

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008673.D
 Acq On : 05 Apr 2019 10:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 9:49:19 AM

Quant Time: Apr 05 13:55:38 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Wed Mar 27 12:01:15 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	34068	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	203460	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	177717	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	85449	29.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.93%
60) 4-Bromofluorobenzene	11.13	95	93038	30.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.17%
63) Toluene-d8	8.71	98	255656	30.31	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.03%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	40138	17.230 ug/l	99
3) Chloromethane	1.32	50	54103	17.726 ug/l	97
4) Vinyl Chloride	1.41	62	52409	17.035 ug/l	97
5) Bromomethane	1.64	94	24234	15.202 ug/l	99
6) Chloroethane	1.72	64	32541	16.161 ug/l	98
7) Trichlorofluoromethane	1.93	101	59627	17.462 ug/l	95
8) Diethyl Ether	2.18	74	27577	17.125 ug/l	80
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38159	17.944 ug/l	93
10) 1,1-Dichloroethene	2.37	96	37521	17.392 ug/l	88
11) Methyl Iodide	2.51	142	25925	11.605 ug/l	97
12) Methyl Acetate	3.19	43	31188	17.837 ug/l	93
13) Acrolein	2.29	56	87034	173.504 ug/l	97
14) Acrylonitrile	3.14	53	148137	91.635 ug/l	99
15) Acetone	2.44	58	56154	112.642 ug/l	96
16) Carbon Disulfide	2.57	76	114198	17.016 ug/l	98
17) Allyl chloride	2.73	41	88727	18.299 ug/l	91
18) Methylene Chloride	2.85	84	47072	18.253 ug/l	88
19) trans-1,2-Dichloroethene	3.17	96	41744	18.111 ug/l	90
20) Diisopropyl ether	3.85	45	172125	18.239 ug/l #	93
21) 1,1-Dichloroethane	3.70	63	85140	17.973 ug/l	97
22) cis-1,2-Dichloroethene	4.59	96	48642	18.262 ug/l #	81
23) tert-Butyl Alcohol	3.04	59	59006	90.390 ug/l #	100
24) Methyl tert-Butyl Ether	3.19	73	142347	17.953 ug/l	99
25) Chloroform	5.21	83	77392	18.037 ug/l	98
26) Cyclohexane	5.57	56	84179	18.292 ug/l #	82
29) 1,1-Dichloropropene	5.80	75	61076	17.843 ug/l	93
30) 2-Butanone	4.67	43	240446	95.527 ug/l	93
31) 2,2-Dichloropropane	4.58	77	61731	18.057 ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	61408	17.276 ug/l	95
33) Carbon Tetrachloride	5.78	117	51541	17.331 ug/l	95
34) Benzene	6.13	78	184403	17.624 ug/l #	96
35) Methacrylonitrile	5.04	41	46264	18.074 ug/l	93
36) 1,2-Dichloroethane	6.19	62	66576	17.847 ug/l	97
37) Trichloroethene	7.21	130	43831m	18.216 ug/l	
38) Methylcyclohexane	7.46	83	76626	17.766 ug/l	88
39) 1,2-Dichloropropane	7.51	63	52039	17.535 ug/l	98
40) Dibromomethane	7.66	93	29676	17.262 ug/l	90

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 QLast Update : Wed Mar 27 12:01:15 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.89	83	57870	17.120	ug/l	98
42) Vinyl Acetate	3.81	43	769697	90.207	ug/l #	93
43) Ethyl Acetate	4.82	43	80415	17.751	ug/l #	82
44) Isopropyl Acetate	6.44	43	127564	17.414	ug/l	98
45) 1,4-Dioxane	7.74	88	25352	347.653	ug/l #	82
46) Methyl methacrylate	7.77	41	64845	17.429	ug/l	84
47) n-amyl Acetate	10.90	43	114093	17.146	ug/l	93
48) t-1,3-Dichloropropene	9.04	75	65374	17.122	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	75415	17.659	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	44906	17.592	ug/l	96
51) Ethyl methacrylate	9.18	69	80559	16.959	ug/l	90
52) 1,3-Dichloropropane	9.37	76	79168	17.433	ug/l	100
53) Dibromochloromethane	9.58	129	42738	17.014	ug/l	100
54) 1,2-Dibromoethane	9.67	107	45666	17.354	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	275477	114.951	ug/l	95
56) Bromoform	10.85	173	29985	16.379	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	419859	89.551	ug/l #	95
59) 2-Hexanone	9.49	43	349806	94.437	ug/l	96
61) Tetrachloroethene	9.34	164	37924	19.509	ug/l	97
62) Toluene	8.78	91	193815	18.013	ug/l	99
64) Chlorobenzene	10.13	112	112388	17.826	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	39832	17.919	ug/l	98
66) Ethyl Benzene	10.25	91	213304	17.860	ug/l	95
67) m/p-Xylenes	10.36	106	155076	35.599	ug/l	91
68) o-Xylene	10.69	106	75269	17.657	ug/l	93
69) Styrene	10.71	104	131384	17.713	ug/l	96
70) Isopropylbenzene	11.02	105	202921	18.046	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.26	83	73284	17.446	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	63055m	17.758	ug/l	
73) Bromobenzene	11.26	156	47769	17.856	ug/l	78
74) n-propylbenzene	11.36	91	238015	17.768	ug/l	94
75) 2-Chlorotoluene	11.42	91	140975	17.689	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	169731	17.655	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	22657	16.635	ug/l	94
78) 4-Chlorotoluene	11.51	91	160905	17.542	ug/l	91
79) tert-butylbenzene	12.06	119	175184	17.831	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	168703	17.600	ug/l	95
81) sec-Butylbenzene	11.94	105	192654	17.539	ug/l	97
82) p-Isopropyltoluene	12.06	119	175184	17.831	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	84885	17.872	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	84982	17.905	ug/l	96
85) n-Butylbenzene	12.38	91	161611	17.313	ug/l	97
86) Hexachloroethane	12.60	117	27419	16.704	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	85951	17.960	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15936	17.116	ug/l #	78
89) 1,2,4-Trichlorobenzene	13.65	180	59883	18.140	ug/l	99
90) Hexachlorobutadiene	13.78	225	29625	18.628	ug/l	98
91) Naphthalene	13.83	128	202559	17.910	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	60947	18.329	ug/l	99

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

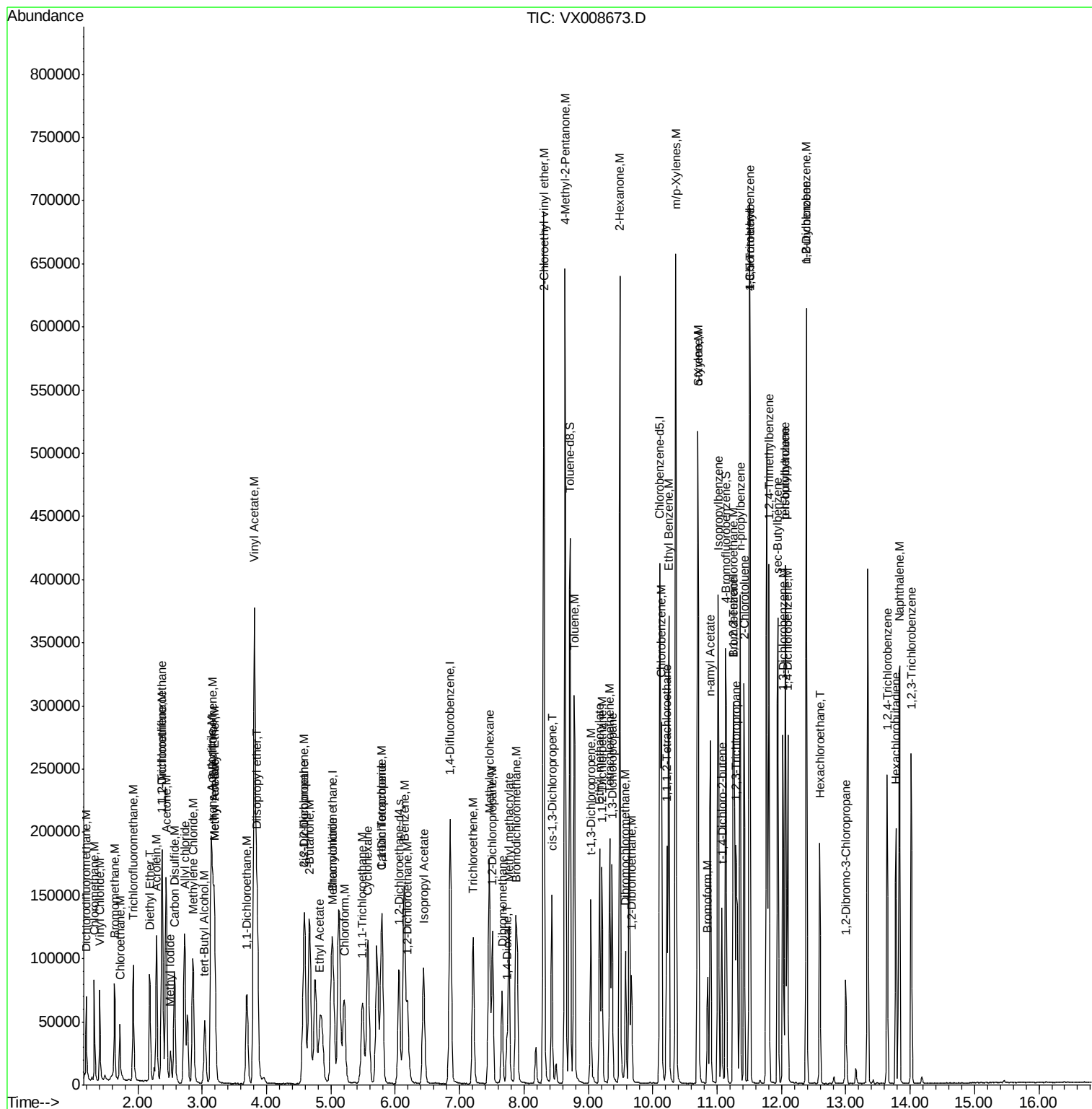
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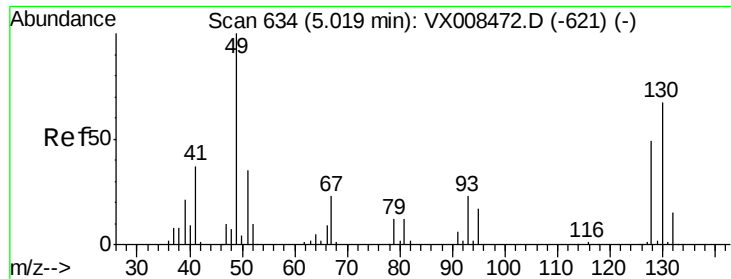
Instrument :
MSVOA_X
Client Sample ID :
VSTDCCC020

Manual Integrations
APPROVED

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

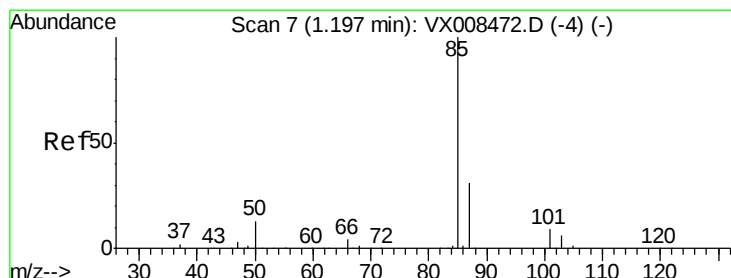
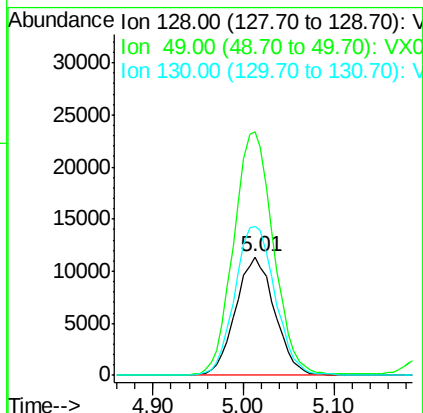
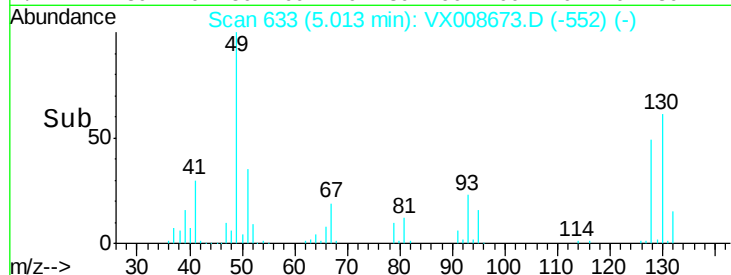
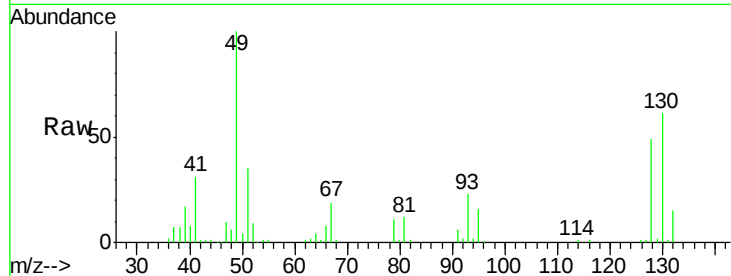
ClientSampleId :

VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
128	100		
49	208.9	0.0	350.8
130	129.5	0.0	325.8

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 17.230 ug/l

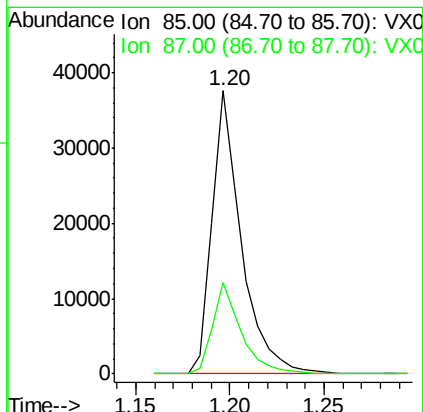
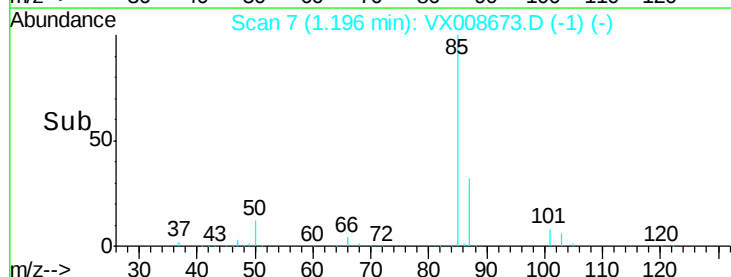
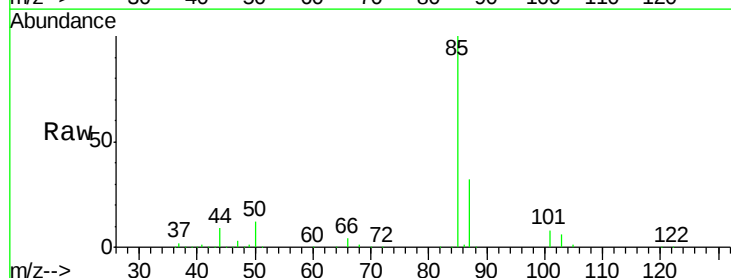
RT: 1.20 min Scan# 7

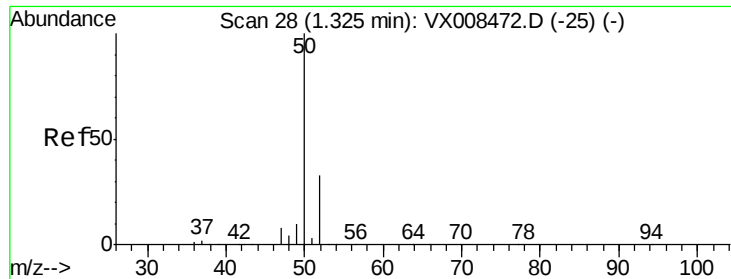
Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.6	49.8





#3

Chloromethane

Concen: 17.726 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 50 Resp: 54103

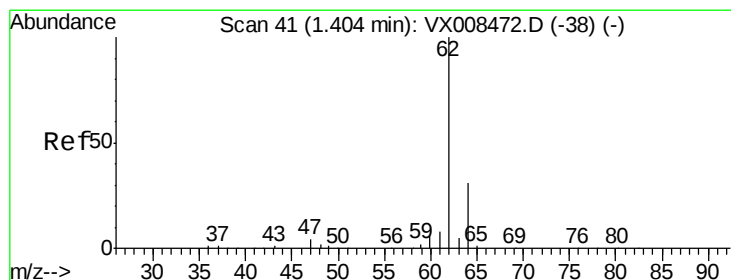
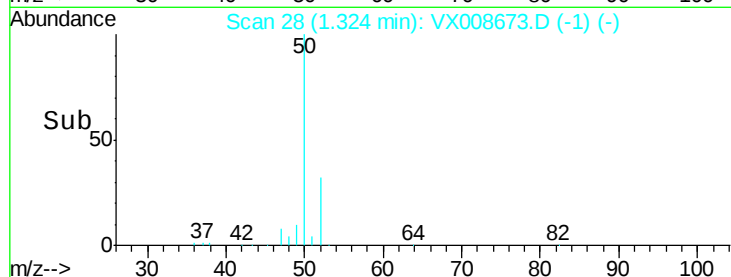
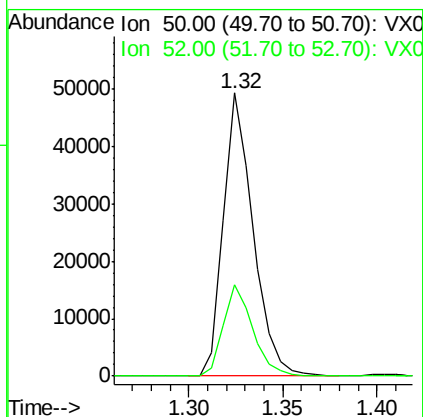
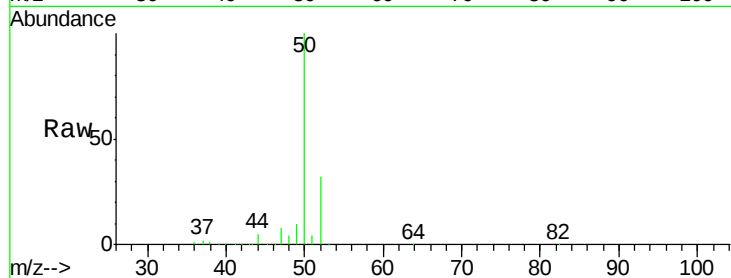
Ion Ratio Lower Upper

50 100

52 32.4 27.5 41.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.035 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008673.D

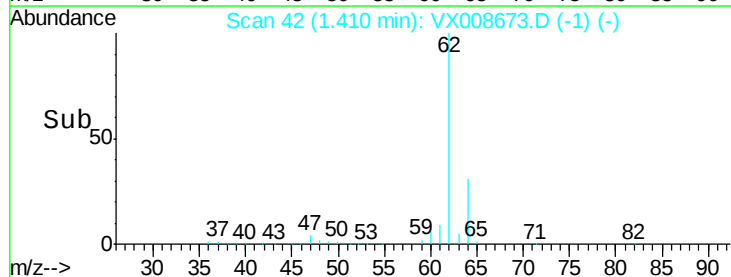
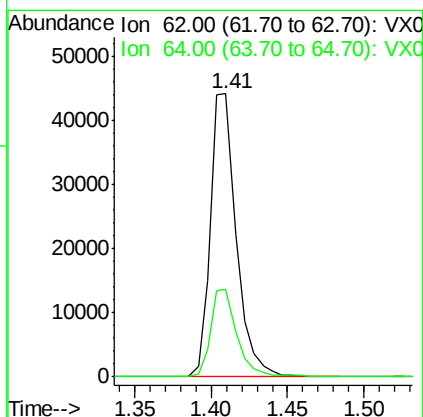
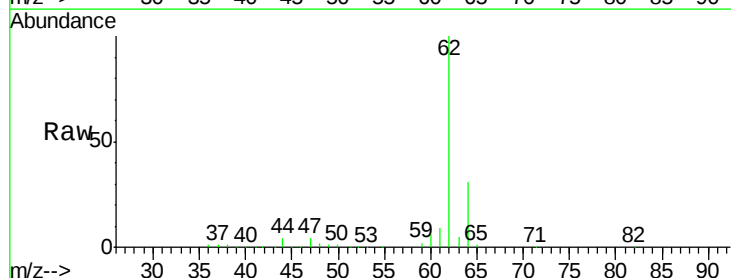
Acq: 05 Apr 2019 10:11

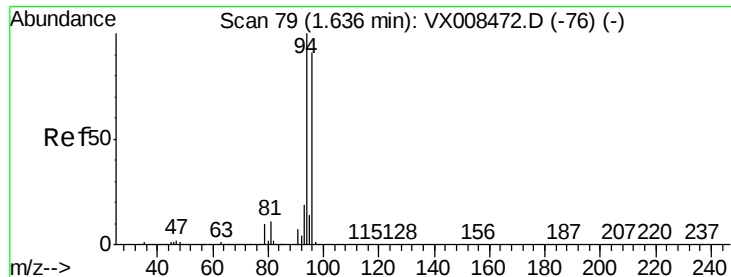
Tgt Ion: 62 Resp: 52409

Ion Ratio Lower Upper

62 100

64 30.9 25.9 38.9





#5

Bromomethane

Concen: 15.202 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 94 Resp: 24234

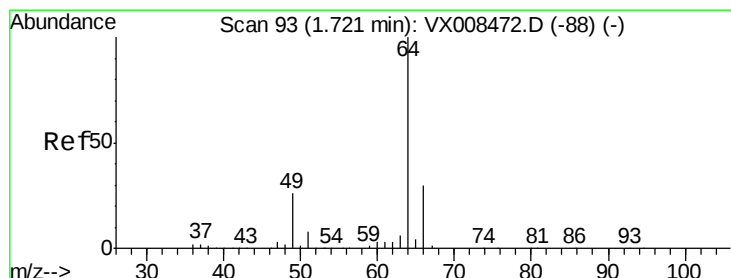
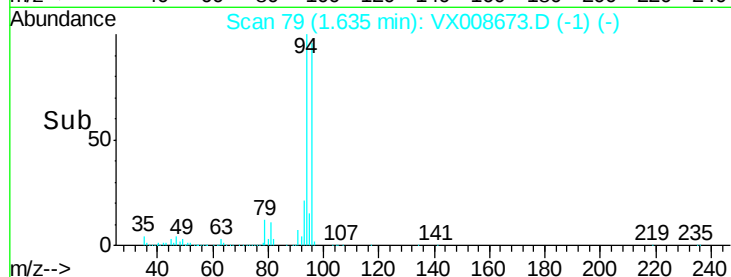
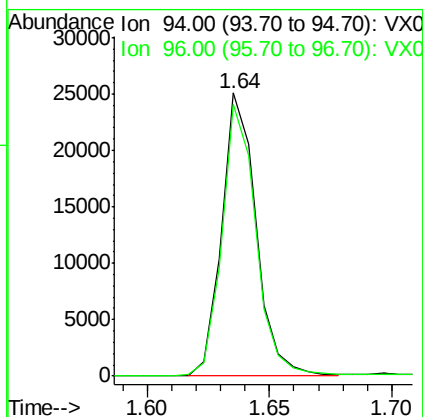
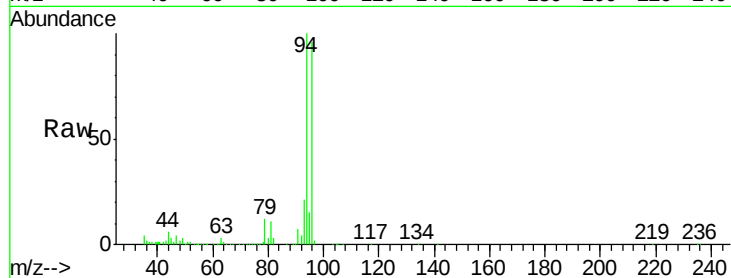
Ion Ratio Lower Upper

