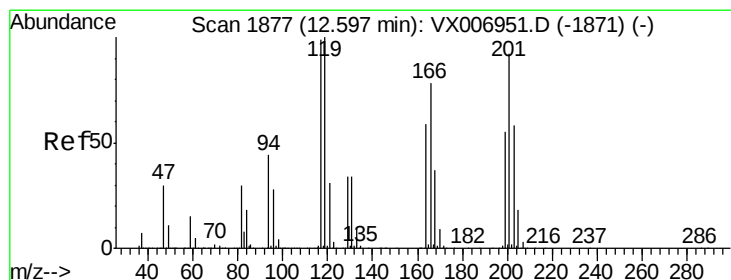
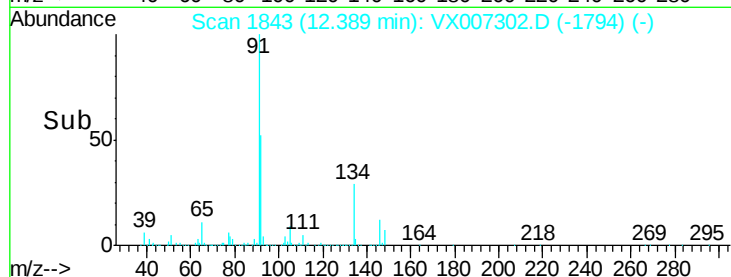
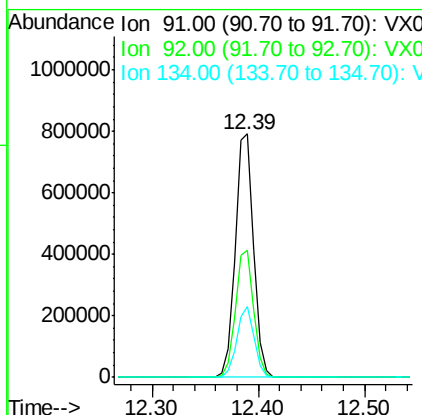
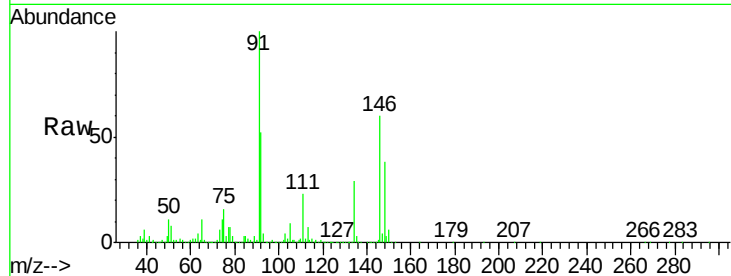
#89
n-Butylbenzene
Concen: 47.755 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.8	80.4
134	27.8	14.4	43.2

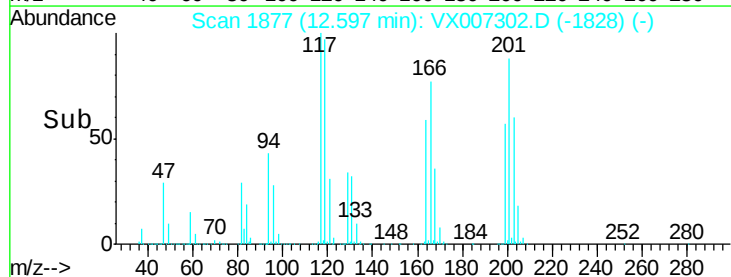
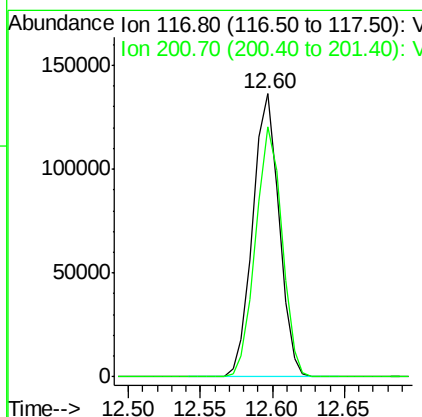
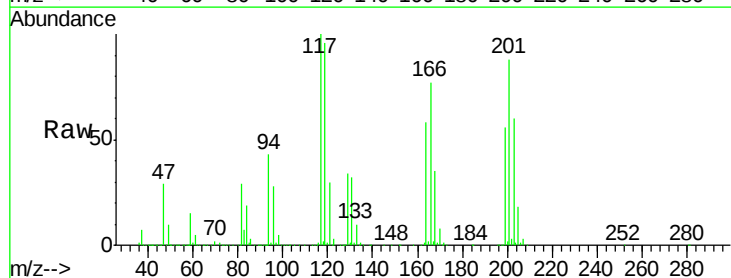
Manual Integrations
APPROVED