94 100

96 95.7 75.6 113.4

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4/8/2019 9:49:19 AM



#6

Chloroethane

Concen: 16.161 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008673.D

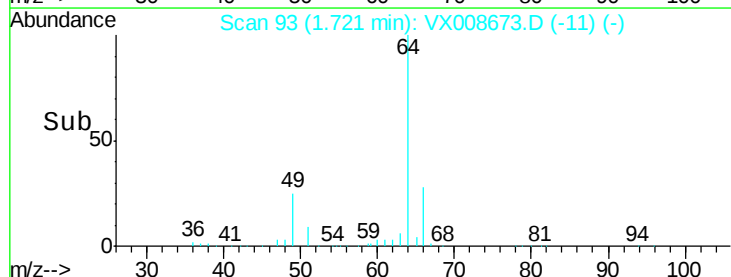
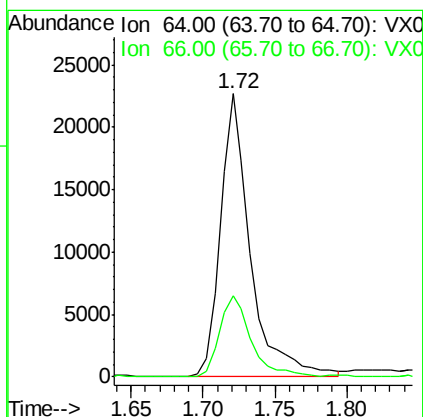
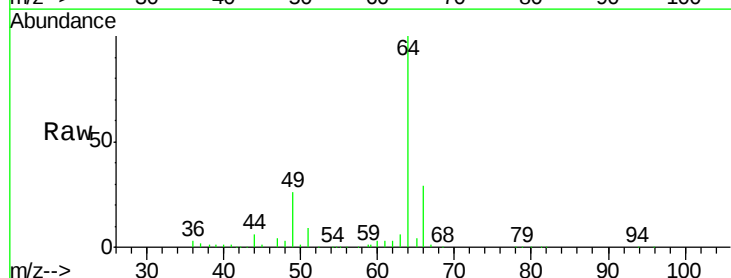
Acq: 05 Apr 2019 10:11

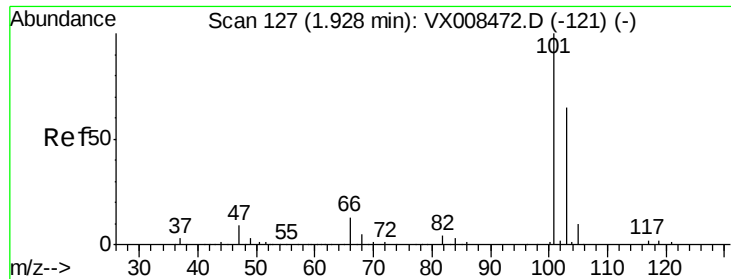
Tgt Ion: 64 Resp: 32541

Ion Ratio Lower Upper

64 100

66 29.0 23.9 35.9





#7

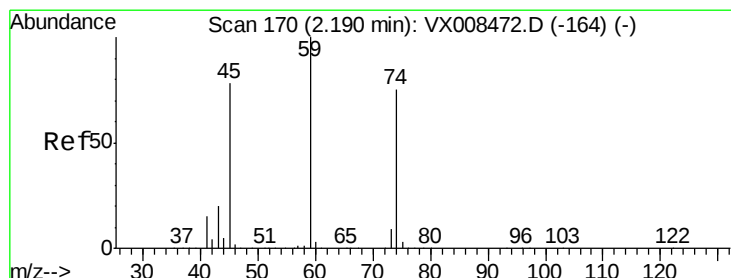
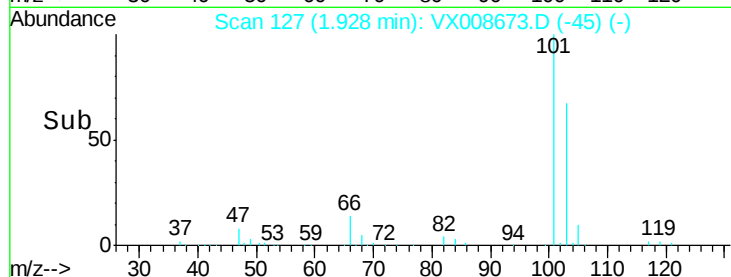
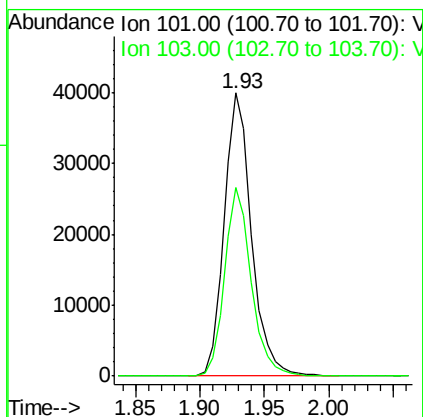
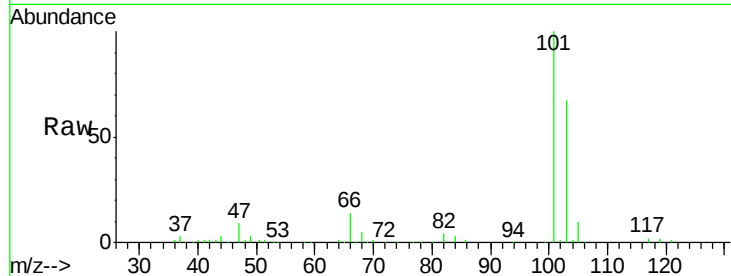
Trichlorofluoromethane
 Concen: 17.462 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 101 Resp: 59627
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.4 75.6

Manual Integrations
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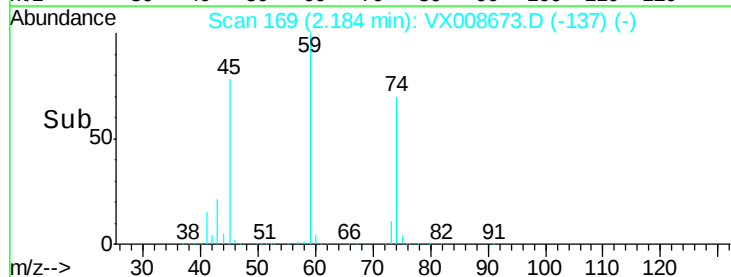
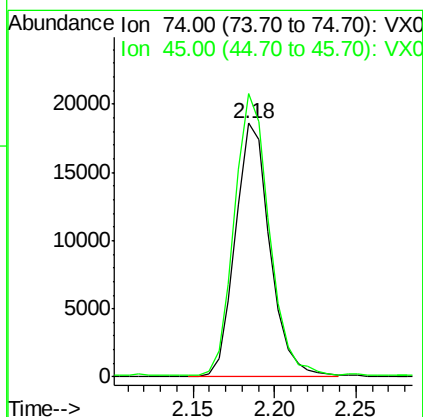
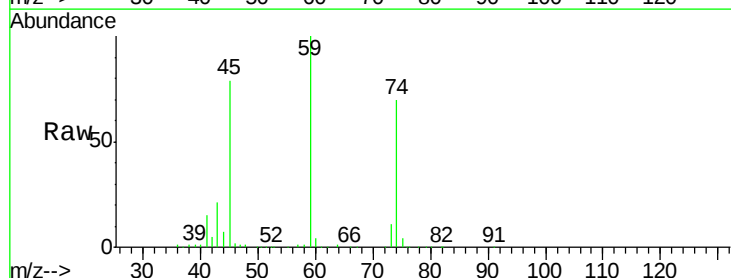
MMDadoda
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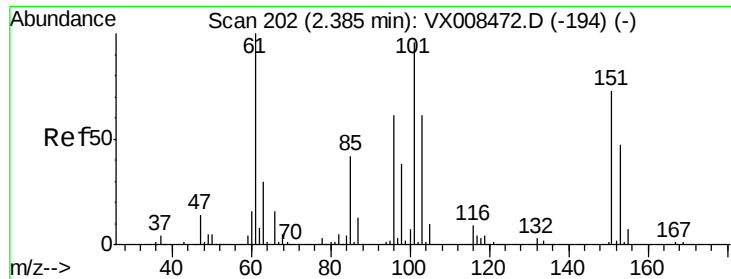


#8

Diethyl Ether
 Concen: 17.125 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 74 Resp: 27577
 Ion Ratio Lower Upper
 74 100
 45 111.9 18.6 167.8





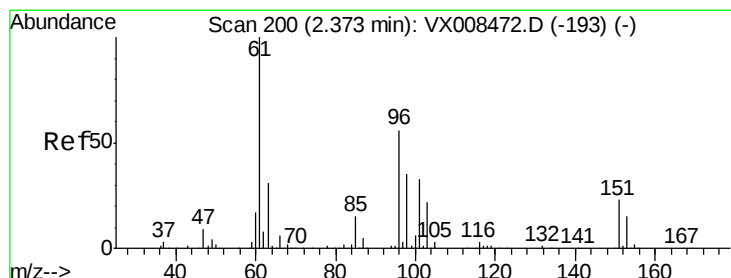
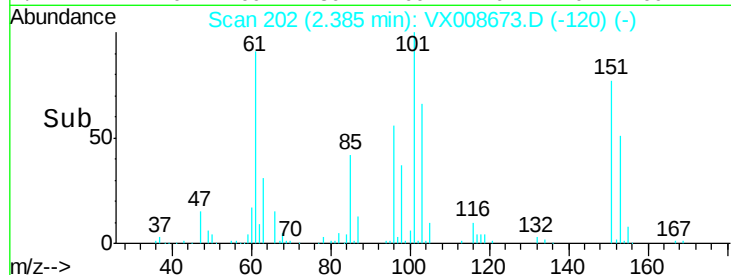
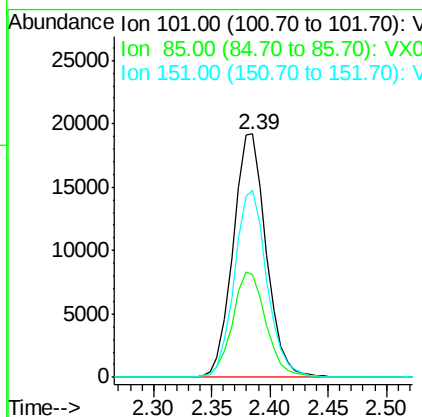
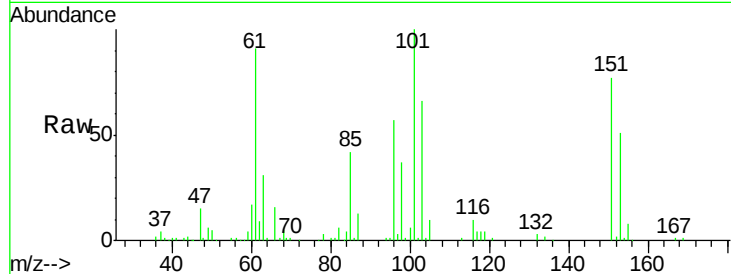
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.944 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	38159		
85	43.6	0.0	86.8	
151	75.6	0.0	169.2	

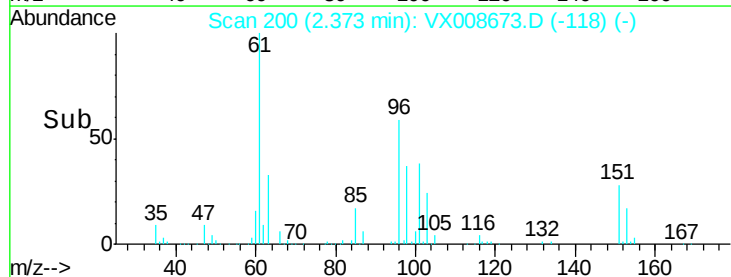
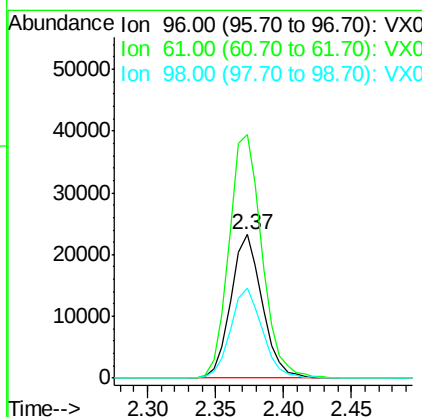
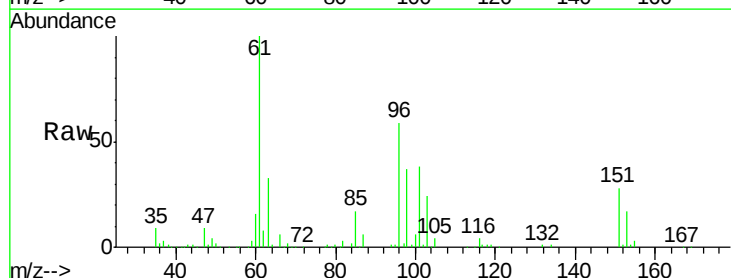
Manual Integrations
 APPROVED

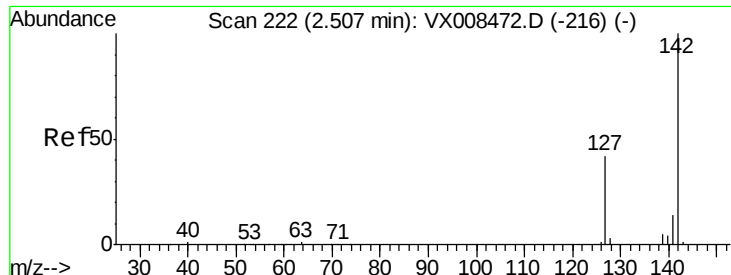
MMDadoda
 4/8/2019 9:49:19 AM



#10
 1,1-Dichloroethene
 Concen: 17.392 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	37521		
61	170.0	120.2	180.2	
98	62.5	49.0	73.4	





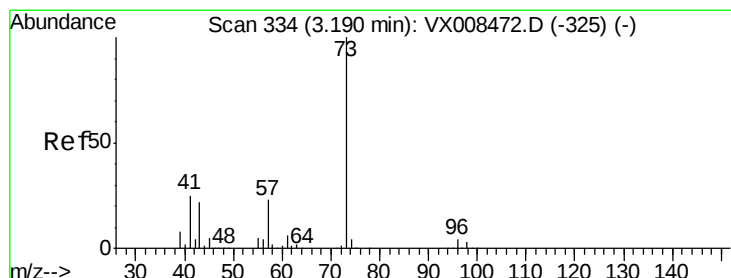
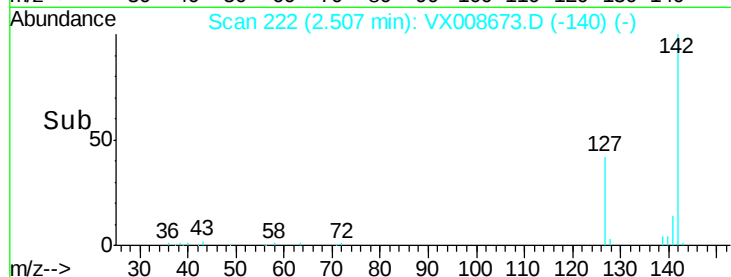
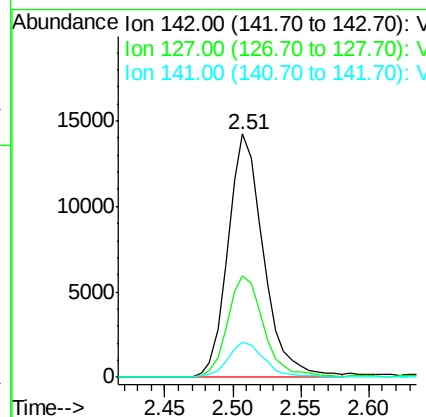
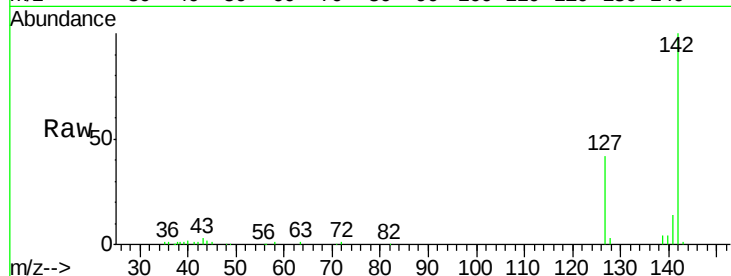
#11
Methyl Iodide
Concen: 11.605 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.0	22.1	66.5
141	14.5	7.4	22.3

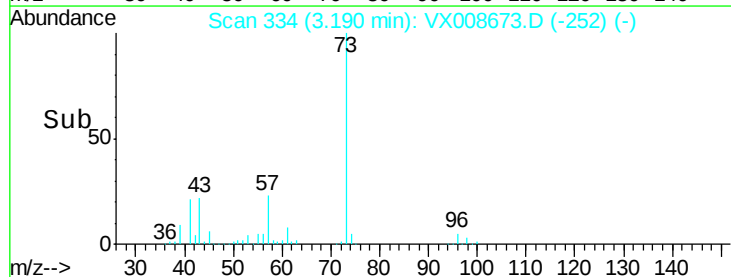
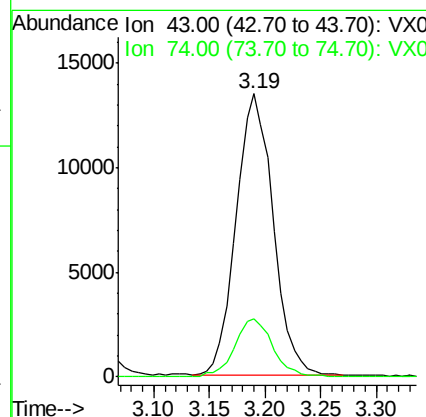
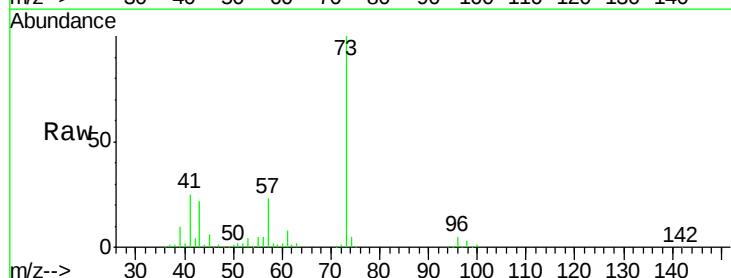
Manual Integrations
APPROVED

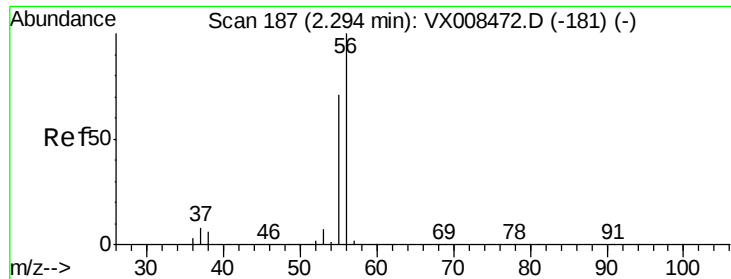
MMDadoda
4/8/2019 9:49:19 AM



#12
Methyl Acetate
Concen: 17.837 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	19.4	29.0





#13

Acrolein

Concen: 173.504 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 87034

Ion Ratio Lower Upper

56 100

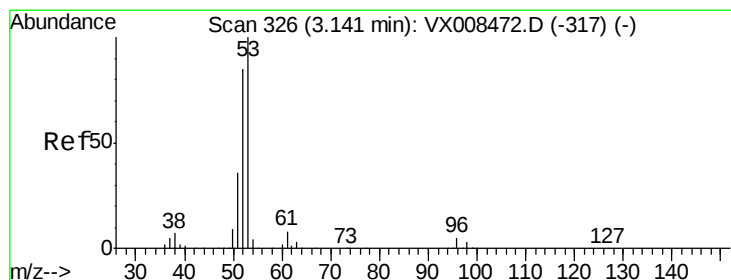
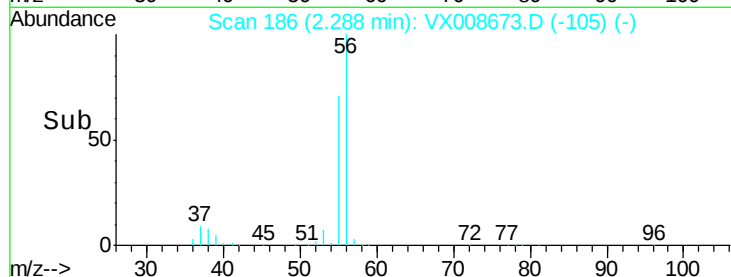
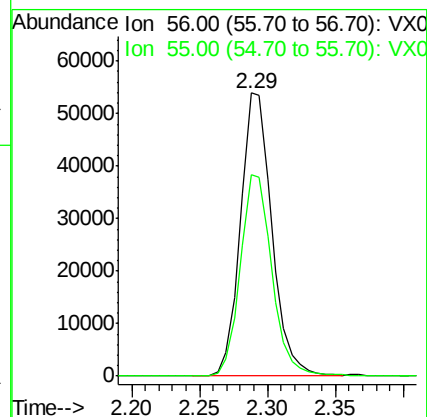
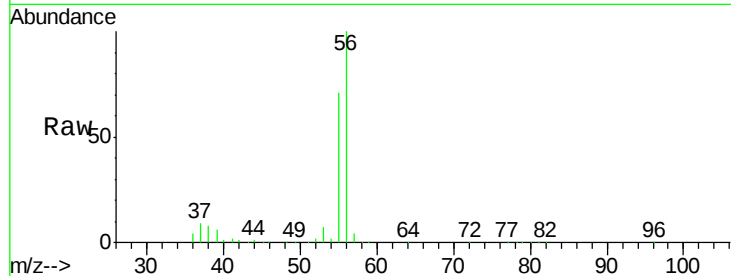
55 71.1 58.6 87.8

Manual Integrations

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MMDadoda

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#14

Acrylonitrile

Concen: 91.635 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

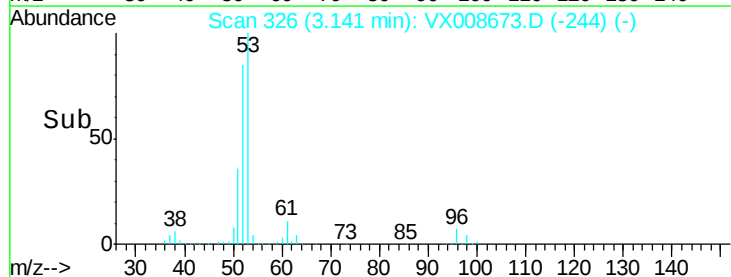
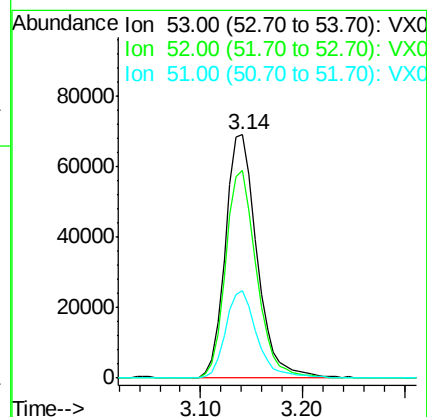
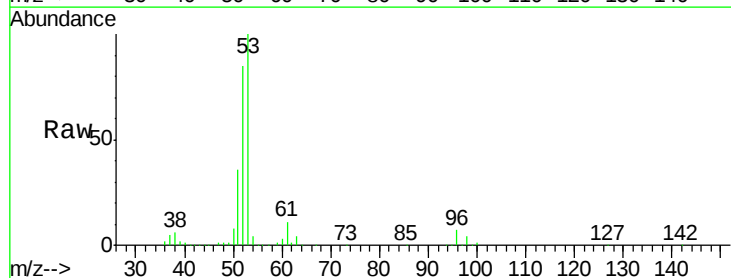
Tgt Ion: 53 Resp: 148137

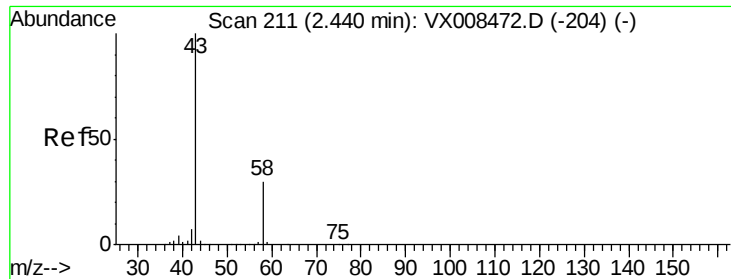
Ion Ratio Lower Upper

53 100

52 83.9 41.3 124.1

51 35.9 17.5 52.6





#15

Acetone

Concen: 112.642 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 56154

Ion Ratio Lower Upper

58 100

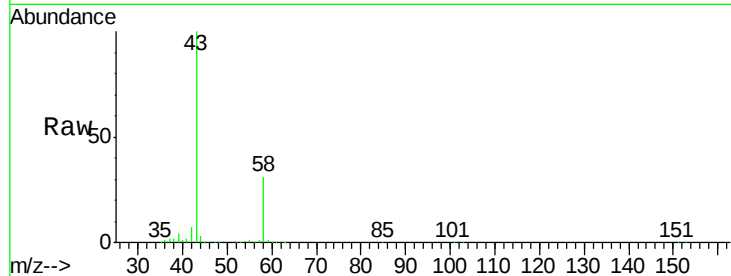
43 319.9 249.8 374.6

Manual Integrations

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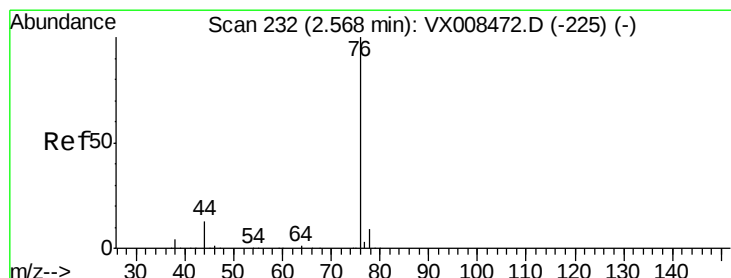
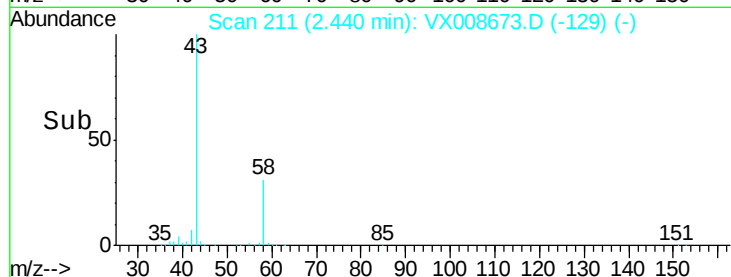
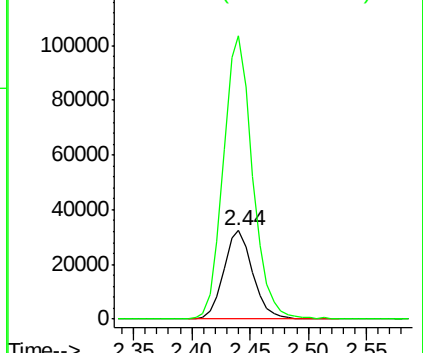
MMDadoda

4/8/2019 9:49:19 AM



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.016 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008673.D

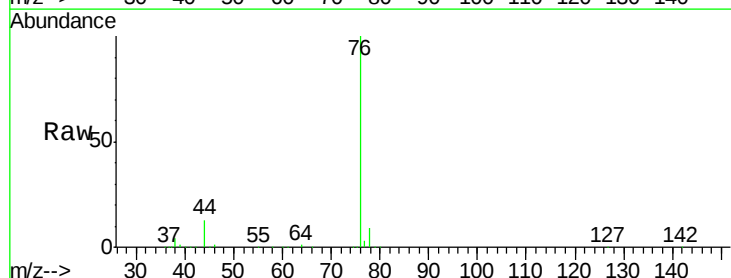
Acq: 05 Apr 2019 10:11

Tgt Ion: 76 Resp: 114198

Ion Ratio Lower Upper

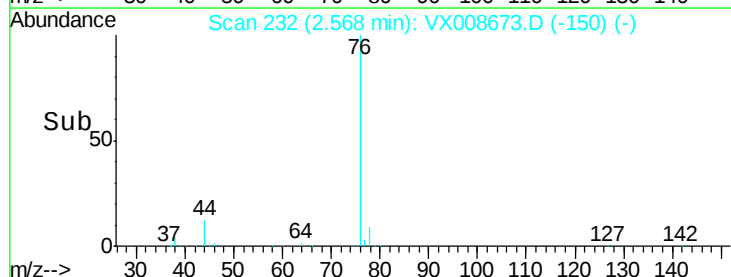
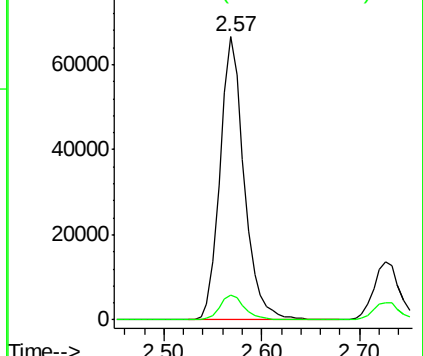
76 100

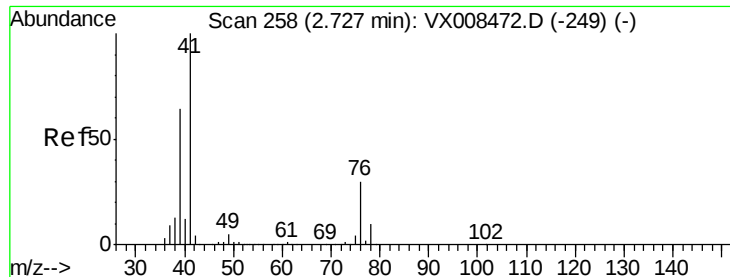
78 8.8 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





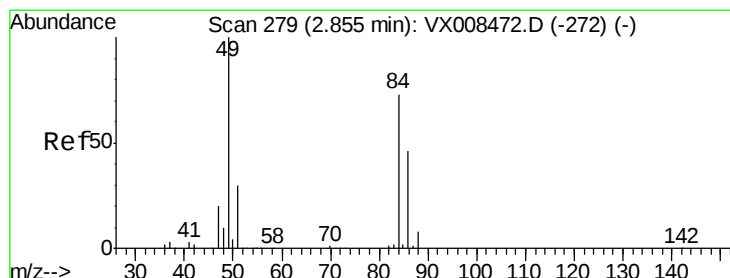
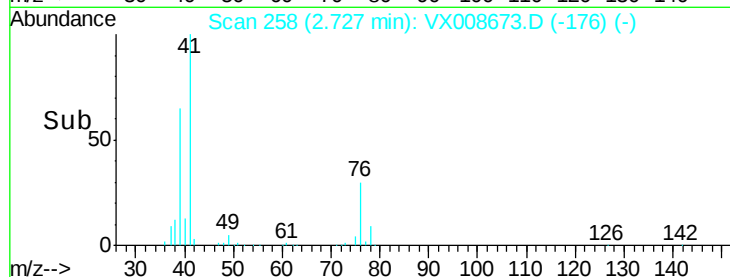
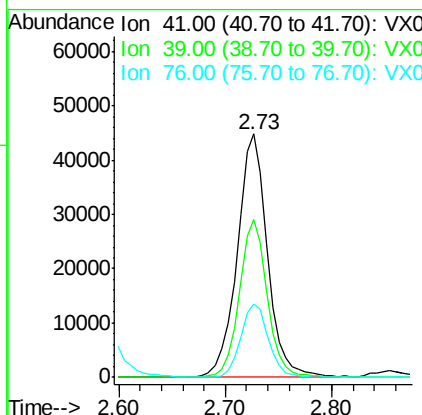
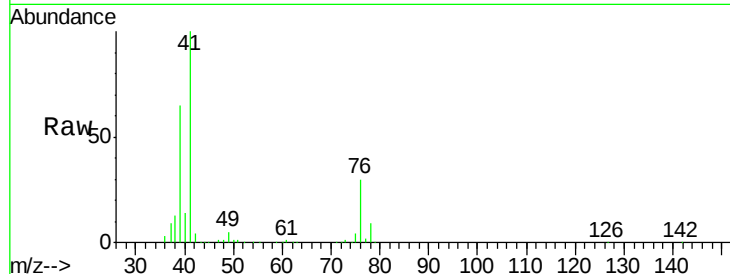
#17
 Allyl chloride
 Concen: 18.299 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.8	35.8	107.4
76	30.3	18.3	54.9

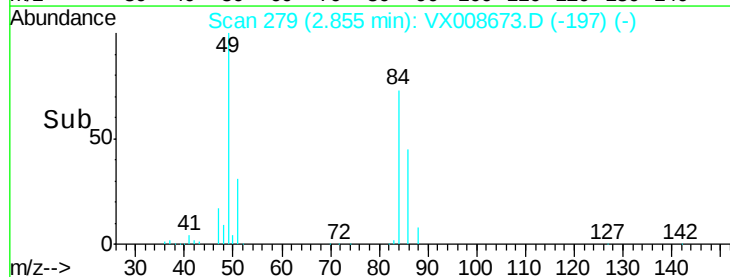
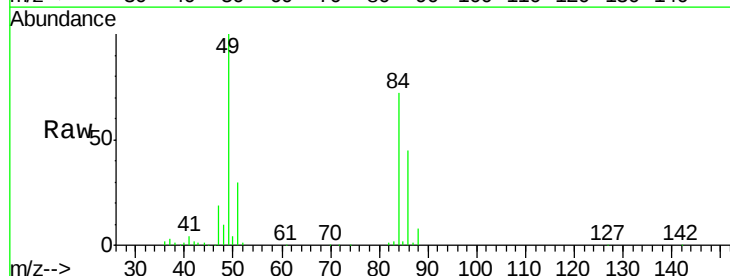
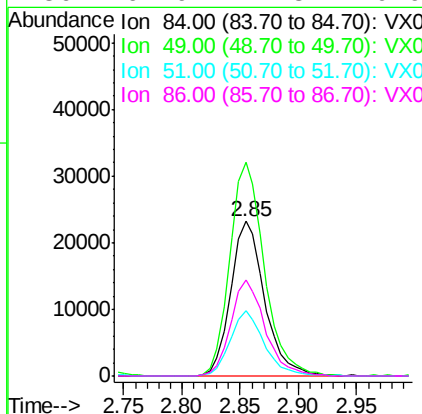
Manual Integrations
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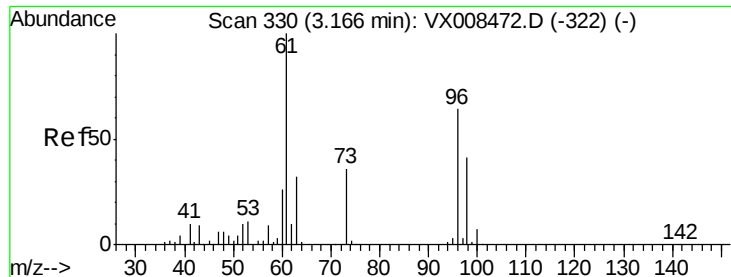
MMDadoda
 4/8/2019 9:49:19 AM



#18
 Methylene Chloride
 Concen: 18.253 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.0	96.1	144.1
51	41.9	29.1	43.7
86	61.9	47.3	70.9





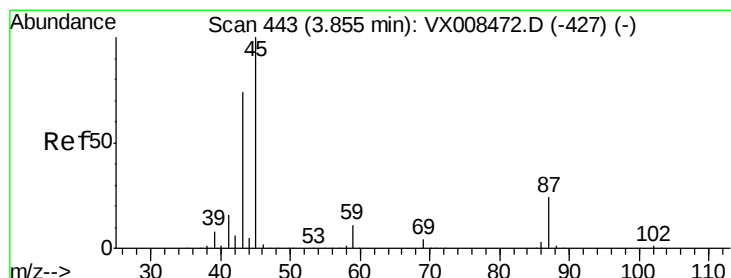
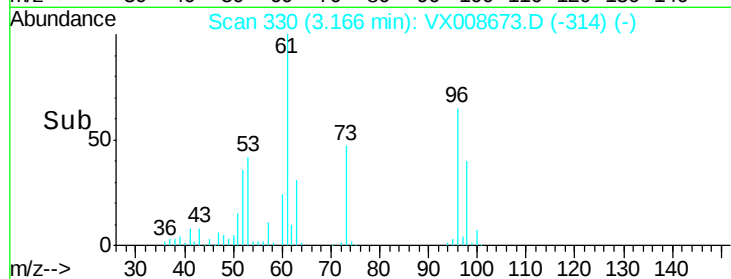
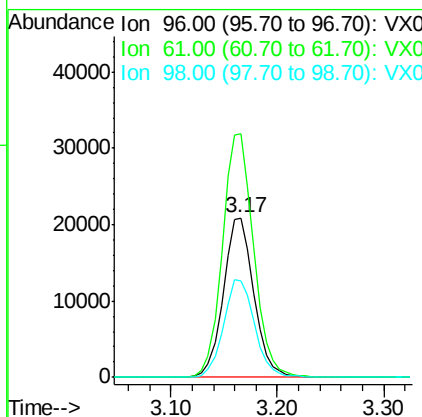
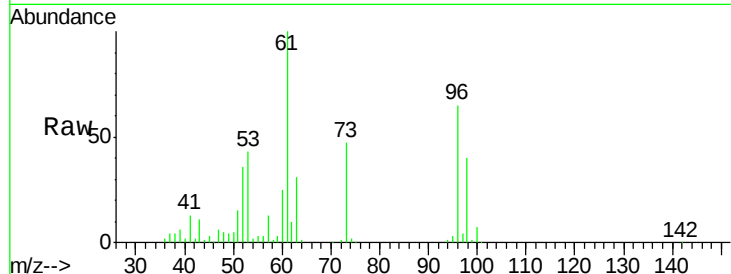
#19
trans-1,2-Dichloroethene
Concen: 18.111 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.0	109.9	164.9
98	60.7	50.4	75.6

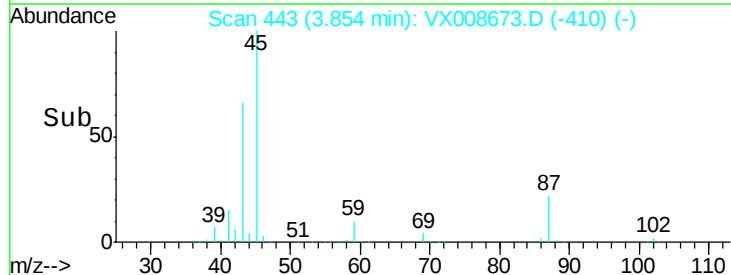
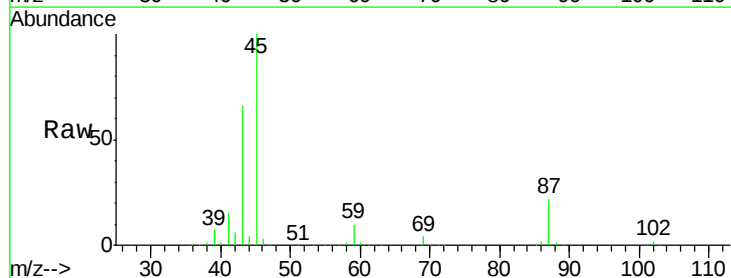
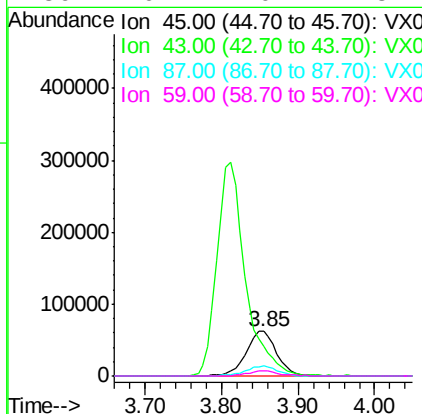
Manual Integrations
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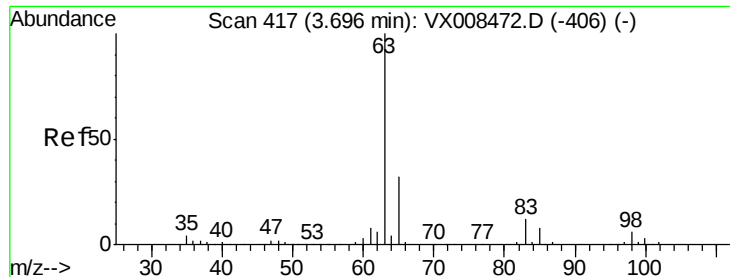
MMDadoda
4/8/2019 9:49:19 AM



#20
Diisopropyl ether
Concen: 18.239 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.1	50.6	76.0
87	22.4	24.5	36.7#
59	10.4	10.2	15.2





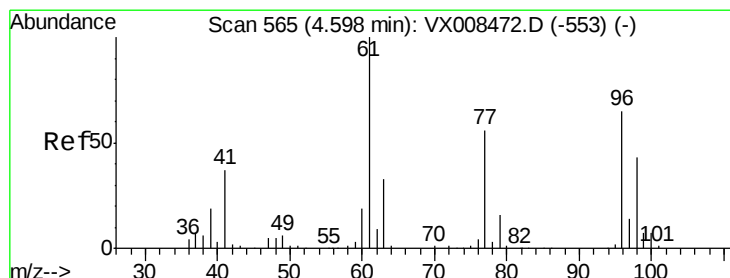
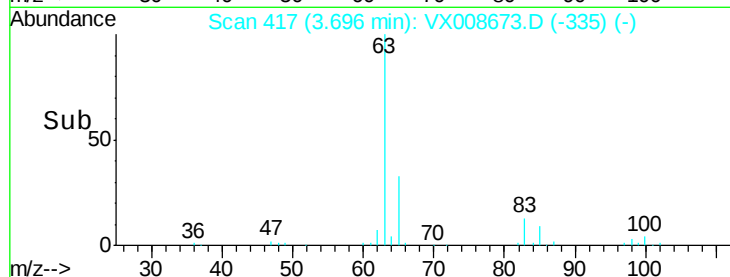
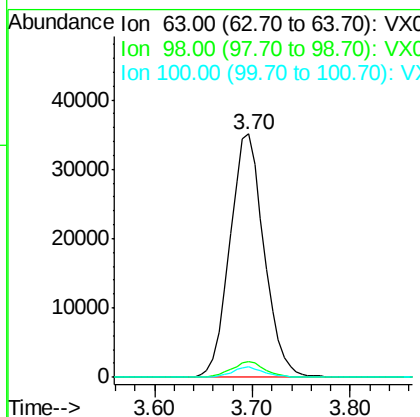
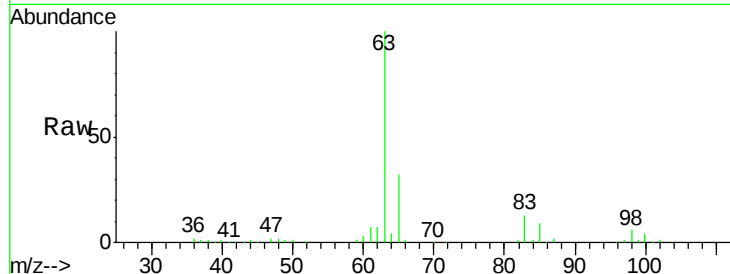
#21
 1,1-Dichloroethane
 Concen: 17.973 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:	63	Resp:	85140
Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.8	11.4
100	4.1	2.4	7.1

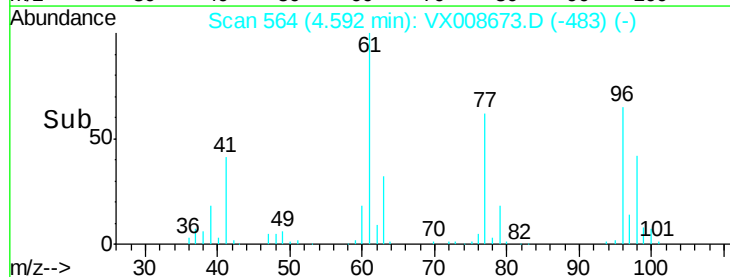
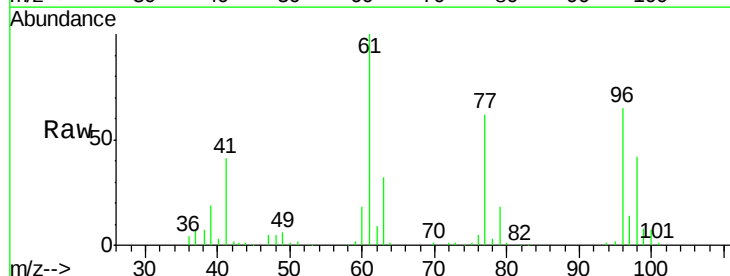
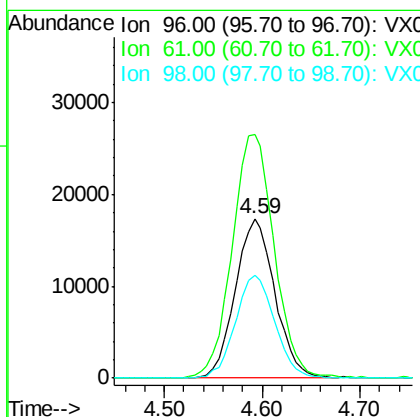
Manual Integrations
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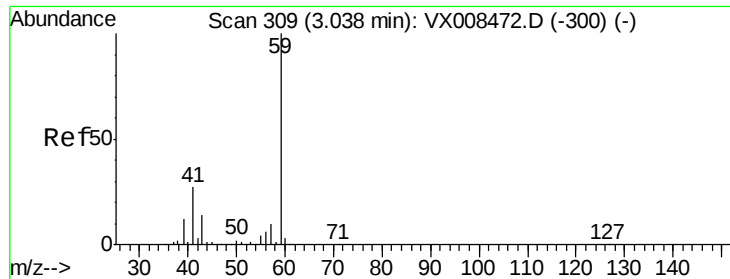
MMDadoda
 4/8/2019 9:49:19 AM



#22
 cis-1,2-Dichloroethene
 Concen: 18.262 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion:	96	Resp:	48642
Ion	Ratio	Lower	Upper
96	100		
61	162.1	103.5	155.3#
98	64.3	52.1	78.1





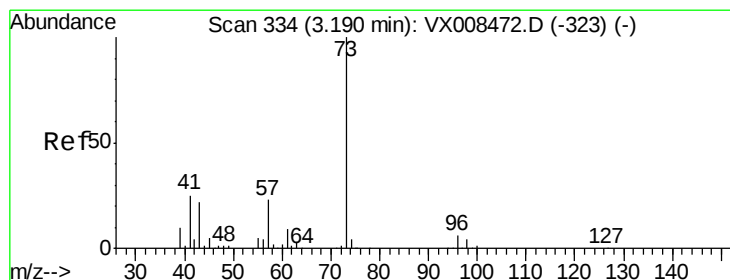
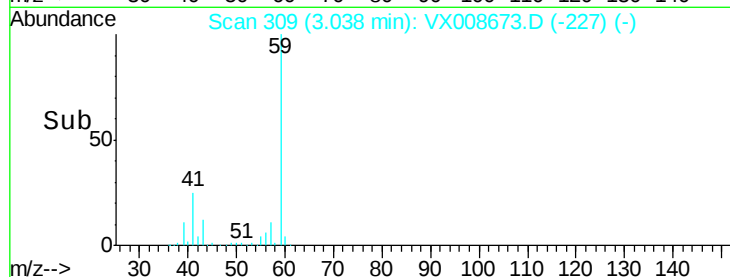
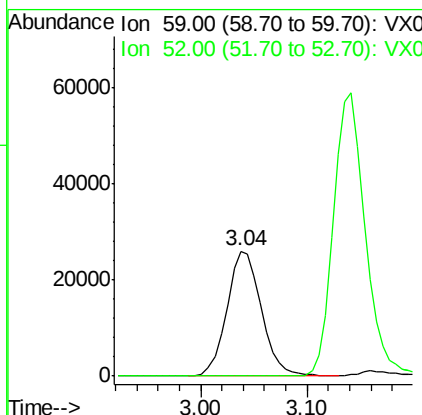
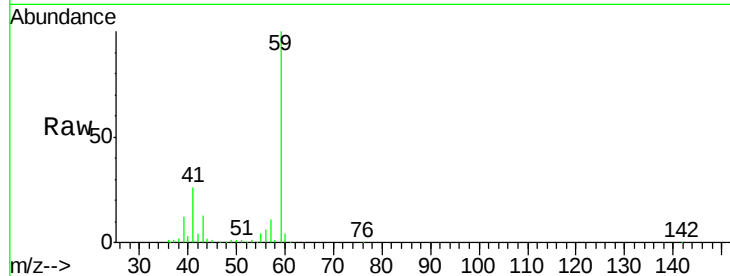
#23
 tert-Butyl Alcohol
 Concen: 90.390 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 59 Resp: 59006
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.2 0.2#

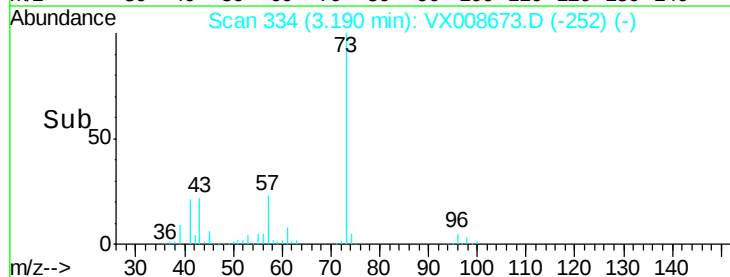
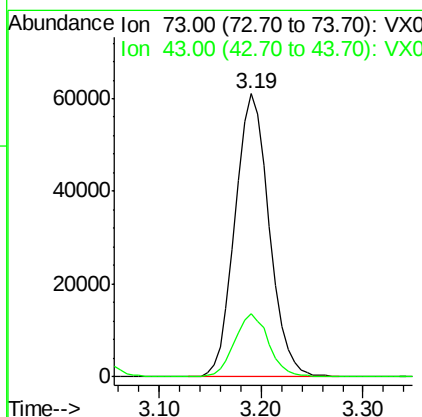
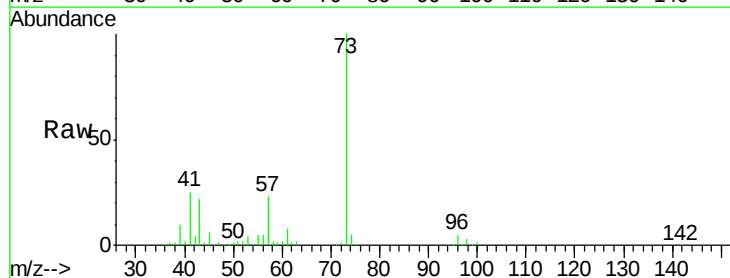
Manual Integrations
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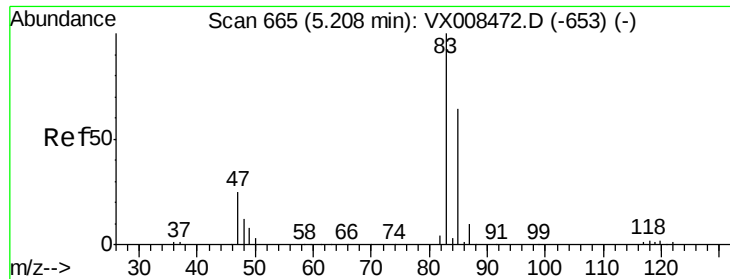
MMDadoda
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#24
 Methyl tert-Butyl Ether
 Concen: 17.953 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 73 Resp: 142347
 Ion Ratio Lower Upper
 73 100
 43 21.9 17.1 25.7