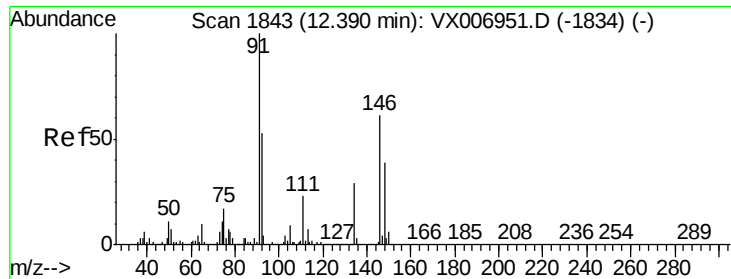
MMDadoda
2/1/2019 10:44:07 AM



#90
Hexachloroethane
Concen: 46.228 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 44.285 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

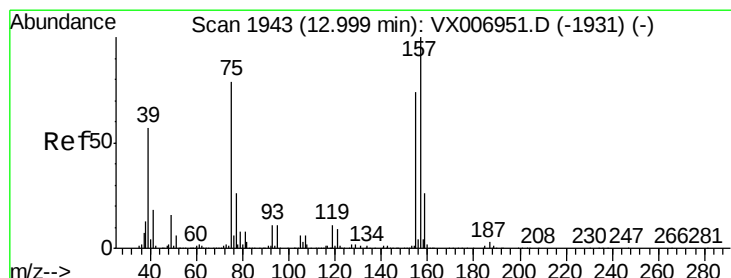
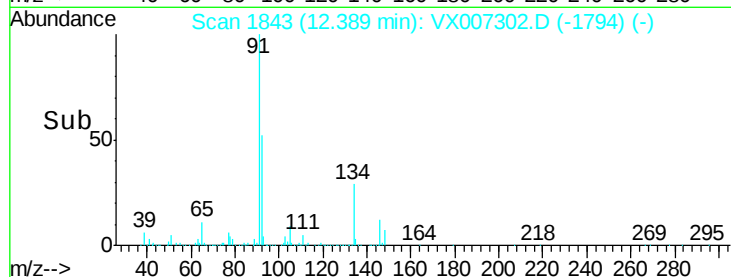
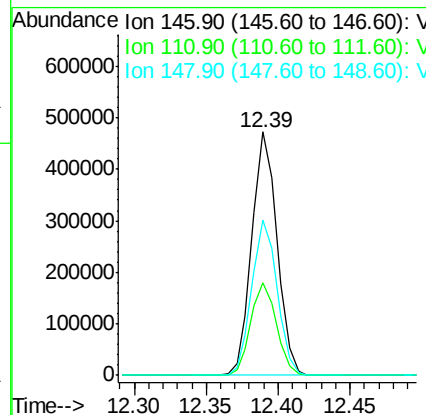
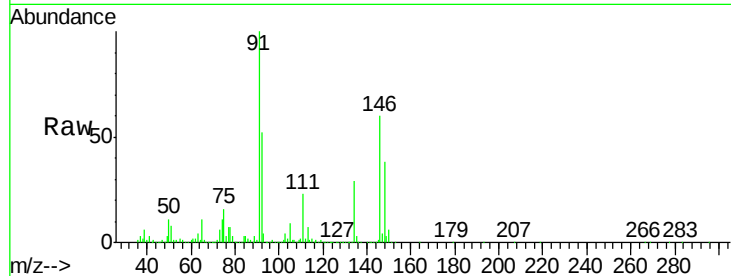
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	570597
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.4	58.2
148	64.6	32.3	96.9