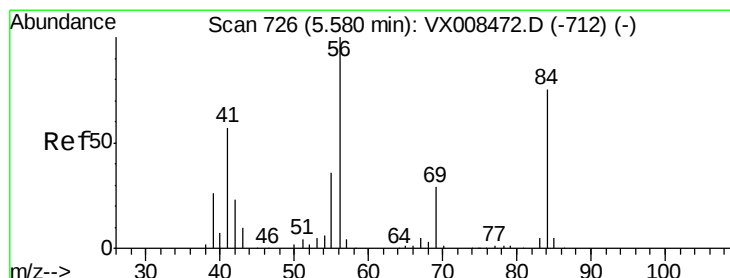
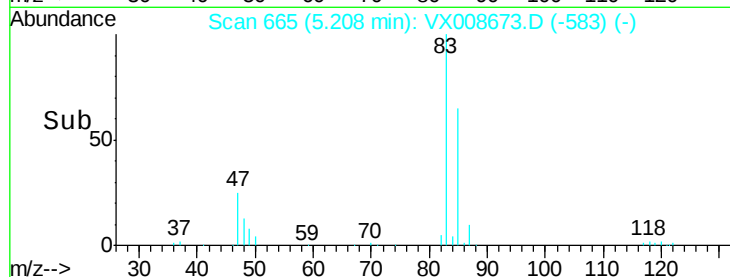
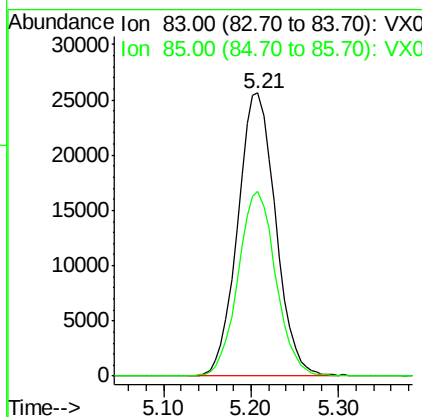
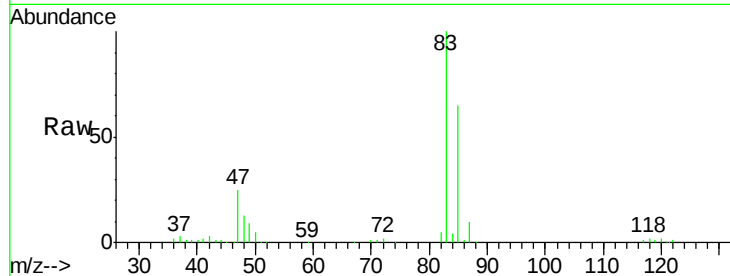
#25
Chloroform
Concen: 18.037 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 77392
Ion Ratio Lower Upper
83 100
85 65.2 53.8 80.6

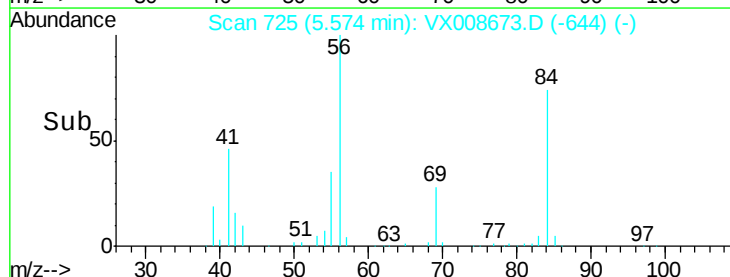
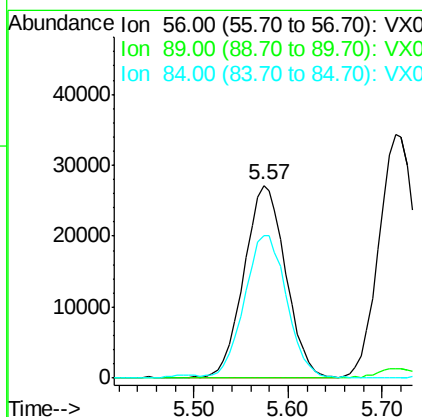
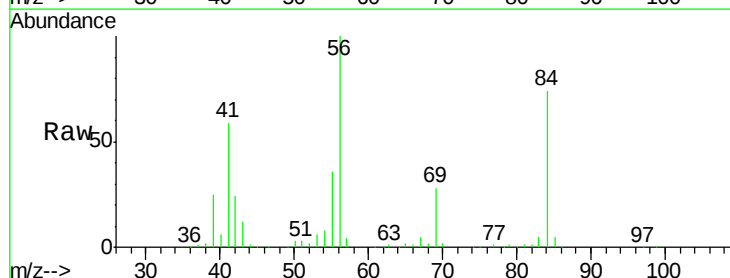
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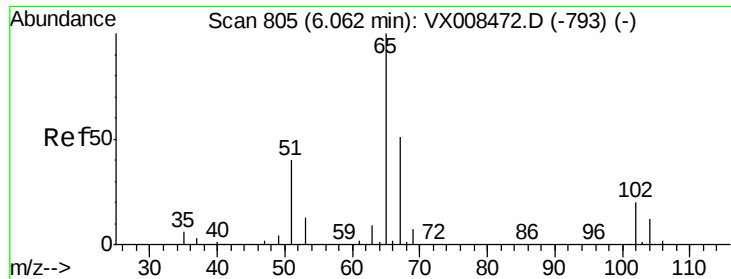
MMDadoda
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#26
Cyclohexane
Concen: 18.292 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion: 56 Resp: 84179
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 75.3 73.9 110.9





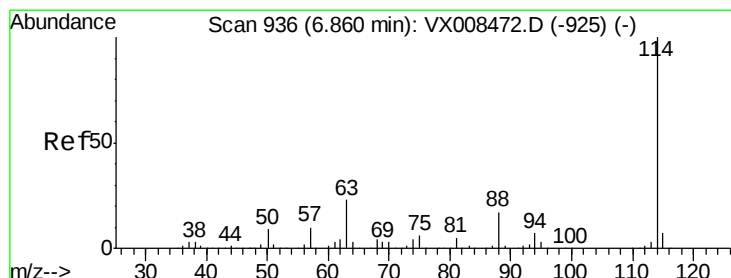
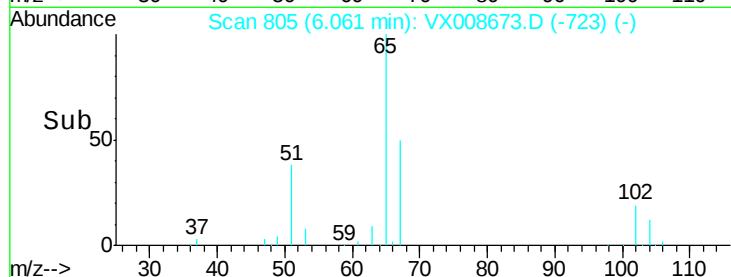
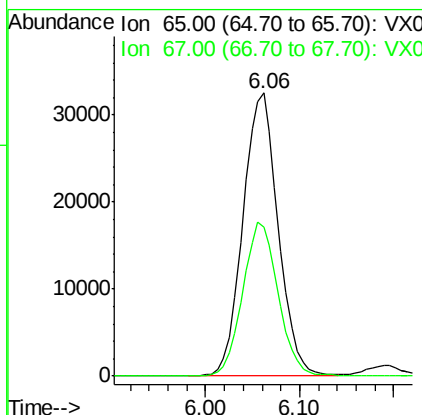
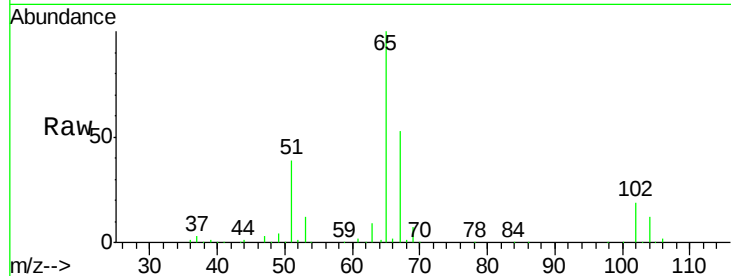
#27
 1,2-Dichloroethane-d4
 Concen: 29.983 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 65 Resp: 85449
 Ion Ratio Lower Upper
 65 100
 67 54.5 42.9 64.3

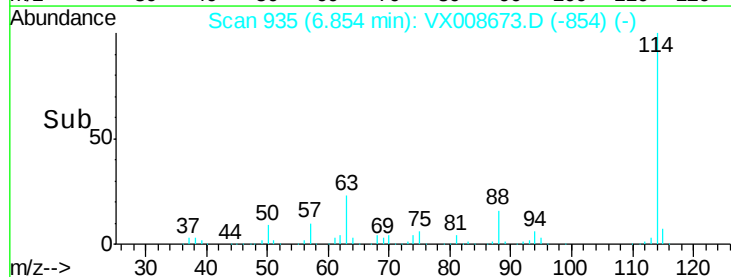
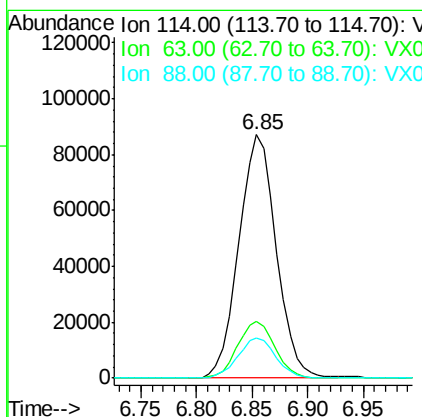
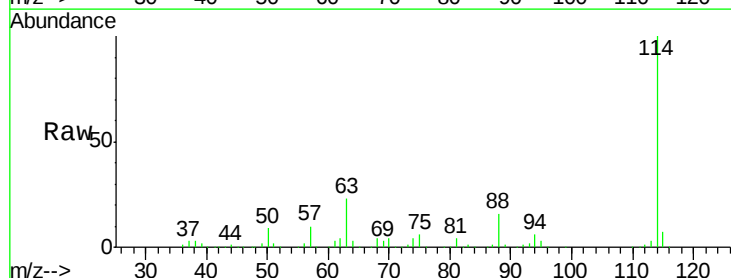
Manual Integrations
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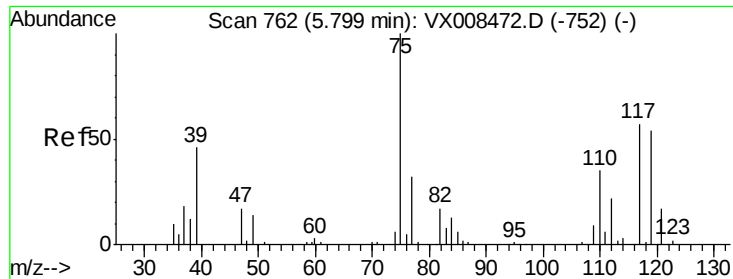
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 114 Resp: 203460
 Ion Ratio Lower Upper
 114 100
 63 23.5 14.2 21.4#
 88 16.6 11.9 17.9





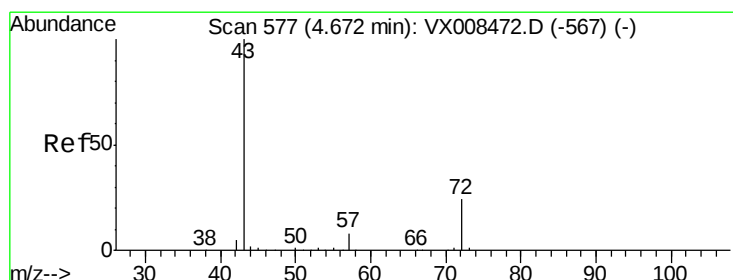
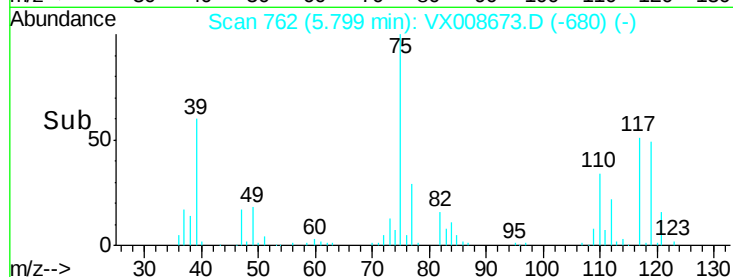
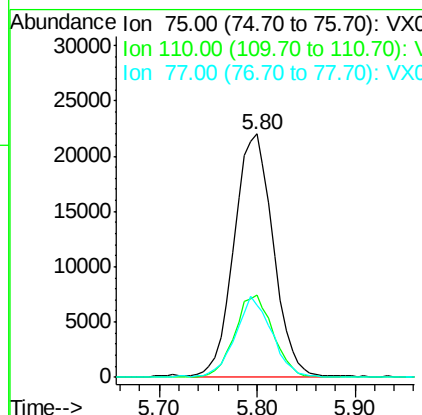
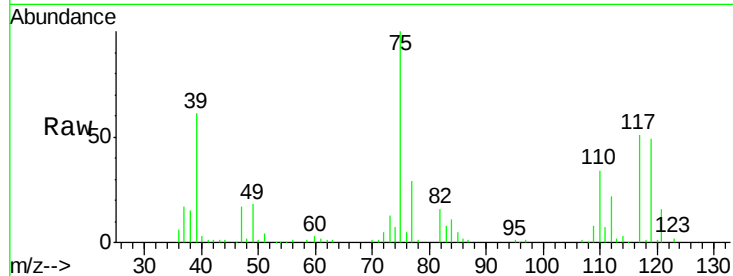
#29
 1,1-Dichloropropene
 Concen: 17.843 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	0.0	80.8
77	31.0	0.0	62.4

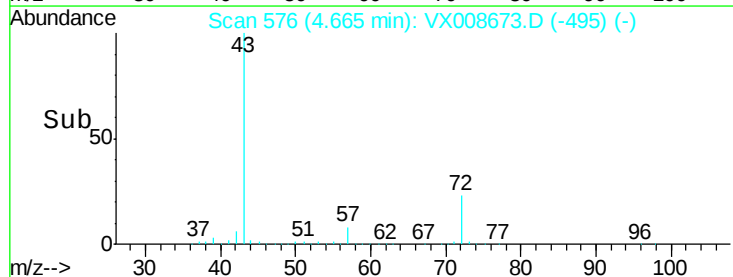
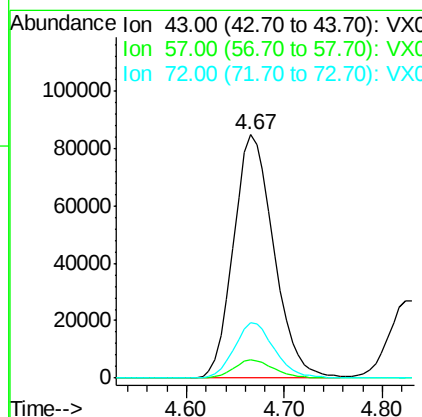
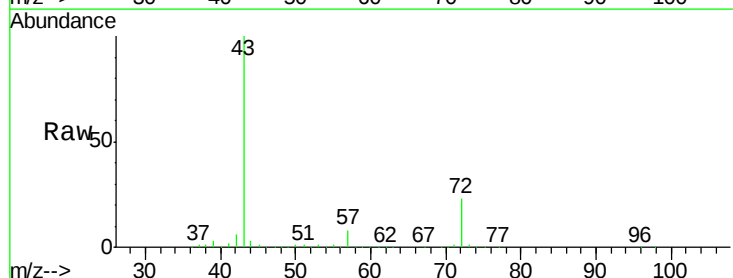
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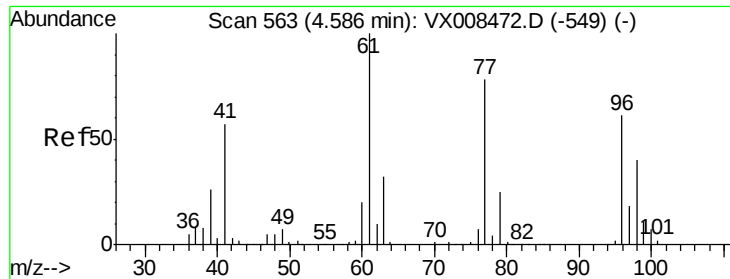
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#30
 2-Butanone
 Concen: 95.527 ug/l
 RT: 4.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.5	7.0	10.6
72	22.8	21.5	32.3





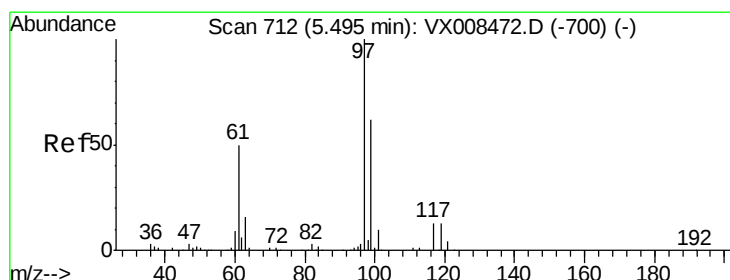
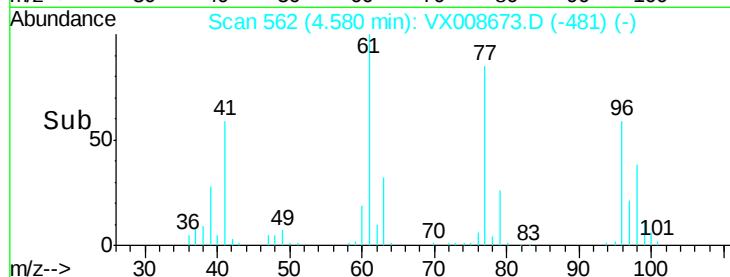
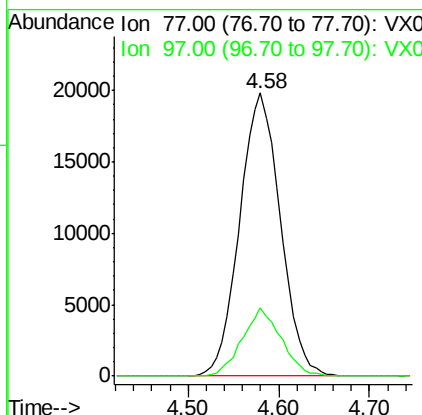
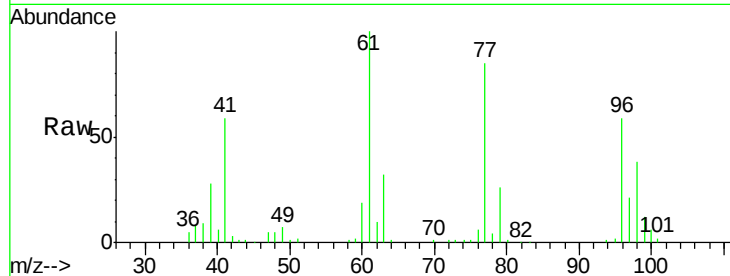
#31
 2,2-Dichloropropane
 Concen: 18.057 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tgt Ion: 77 Resp: 61731
 Ion Ratio Lower Upper
 77 100
 97 23.0 20.6 31.0

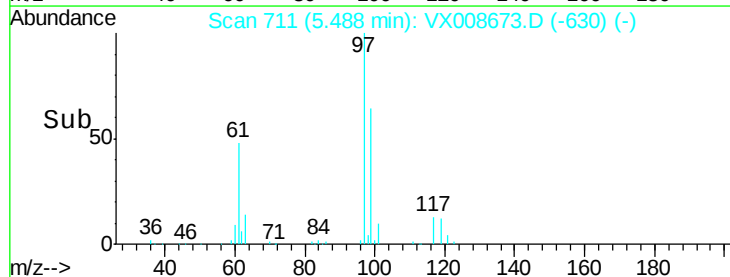
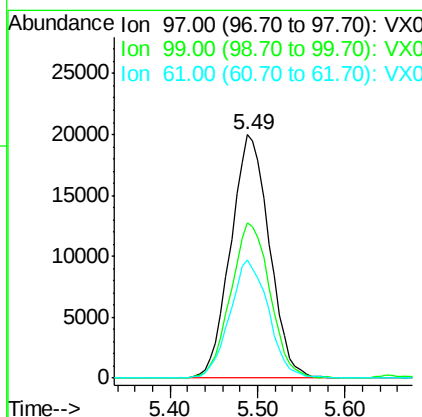
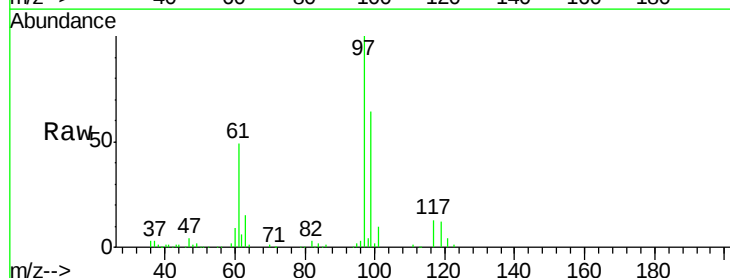
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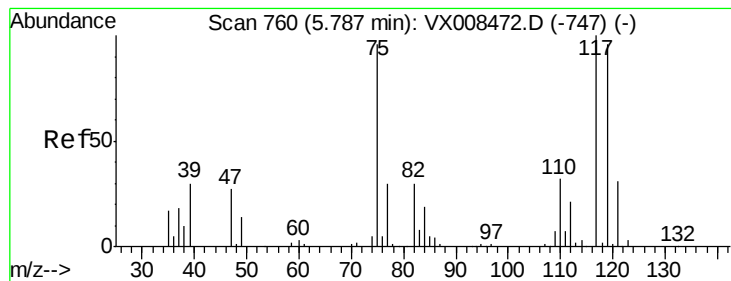
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#32
 1,1,1-Trichloroethane
 Concen: 17.276 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 97 Resp: 61408
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.7 77.5
 61 48.8 32.8 49.2





#33

Carbon Tetrachloride

Concen: 17.331 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008673.D

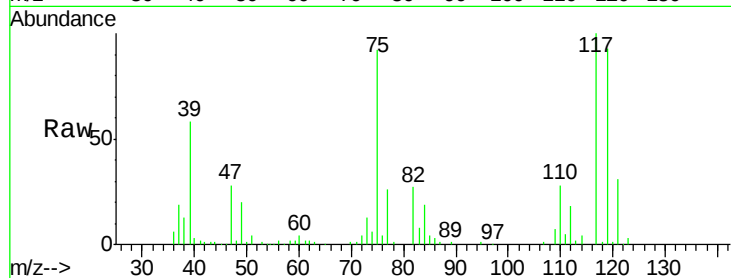
Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

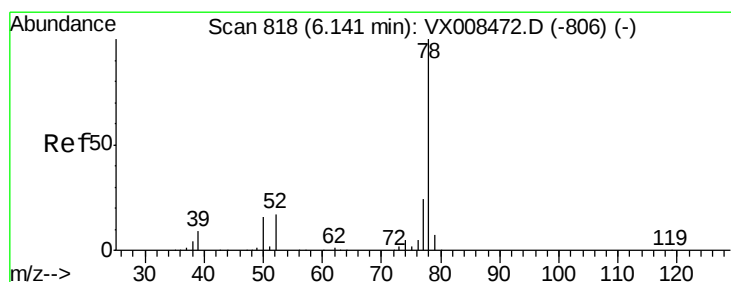
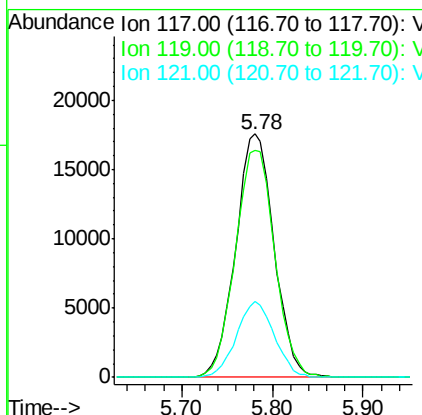
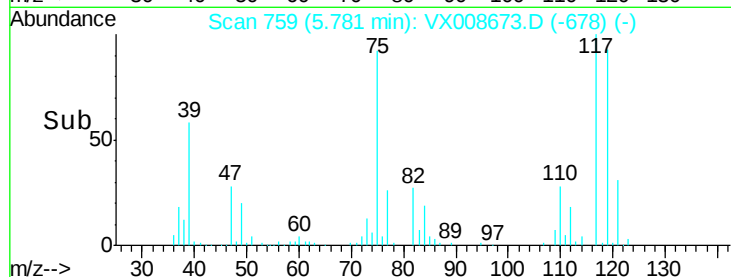
VSTDCCC020