Manual Integrations
APPROVED

MMDadoda
2/1/2019 10:44:07 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.773 ug/l

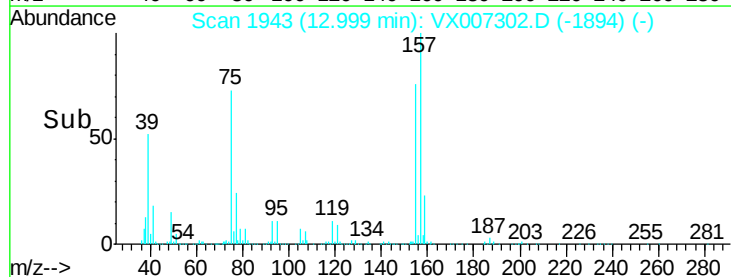
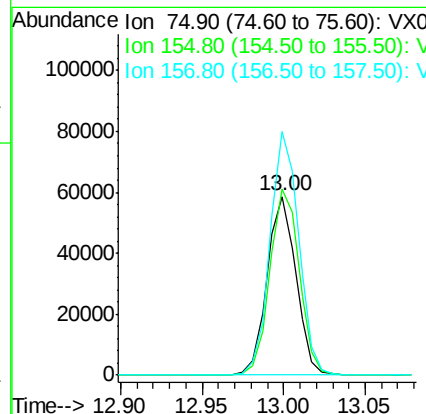
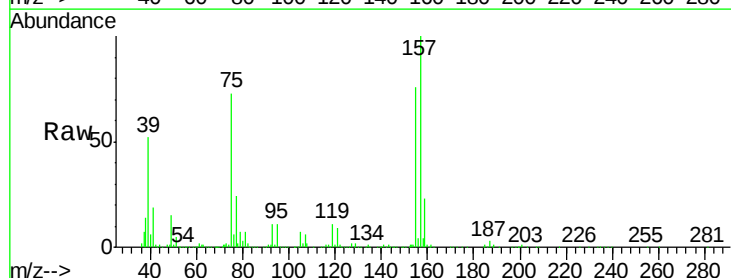
RT: 13.00 min Scan# 1943

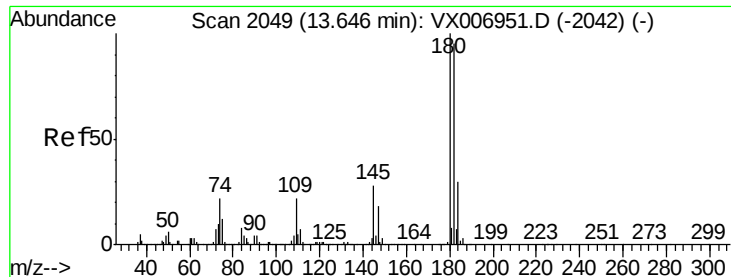
Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion:	75	Resp:	72050
Ion Ratio	Lower	Upper	
75	100		
155	106.2	50.6	151.8
157	135.7	64.6	193.8