Tgt Ion:	117	Resp:	51541
Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.1	117.1
121	31.0	27.0	40.6

Manual Integrations
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#34

Benzene

Concen: 17.624 ug/l

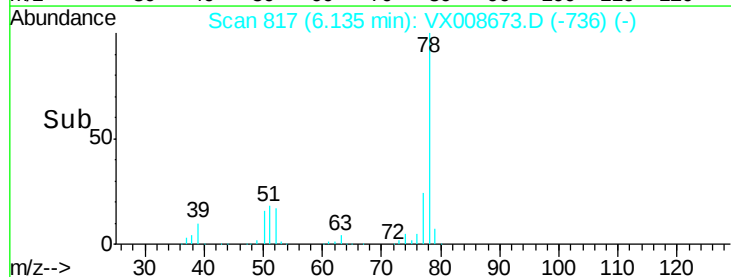
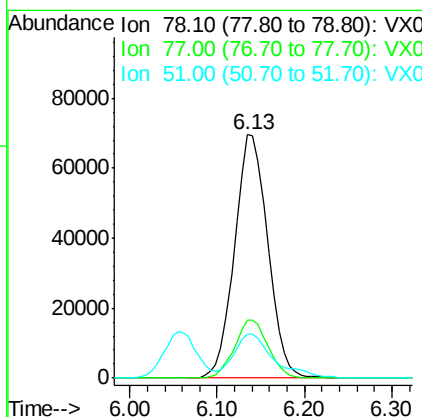
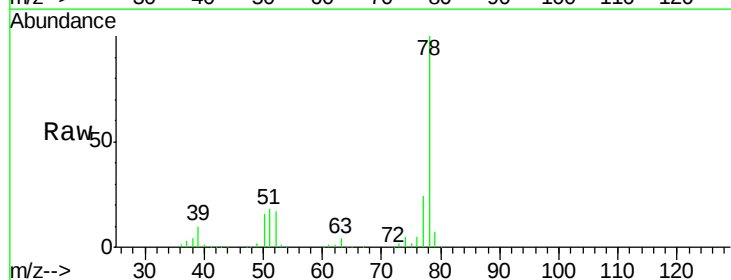
RT: 6.13 min Scan# 817

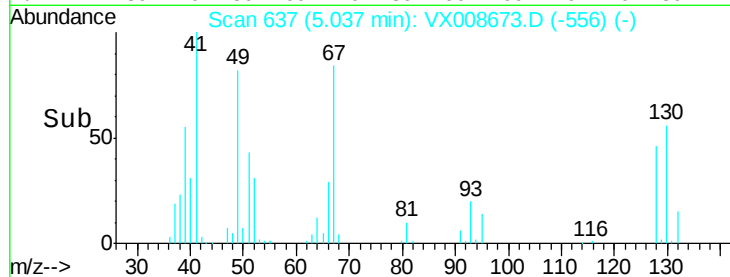
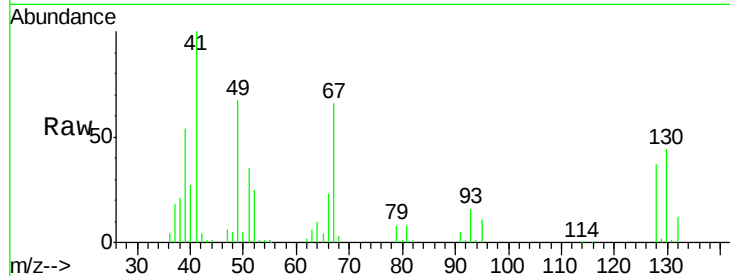
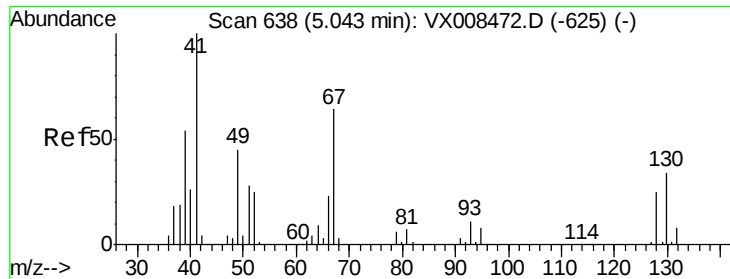
Delta R.T. -0.01 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

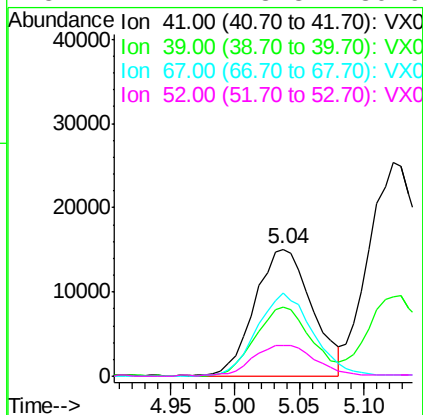
Tgt Ion:	78	Resp:	184403
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7
51	17.5	10.8	16.2#





#35
Methacrylonitrile
Concen: 18.074 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

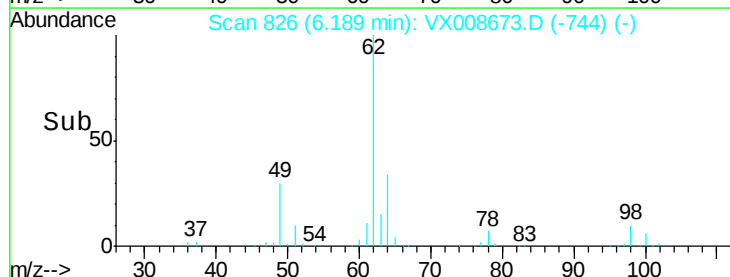
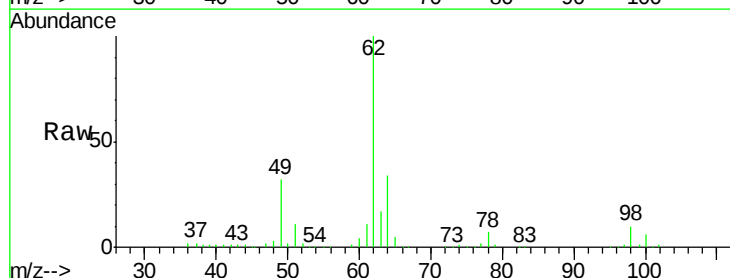
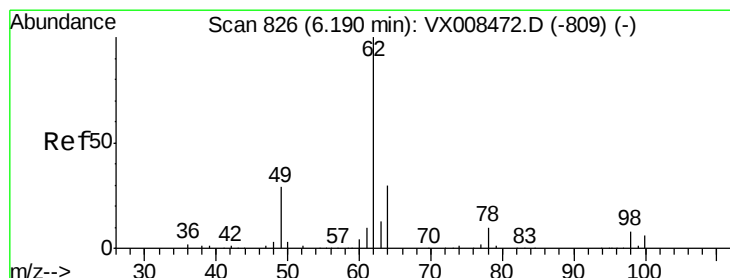
Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.9	27.4	82.0
67	66.0	37.9	113.6
52	24.2	13.3	39.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

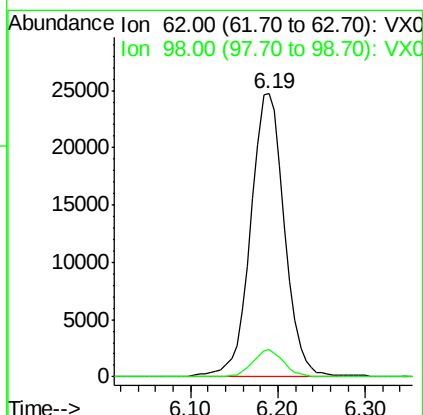
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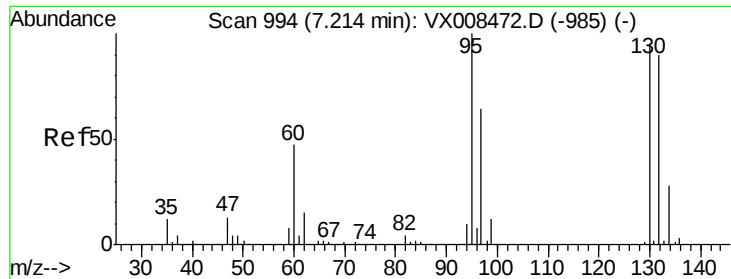
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#36
1,2-Dichloroethane
Concen: 17.847 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.8	11.8





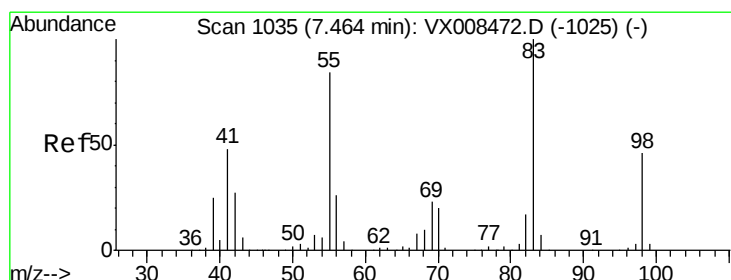
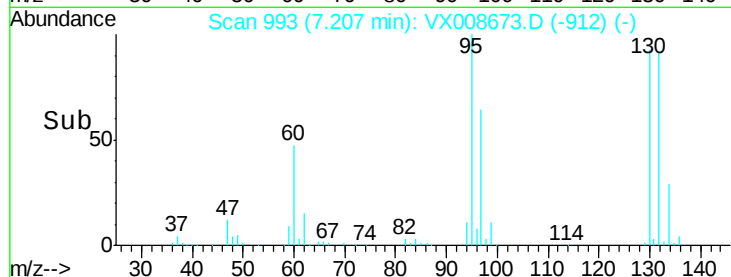
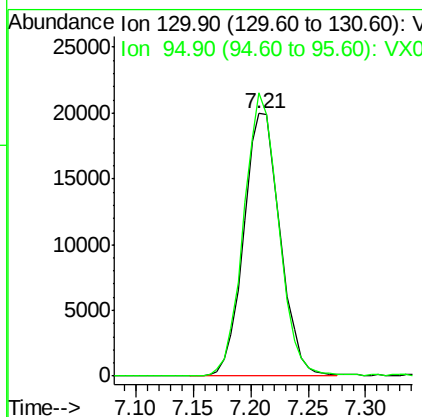
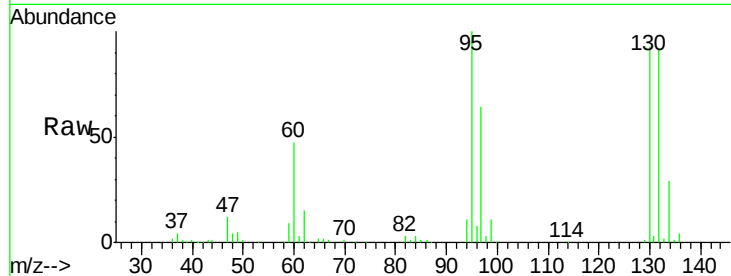
#37
 Trichloroethene
 Concen: 18.216 ug/l m
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:130 Resp: 43831
 Ion Ratio Lower Upper
 130 100
 95 107.8 71.3 106.9#

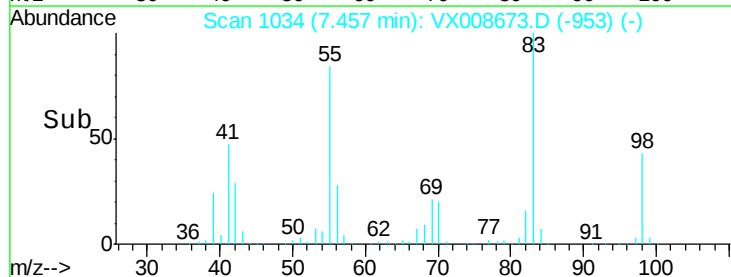
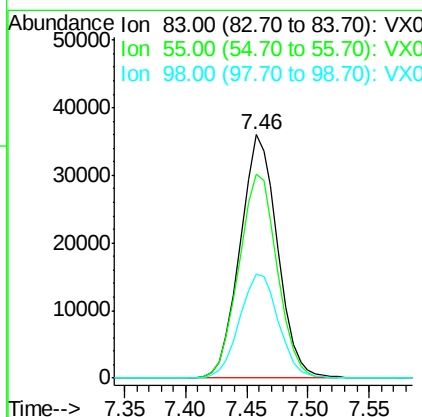
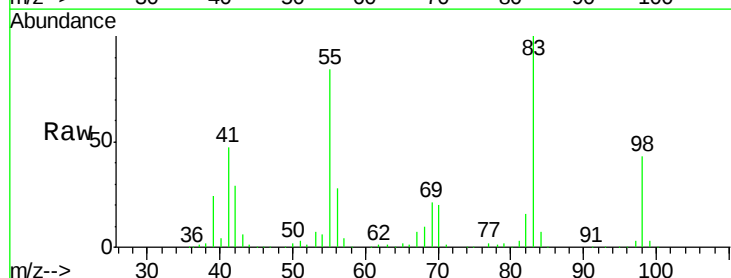
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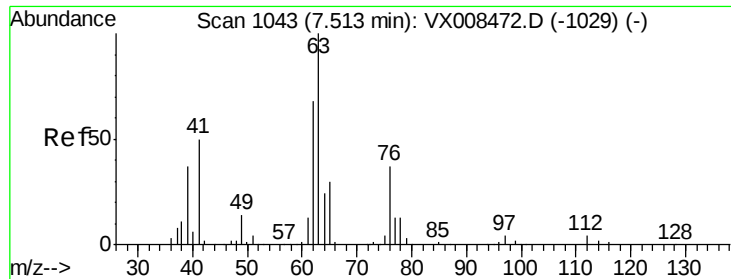
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#38
 Methylcyclohexane
 Concen: 17.766 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 83 Resp: 76626
 Ion Ratio Lower Upper
 83 100
 55 85.9 36.0 108.0
 98 44.6 23.8 71.4





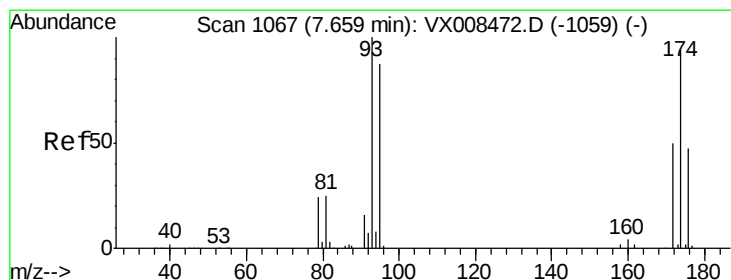
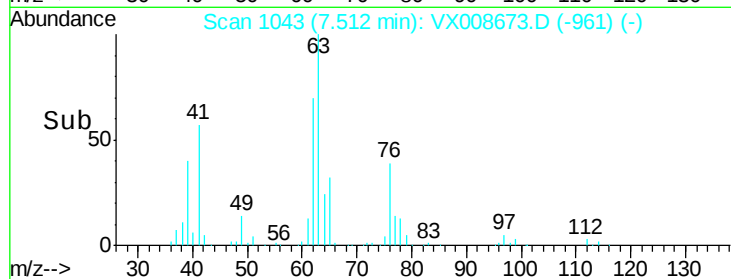
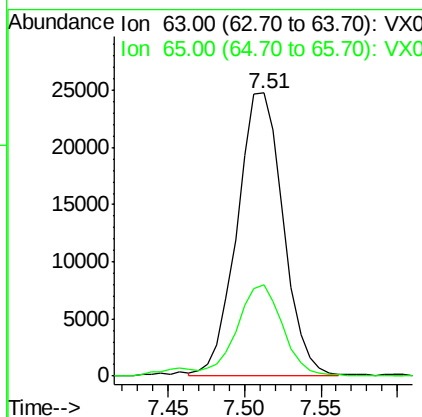
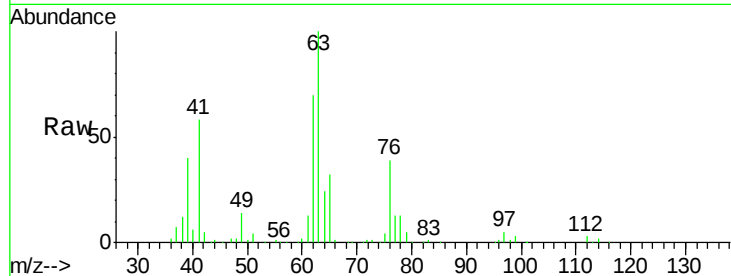
#39
 1,2-Dichloropropane
 Concen: 17.535 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 63 Resp: 52039
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.6 37.0

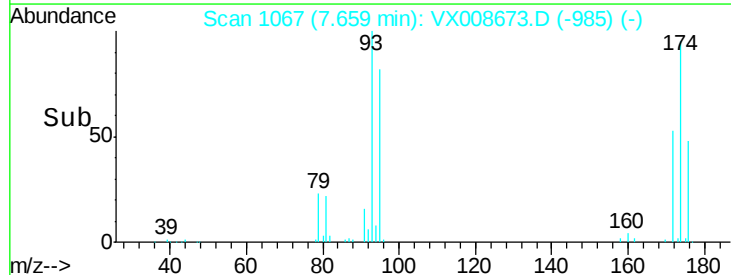
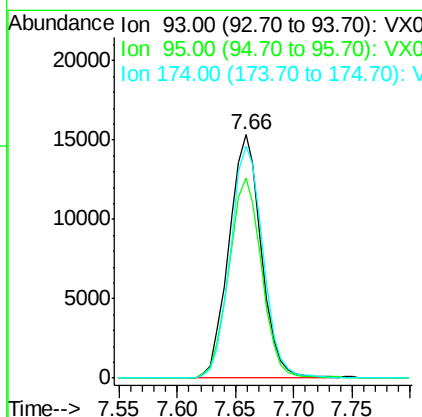
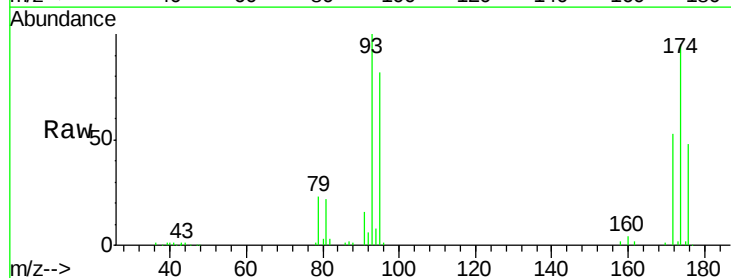
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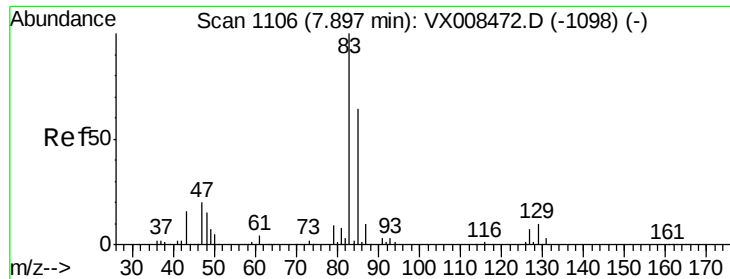
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#40
 Dibromomethane
 Concen: 17.262 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion: 93 Resp: 29676
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 158.8
 174 96.3 0.0 224.2





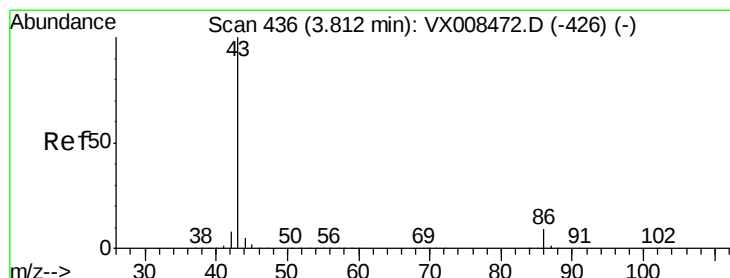
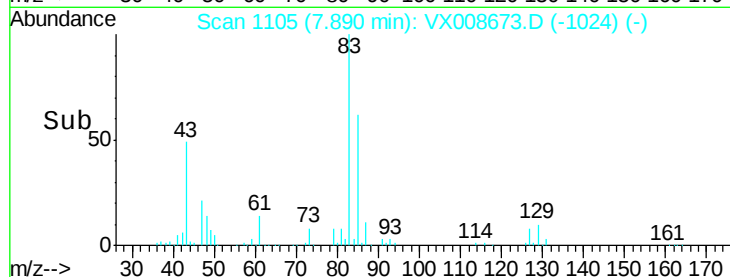
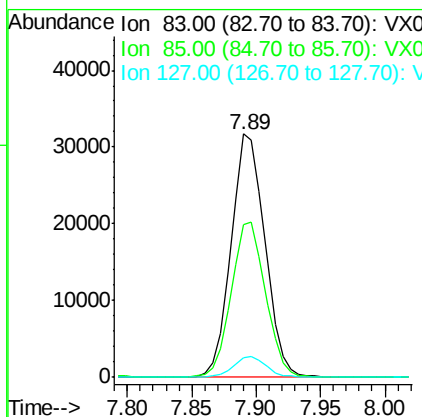
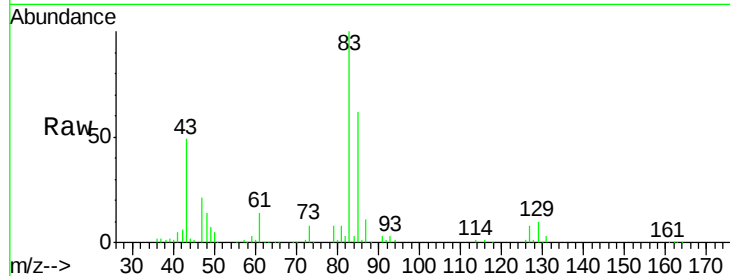
#41
 Bromodichloromethane
 Concen: 17.120 ug/l
 RT: 7.89 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.1	76.7
127	8.0	7.2	10.8

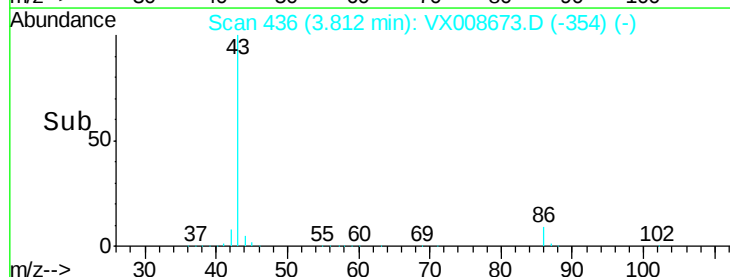
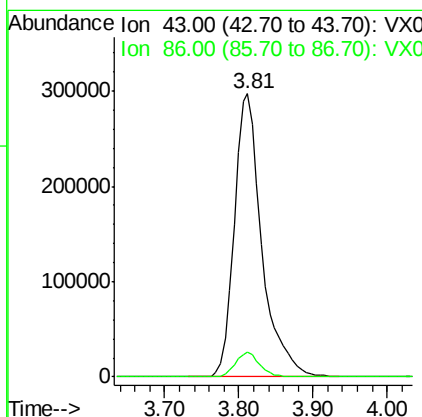
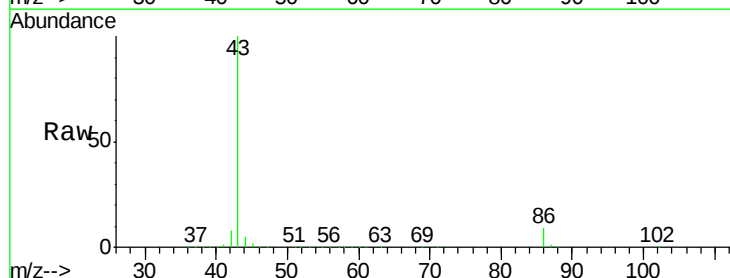
Manual Integrations
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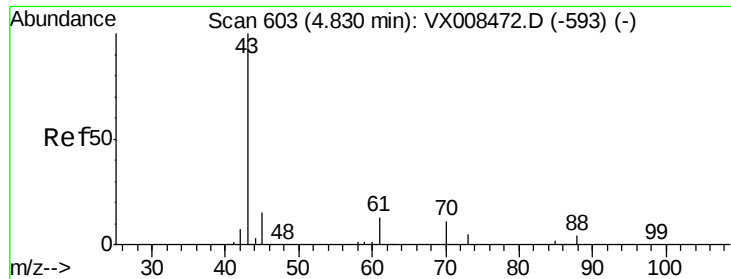
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#42
 Vinyl Acetate
 Concen: 90.207 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
43	100		
86	7.7	8.2	12.2#