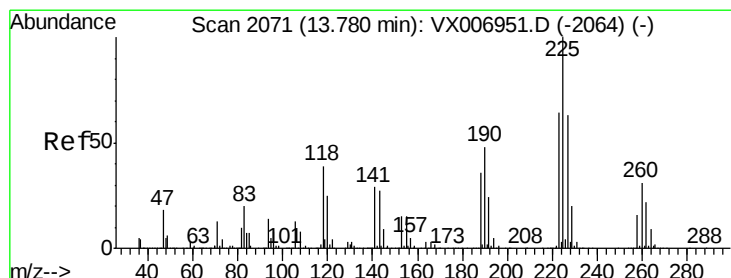
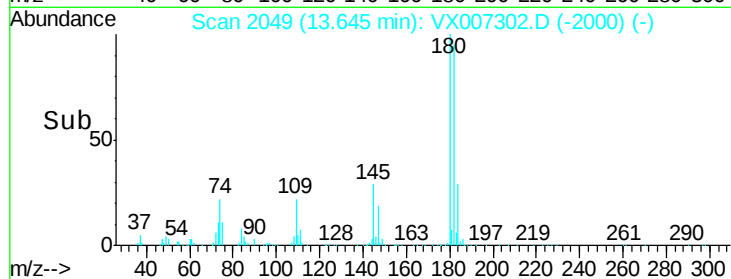
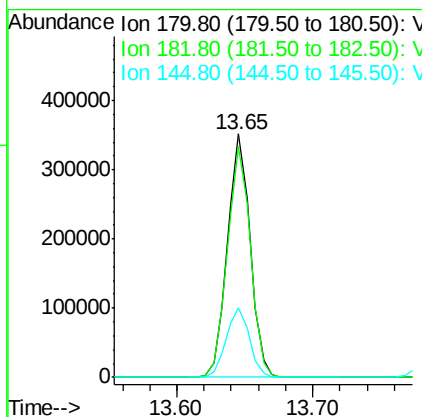
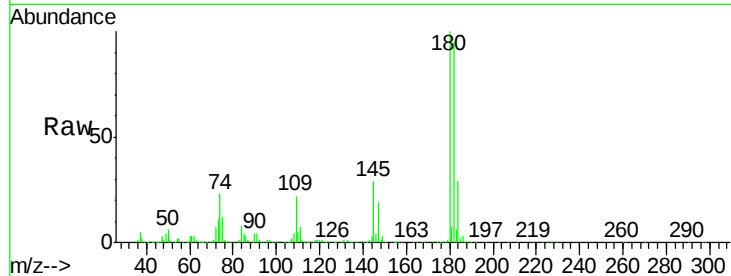
#93
 1,2,4-Trichlorobenzene
 Concen: 46.095 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	407473		
182	96.2	47.3	142.0	
145	29.2	14.8	44.3	

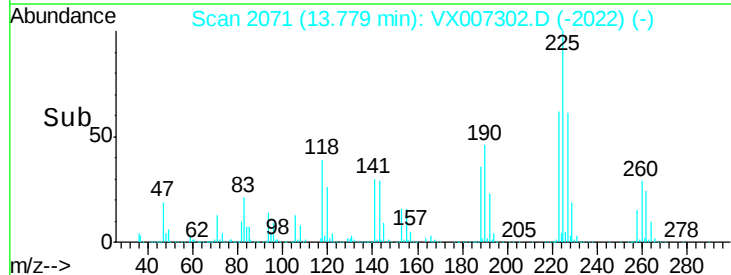
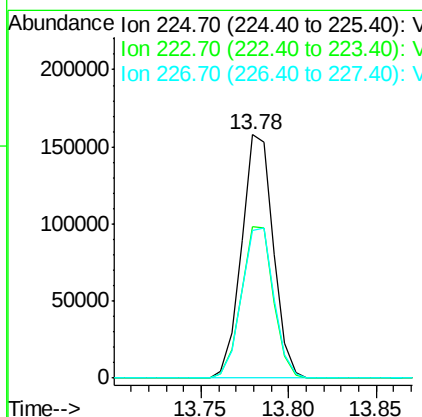
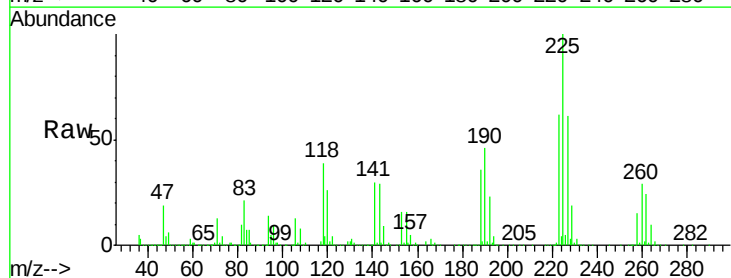
Manual Integrations
 APPROVED