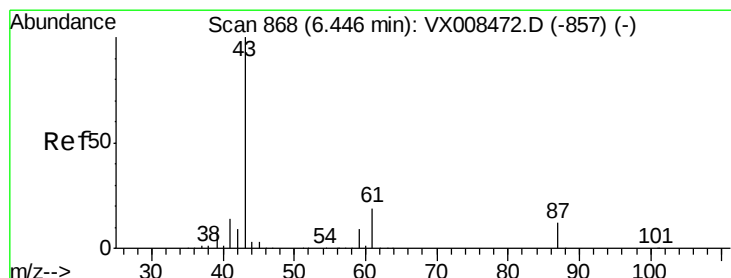
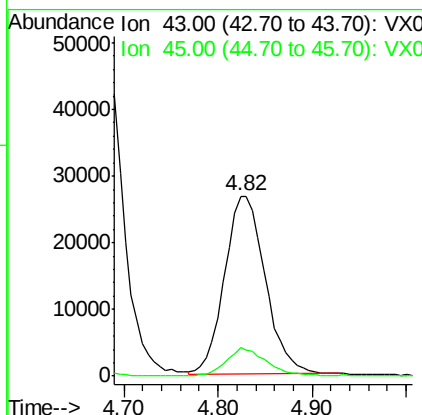
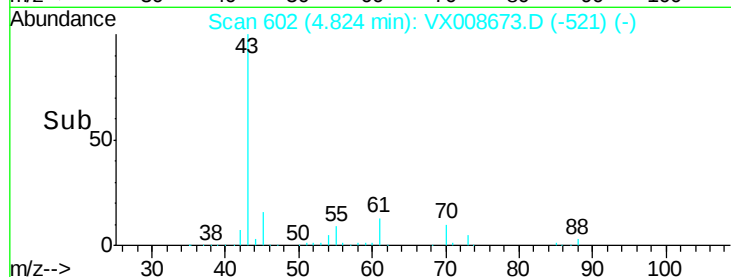
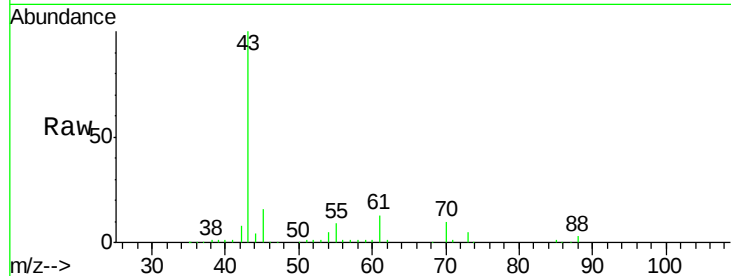
#43
Ethyl Acetate
Concen: 17.751 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 80415
Ion Ratio Lower Upper
43 100
45 15.1 6.9 10.3#

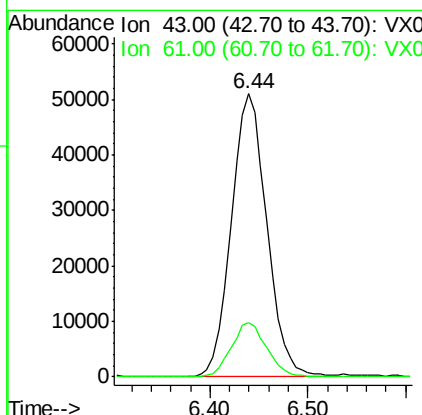
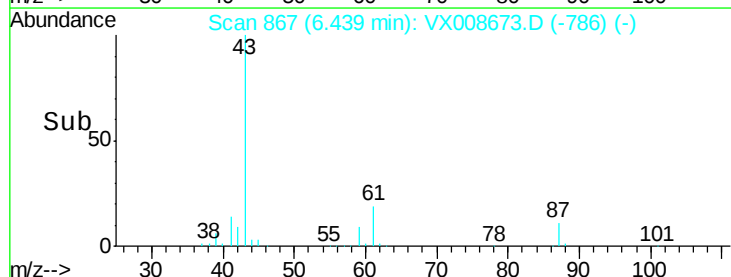
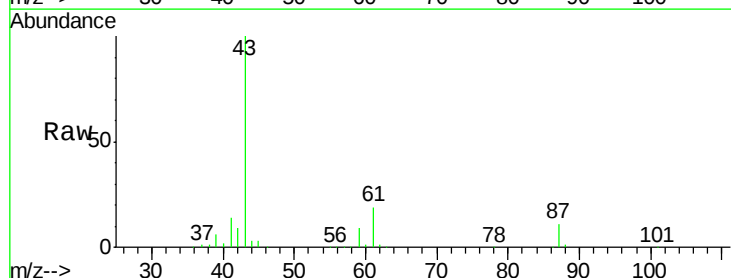
Manual Integrations
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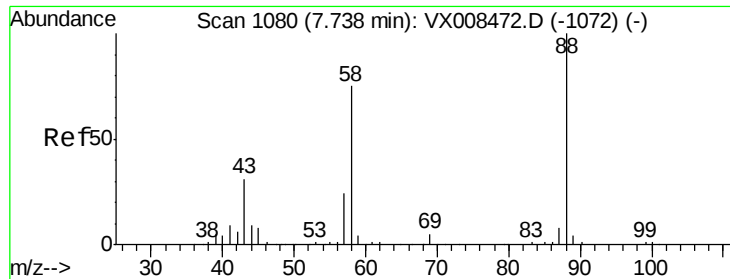
MMDadoda
4/8/2019 9:49:19 AM



#44
Isopropyl Acetate
Concen: 17.414 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion: 43 Resp: 127564
Ion Ratio Lower Upper
43 100
61 19.3 16.1 24.1





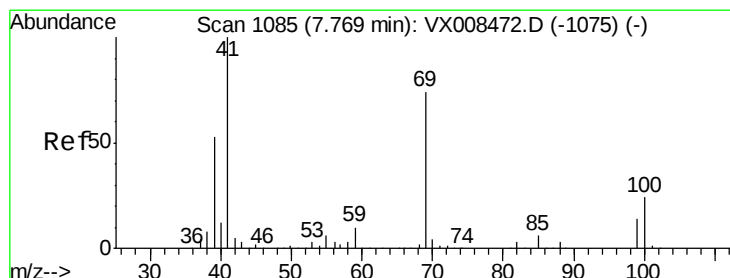
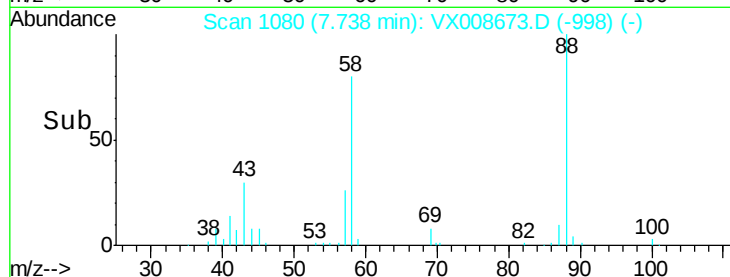
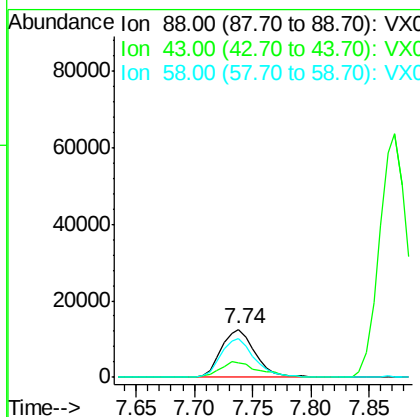
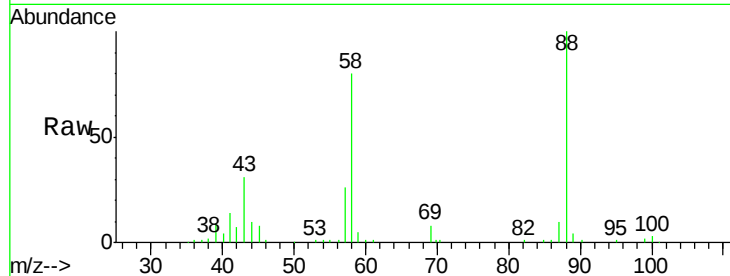
#45
 1,4-Dioxane
 Concen: 347.653 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.6	23.6	35.4#
58	80.7	51.6	77.4#

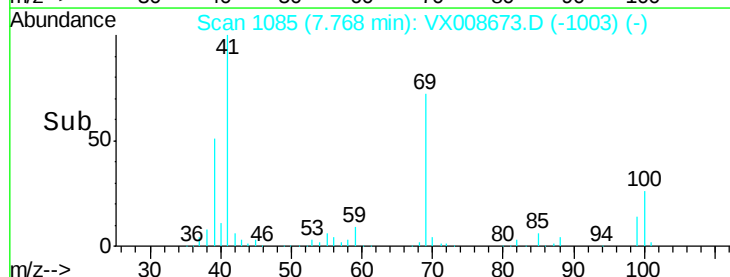
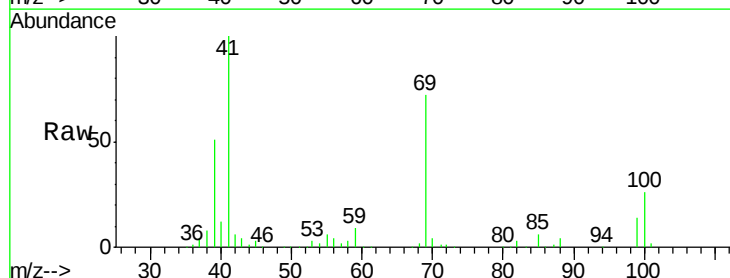
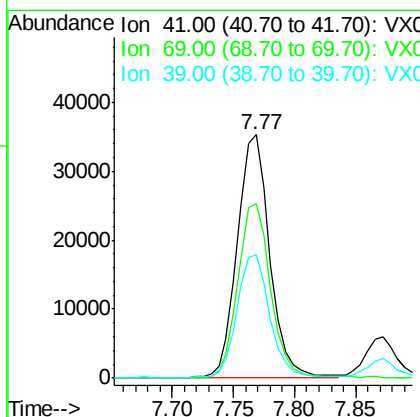
Manual Integrations
 APPROVED

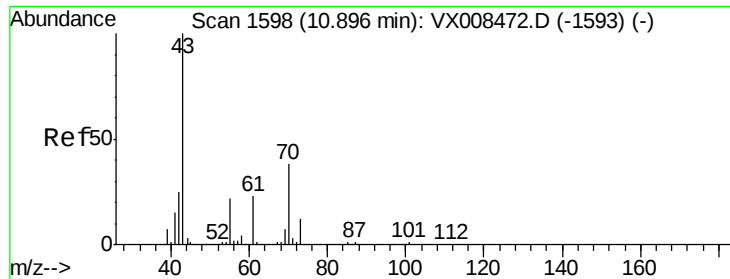
MMDadoda
 4/8/2019 9:49:19 AM



#46
 Methyl methacrylate
 Concen: 17.429 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
41	100		
69	71.8	44.2	132.6
39	50.5	29.9	89.8





#47

n-amy1 Acetate

Concen: 17.146 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 114093

Ion Ratio Lower Upper

43 100

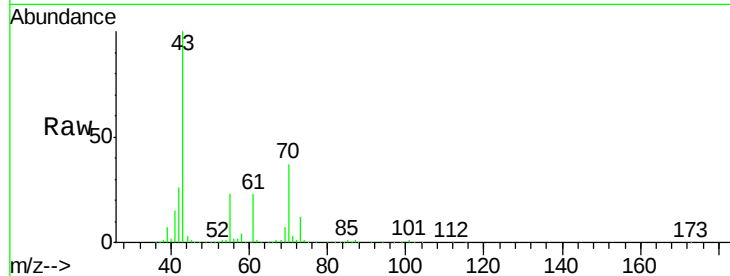
55 22.7 20.8 31.2

Manual Integrations

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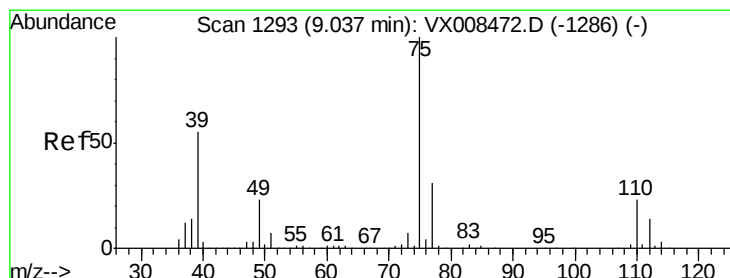
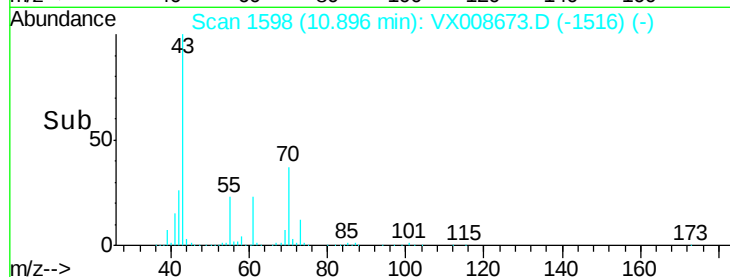
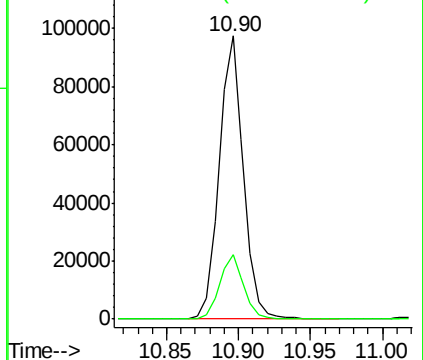
MMDadoda

4/8/2019 9:49:19 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.122 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX008673.D

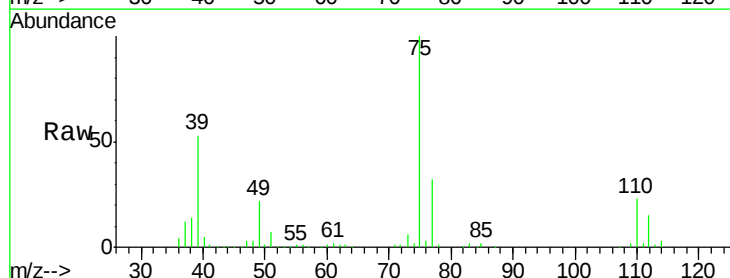
Acq: 05 Apr 2019 10:11

Tgt Ion: 75 Resp: 65374

Ion Ratio Lower Upper

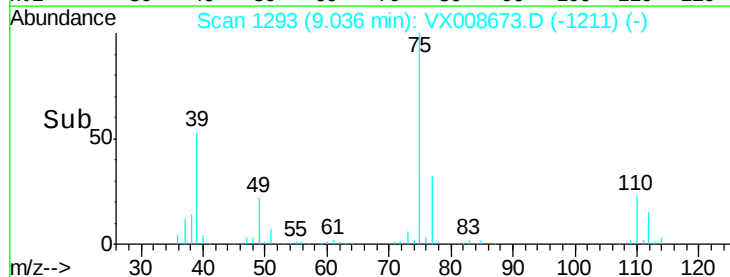
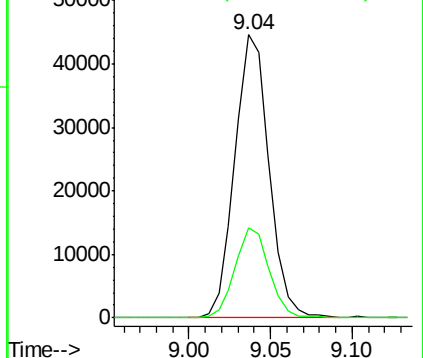
75 100

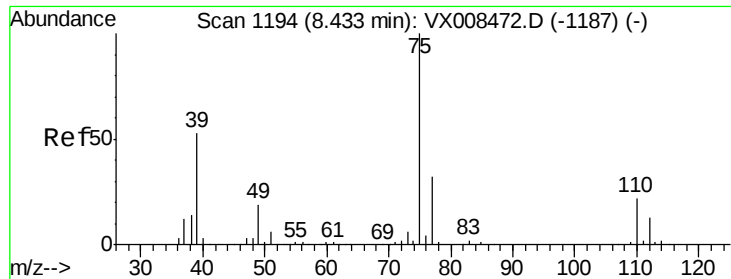
77 31.7 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





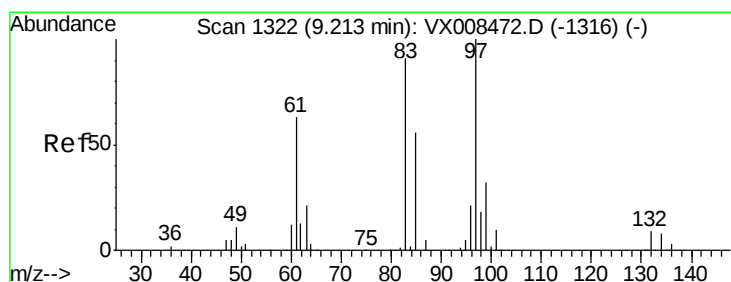
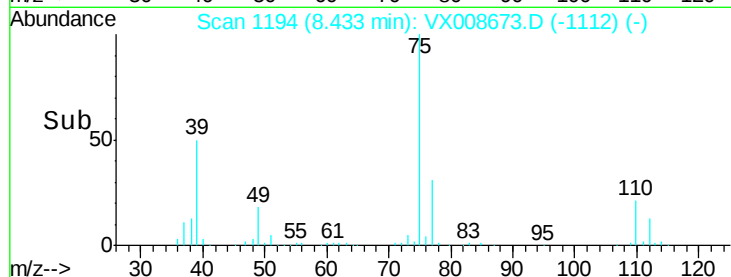
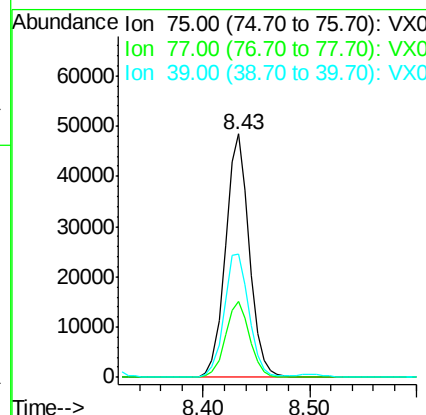
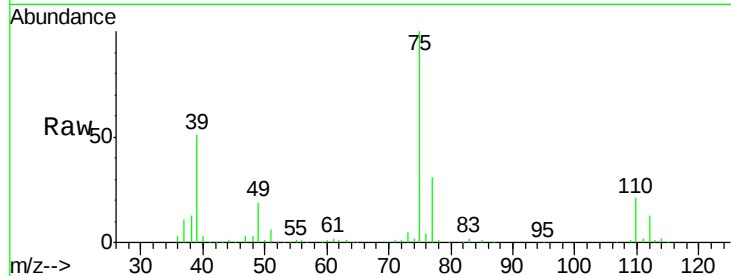
#49
 cis-1,3-Dichloropropene
 Concen: 17.659 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4
39	50.5	38.5	57.7

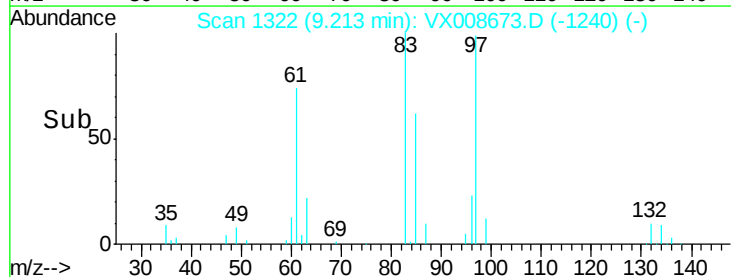
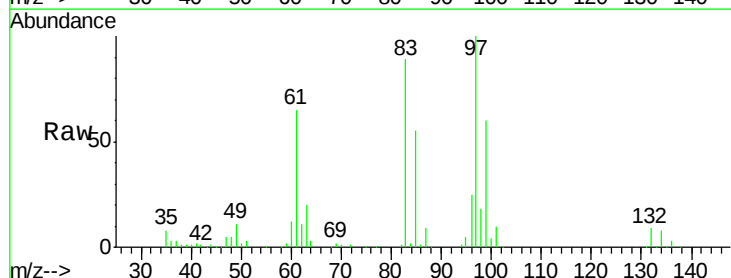
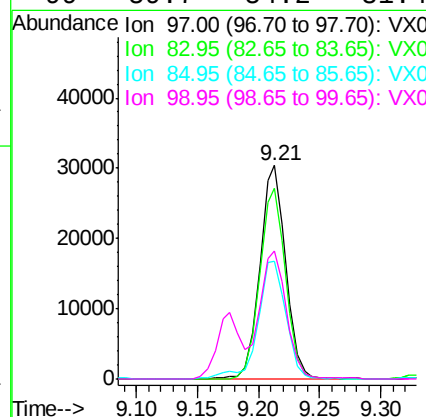
Manual Integrations
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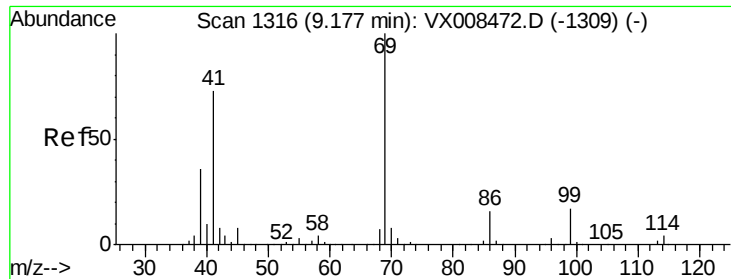
MMDadoda
 4/8/2019 9:49:19 AM



#50
 1,1,2-Trichloroethane
 Concen: 17.592 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	72.0	108.0
85	55.4	45.0	67.6
99	59.7	54.2	81.4





#51

Ethyl methacrylate

Concen: 16.959 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

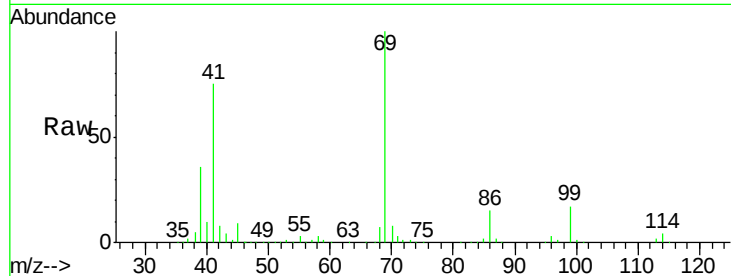
ClientSampleId :

VSTDCCC020

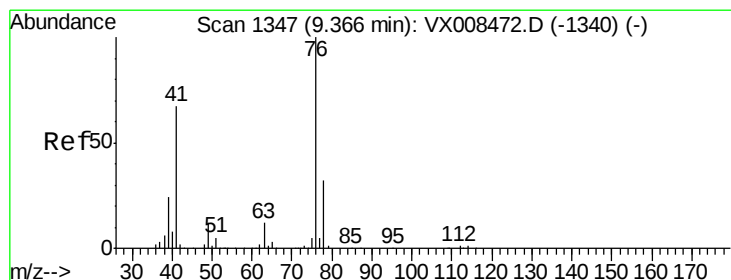
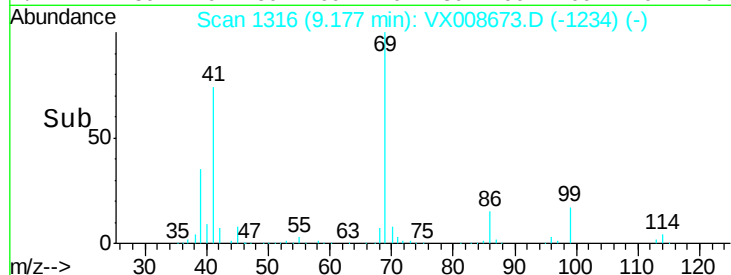
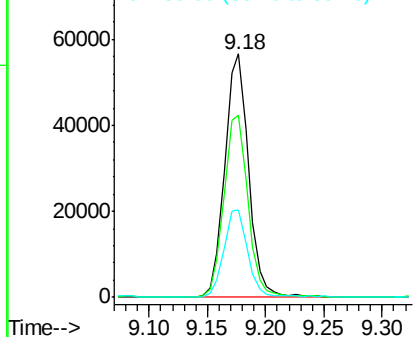
Tgt Ion:	69	Resp:	80559
Ion	Ratio	Lower	Upper
69	100		
41	74.7	32.1	96.5
39	35.6	18.8	56.3