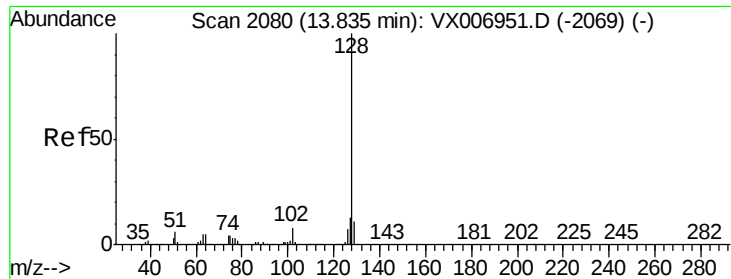
MMDadoda
 2/1/2019 10:44:07 AM



#94
 Hexachlorobutadiene
 Concen: 50.452 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	197911		
223	62.7	32.1	96.3	
227	62.9	32.3	96.8	





#95

Naphthalene

Concen: 44.817 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1200480

Ion Ratio Lower Upper

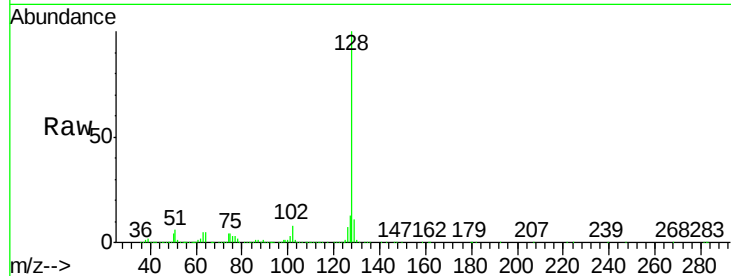
128 100

127 12.9 10.1 15.1

129 11.0 8.6 13.0

Manual Integrations
APPROVED

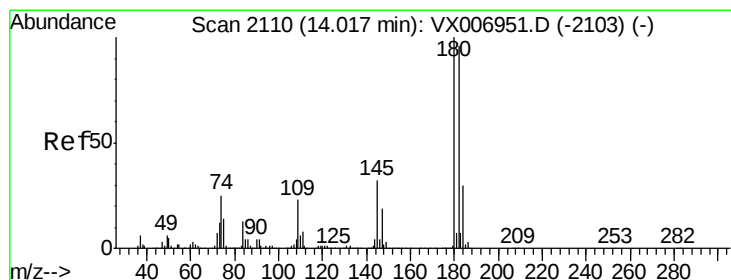
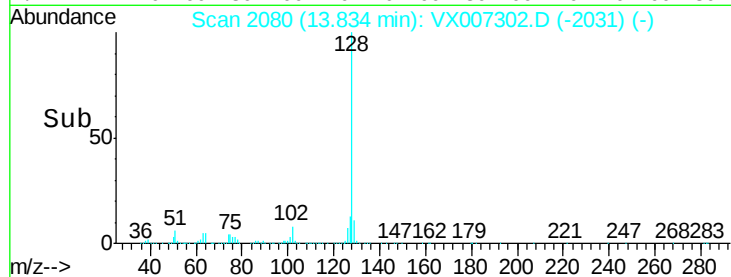
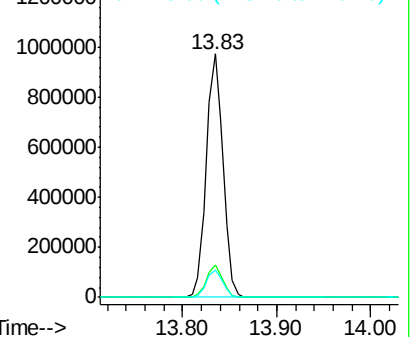
MMDadoda
2/1/2019 10:44:07 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.520 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

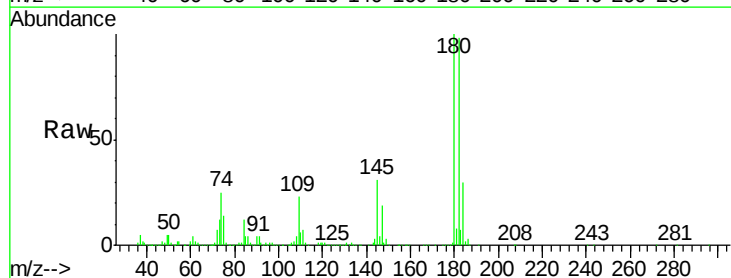
Tgt Ion:180 Resp: 408504

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.5

145 30.5 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