Manual Integrations
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Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 17.433 ug/l

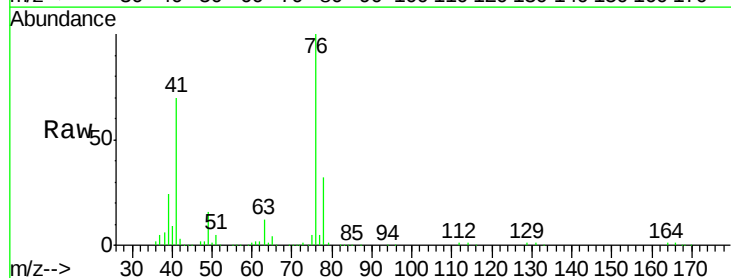
RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

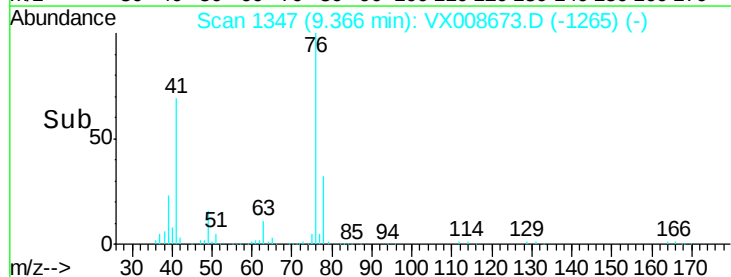
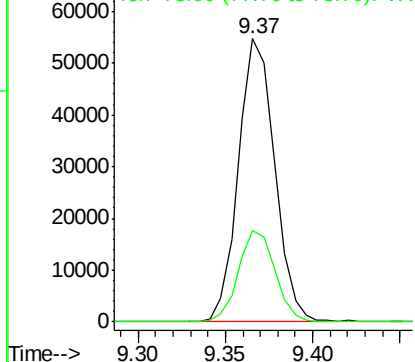
Lab File: VX008673.D

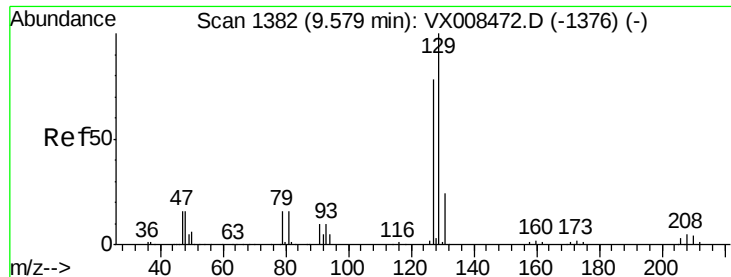
Acq: 05 Apr 2019 10:11

Tgt Ion:	76	Resp:	79168
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.014 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:129 Resp: 42738

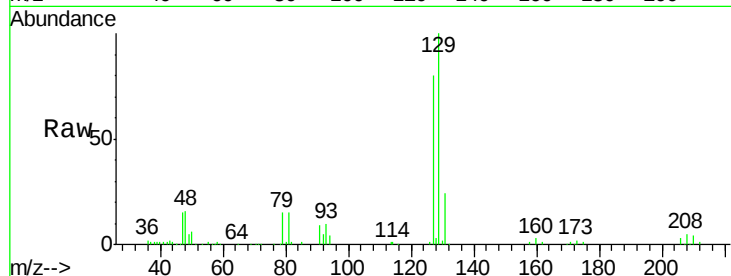
Ion Ratio Lower Upper

129 100

127 77.0 38.4 115.2

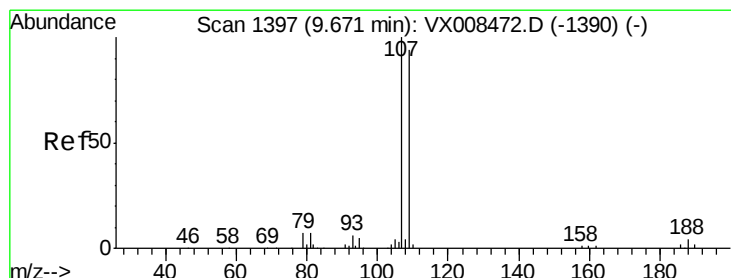
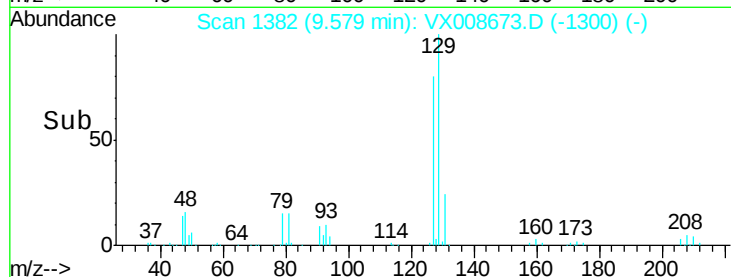
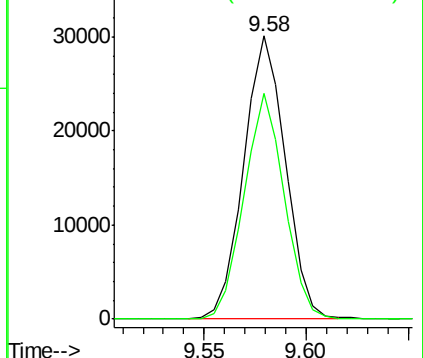
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.354 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008673.D

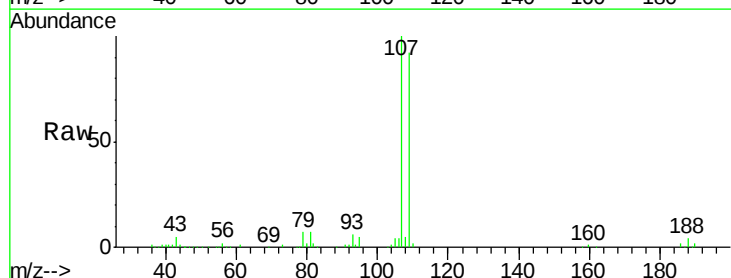
Acq: 05 Apr 2019 10:11

Tgt Ion:107 Resp: 45666

Ion Ratio Lower Upper

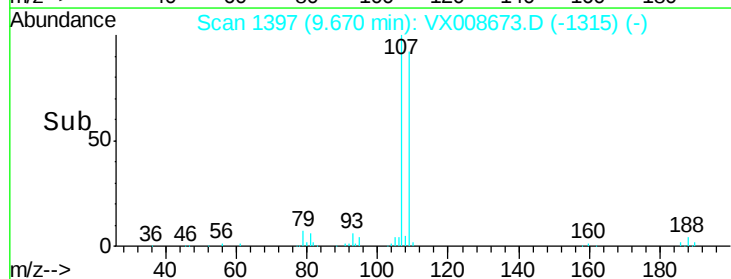
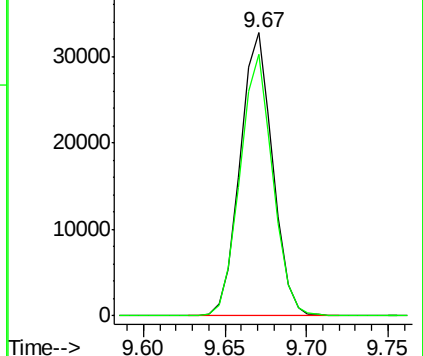
107 100

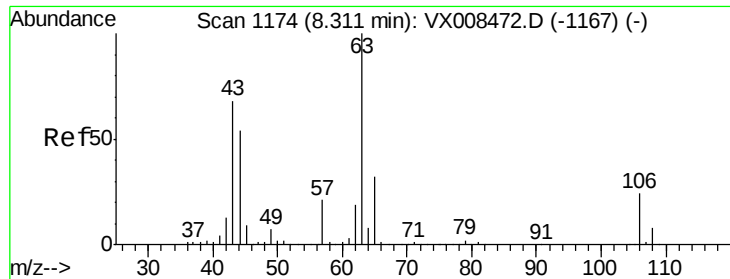
109 92.6 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





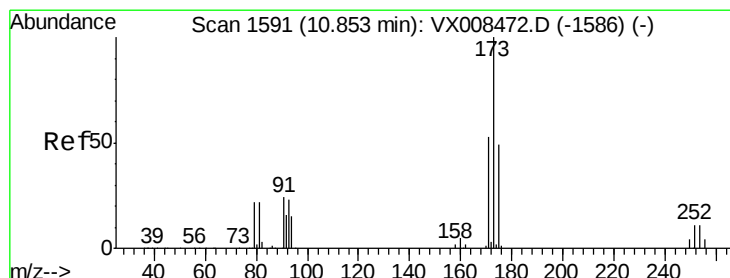
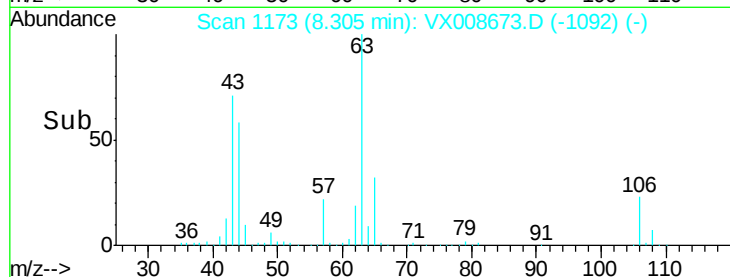
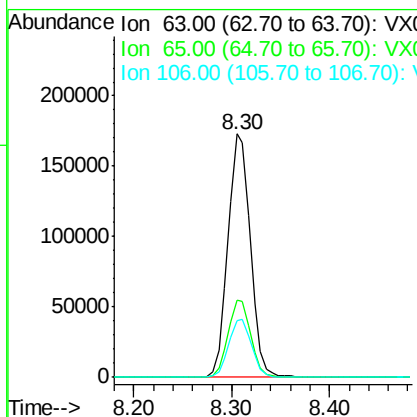
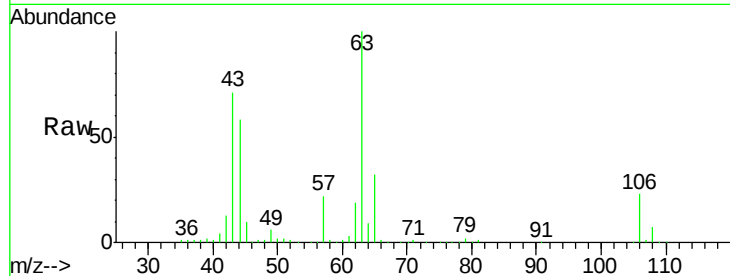
#55
2-Chloroethyl vinyl ether
Concen: 114.951 ug/l
RT: 8.30 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.7	38.5
106	24.1	23.7	35.5

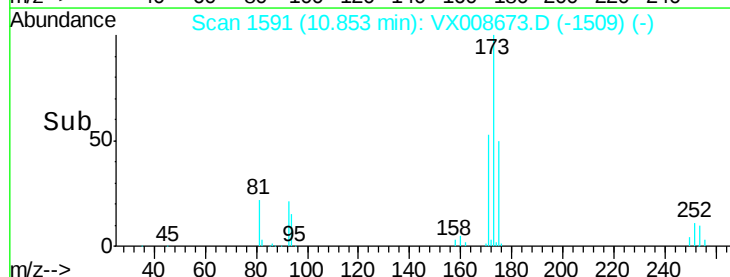
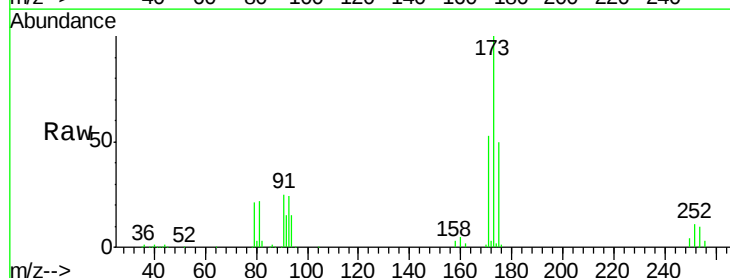
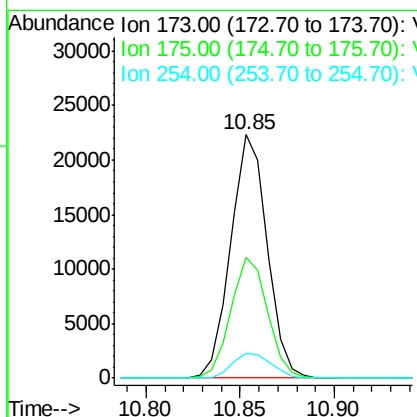
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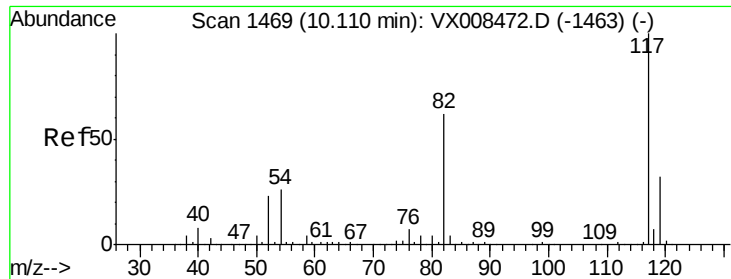
MMDadoda
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#56
Bromoform
Concen: 16.379 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.9	38.5	57.7
254	10.7	7.4	11.2





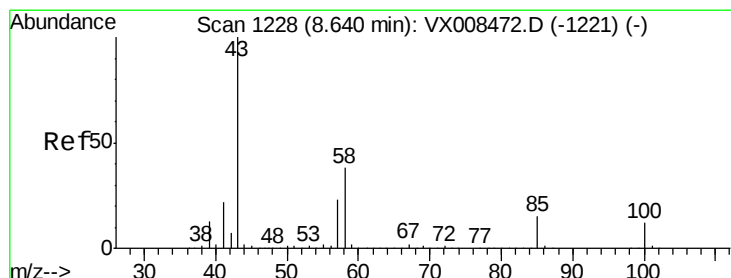
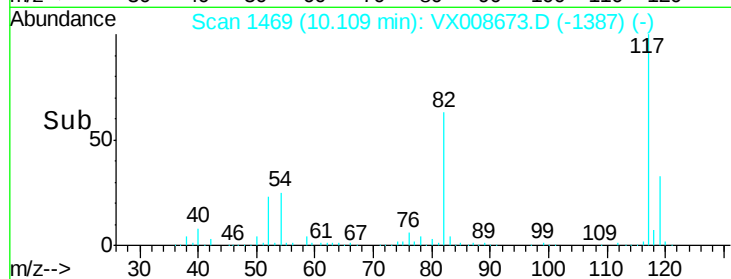
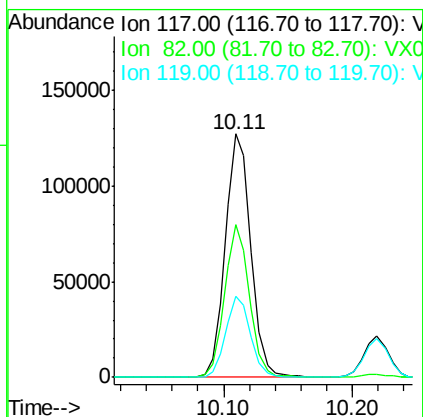
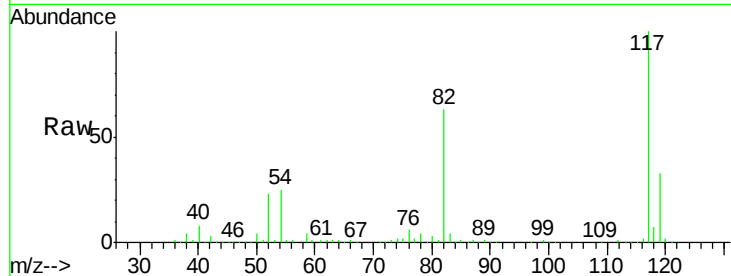
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.7	40.4	60.6#
119	32.3	25.8	38.6

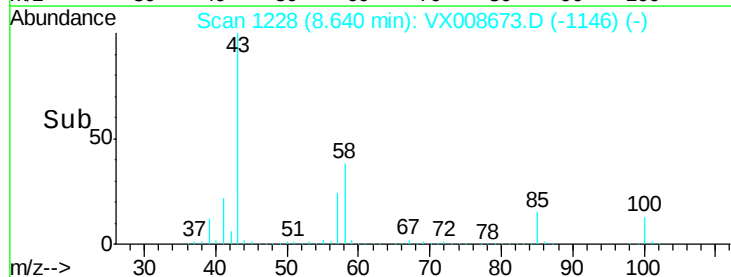
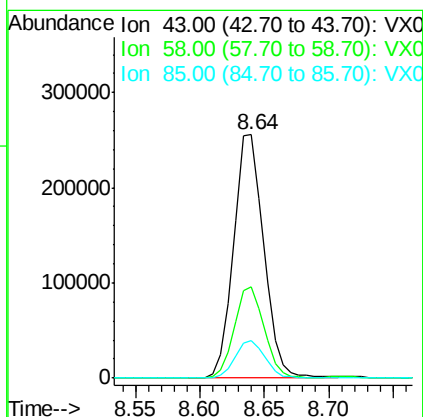
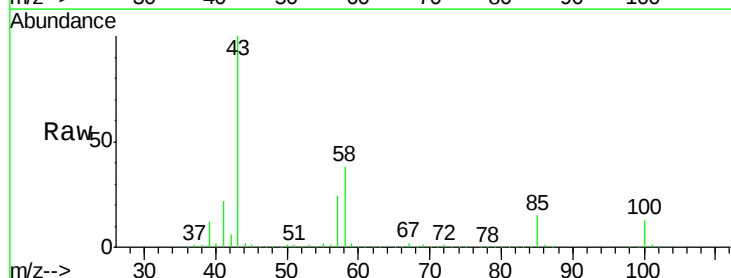
Manual Integrations
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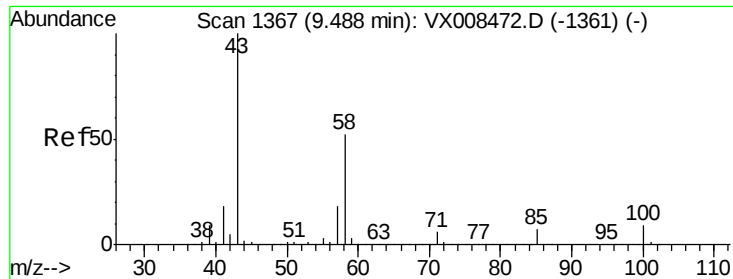
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 89.551 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.9	31.4	47.0
85	15.0	15.0	22.6#





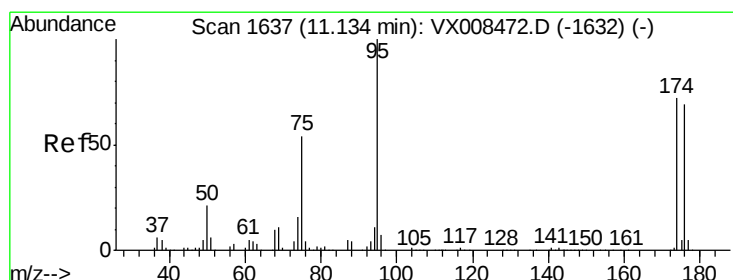
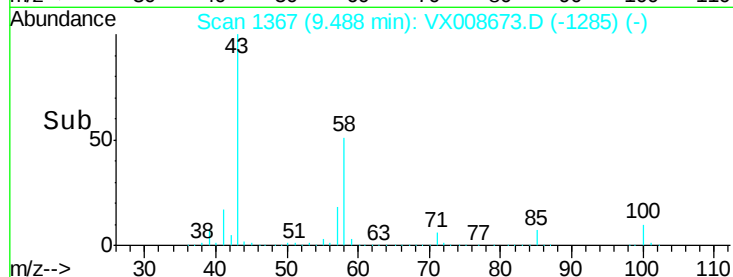
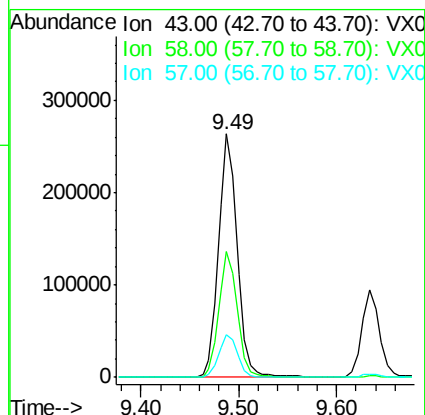
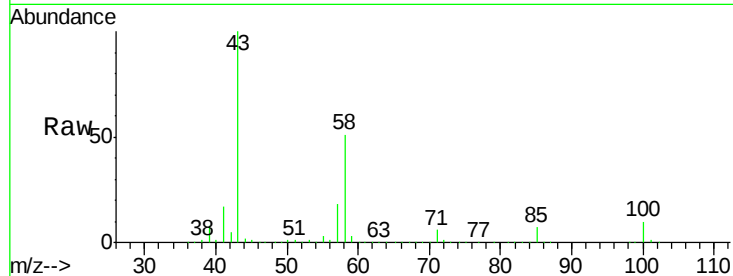
#59
2-Hexanone
Concen: 94.437 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.1	43.9	65.9
57	17.7	14.9	22.3

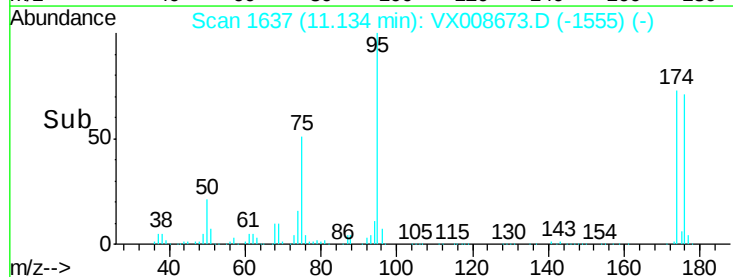
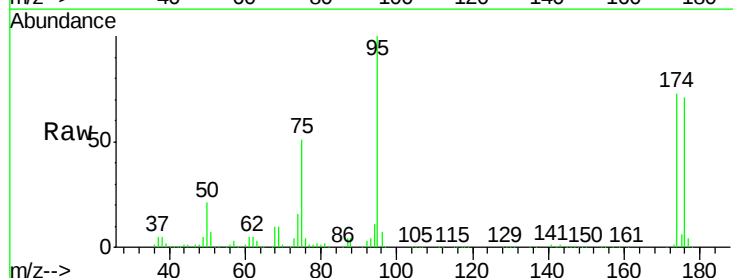
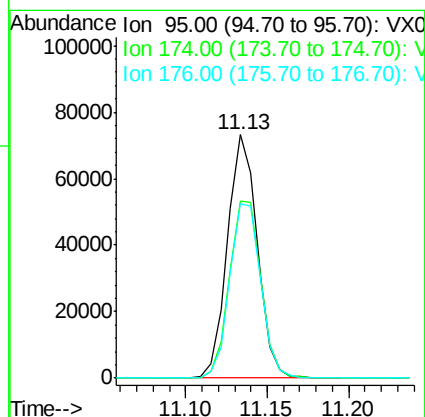
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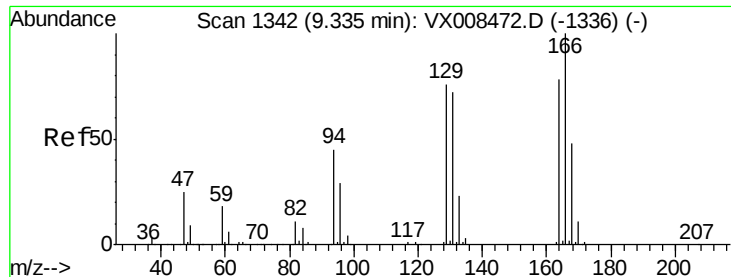
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 30.047 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	74.9	112.3
176	74.8	70.7	106.1





#61

Tetrachloroethene

Concen: 19.509 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 164 Resp: 37924

Ion Ratio Lower Upper

164 100

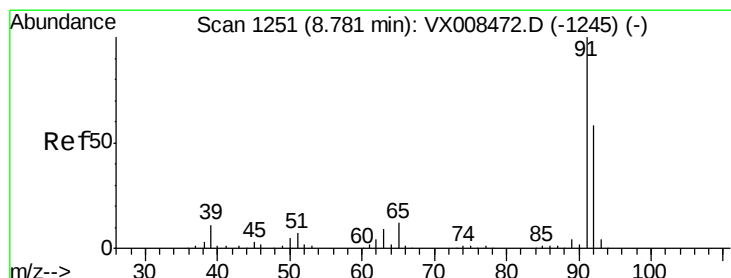
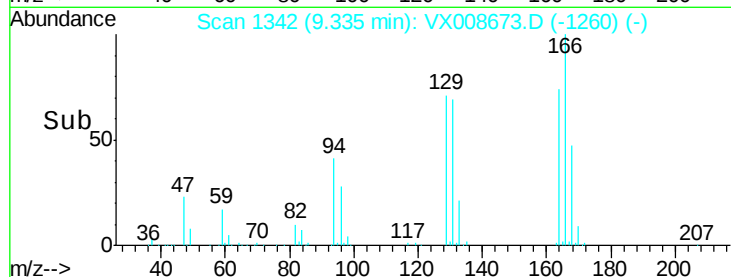
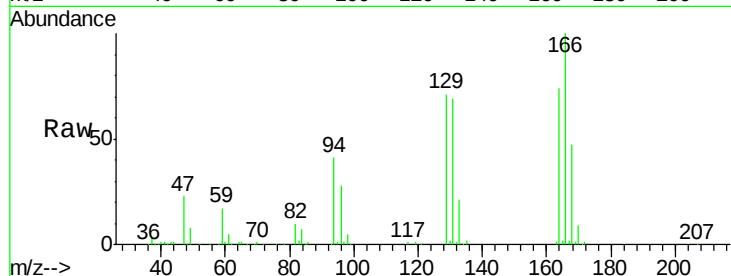
166 134.7 103.9 155.9

129 95.3 74.7 112.1

131 93.5 71.7 107.5

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#62

Toluene

Concen: 18.013 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008673.D

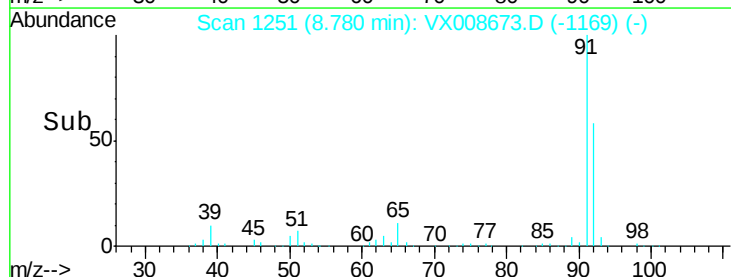
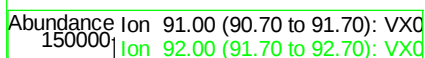
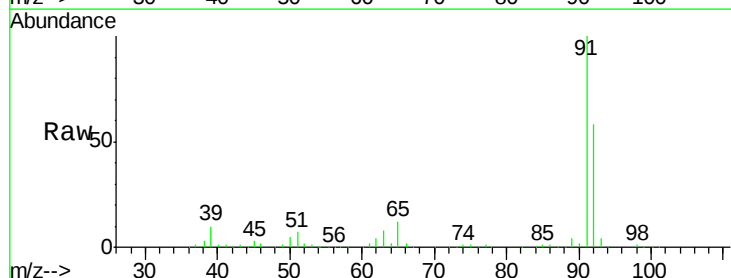
Acq: 05 Apr 2019 10:11

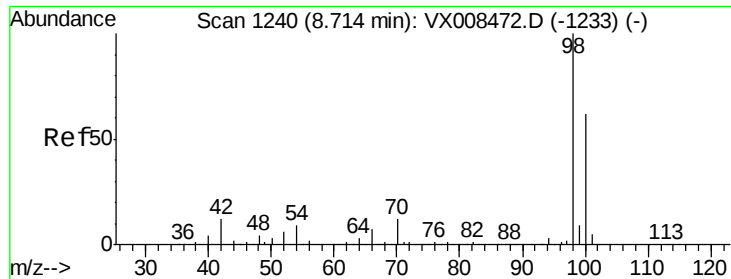
Tgt Ion: 91 Resp: 193815

Ion Ratio Lower Upper

91 100

92 57.5 46.4 69.6





#63

Toluene-d8

Concen: 30.306 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 98 Resp: 255656

Ion Ratio Lower Upper

98 100

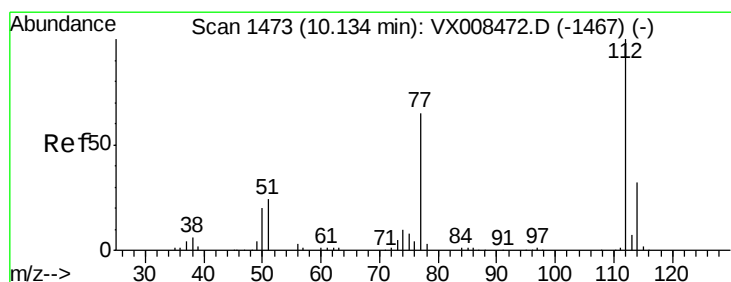
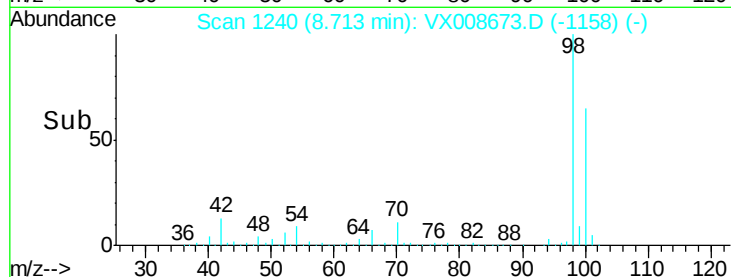
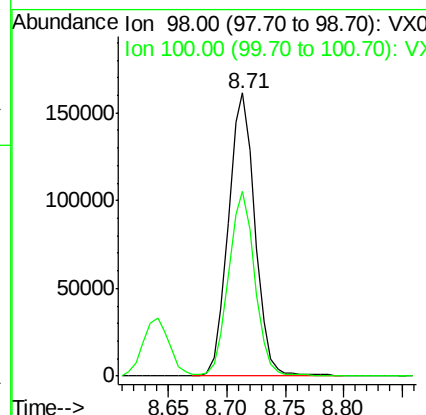
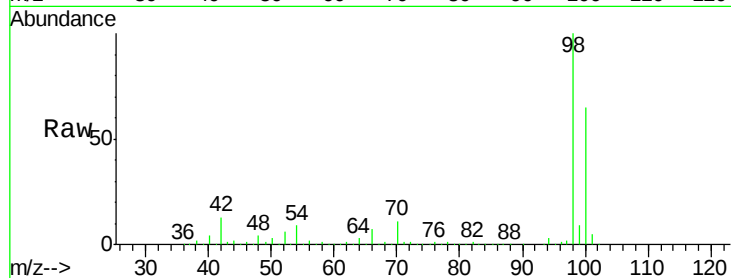
100 63.7 50.9 76.3

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#64

Chlorobenzene

Concen: 17.826 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008673.D

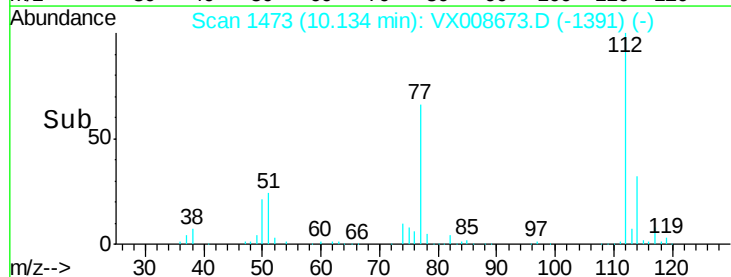
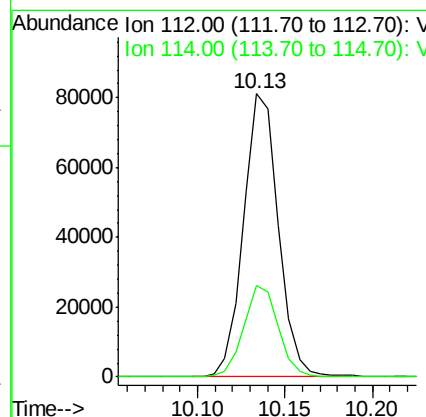
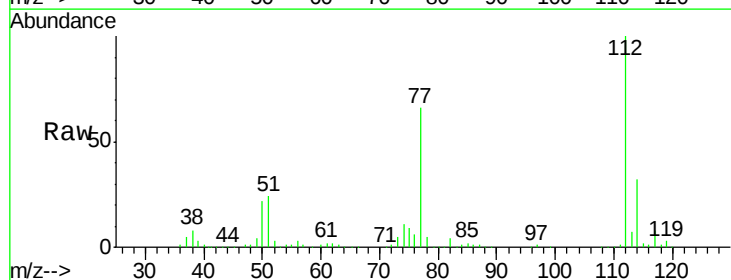
Acq: 05 Apr 2019 10:11

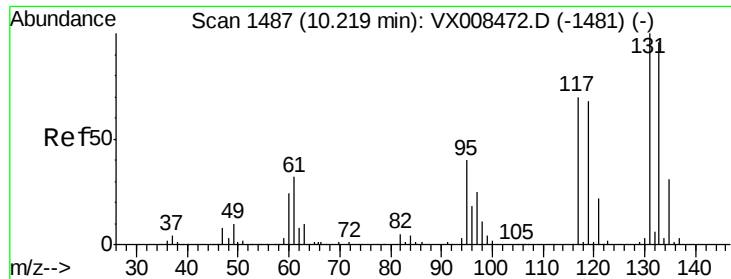
Tgt Ion: 112 Resp: 112388

Ion Ratio Lower Upper

112 100

114 32.1 25.4 38.2





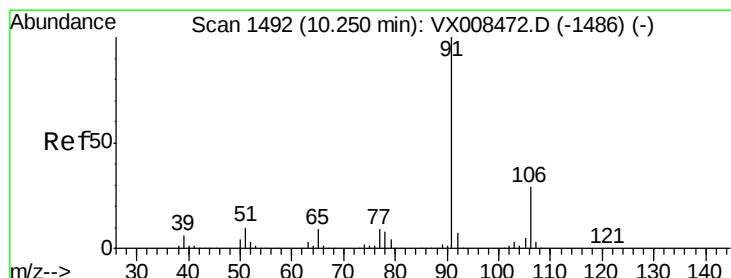
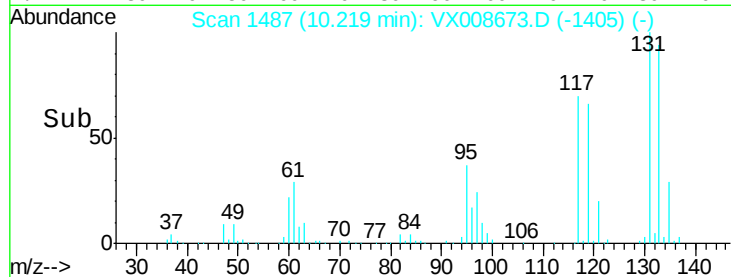
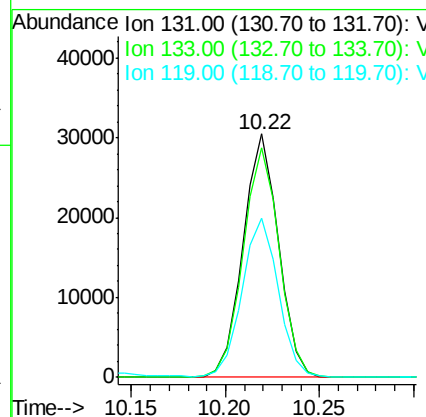
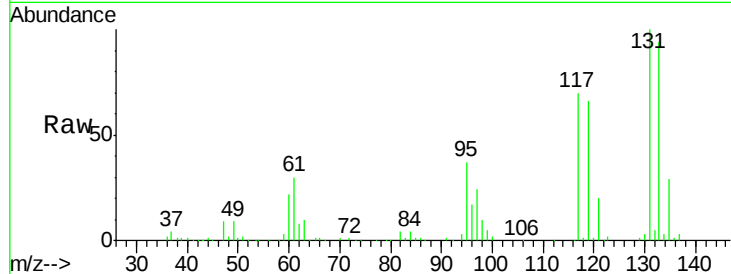
#65
 1,1,1,2-Tetrachloroethane
 Concen: 17.919 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	39832		
133	95.8	0.0	191.6	
119	67.0	0.0	127.4	

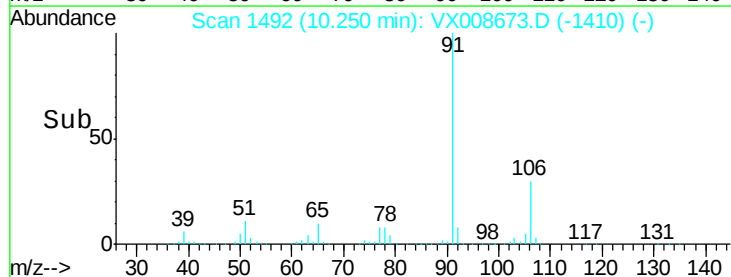
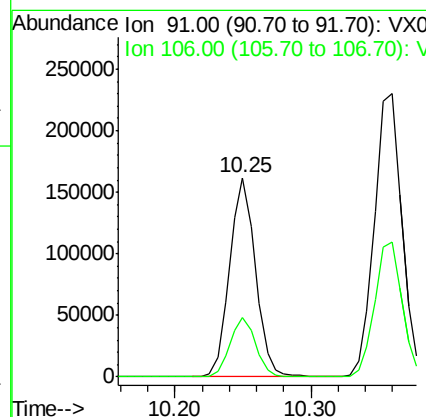
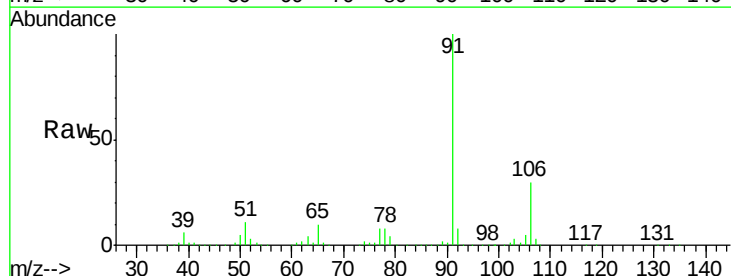
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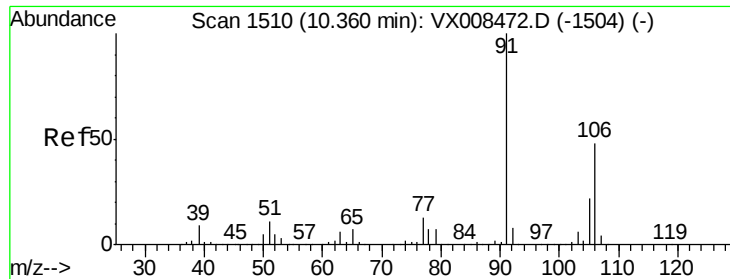
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#66
 Ethyl Benzene
 Concen: 17.860 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	213304		
106	29.7	26.0	39.0	





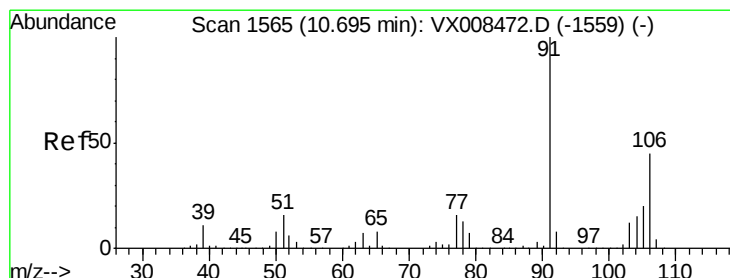
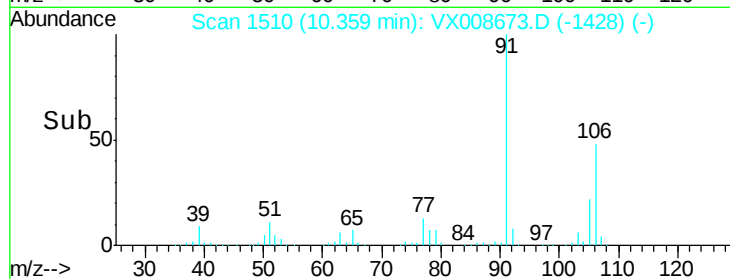
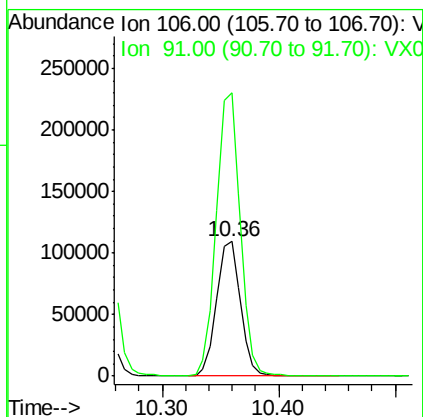
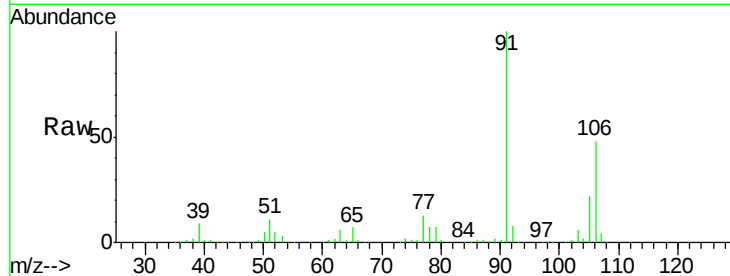
#67
m/p-Xylenes
Concen: 35.599 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tgt Ion:106 Resp: 155076
Ion Ratio Lower Upper
106 100
91 210.2 157.0 235.4

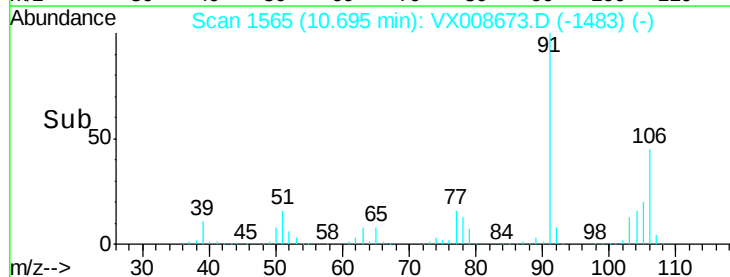
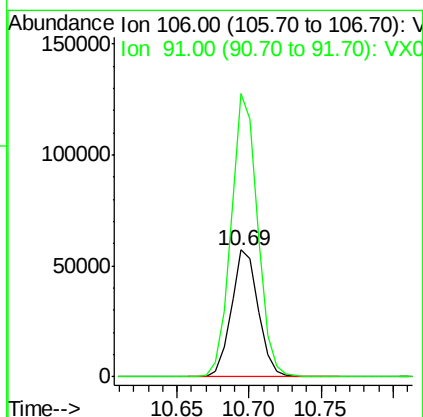
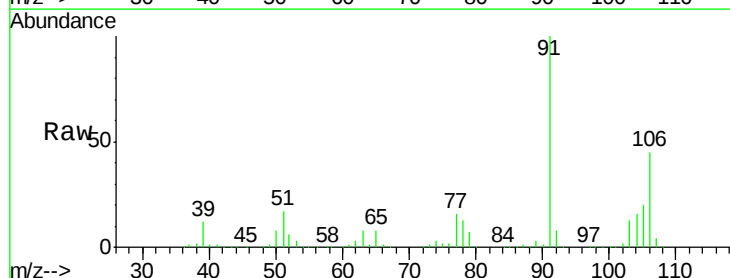
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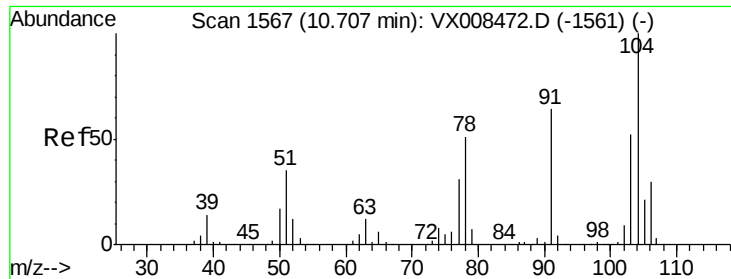
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#68
o-Xylene
Concen: 17.657 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion:106 Resp: 75269
Ion Ratio Lower Upper
106 100
91 219.7 104.4 313.2





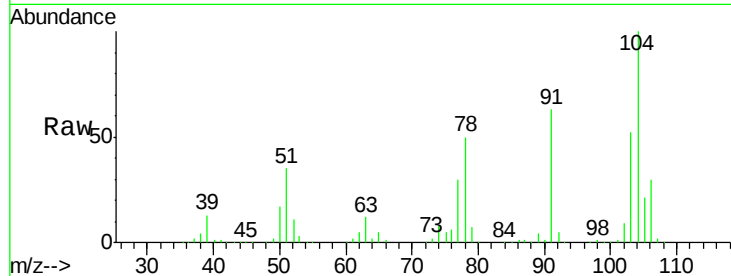
#69
Styrene
Concen: 17.713 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

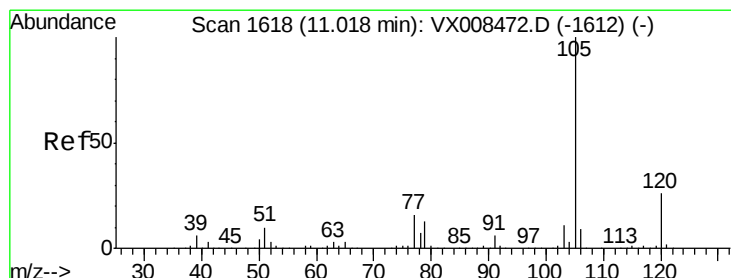
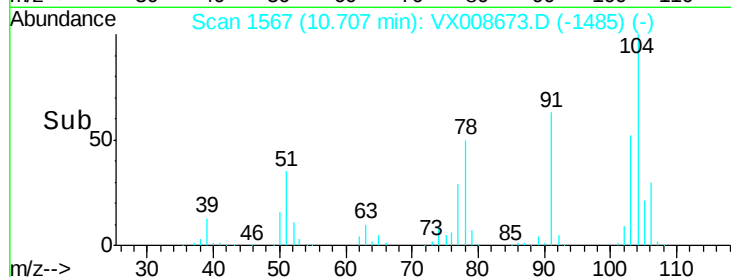
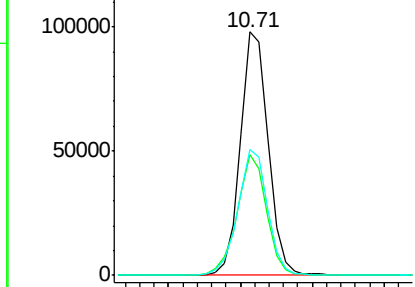
Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.3	38.2	57.2
103	55.3	45.0	67.4

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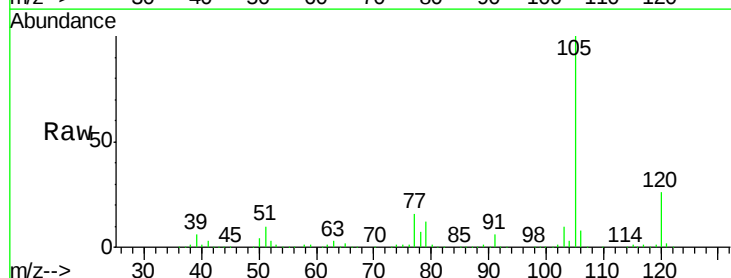


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX
Ion 103.00 (102.70 to 103.70): V

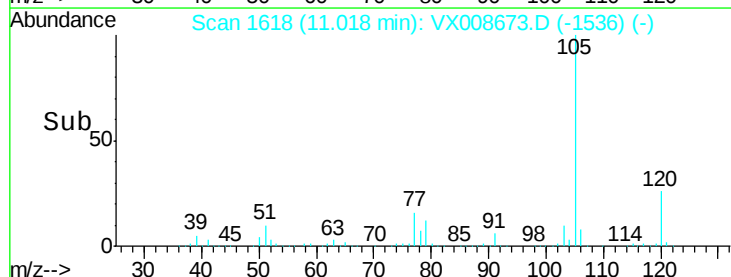
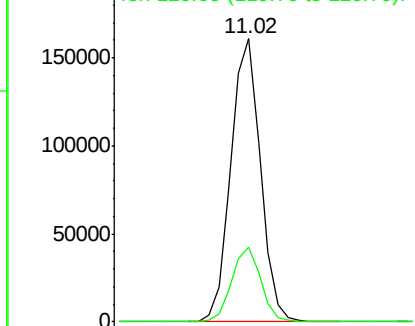


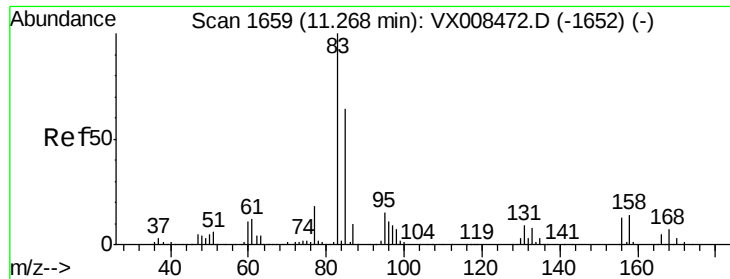
#70
Isopropylbenzene
Concen: 18.046 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	19.8	36.8



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





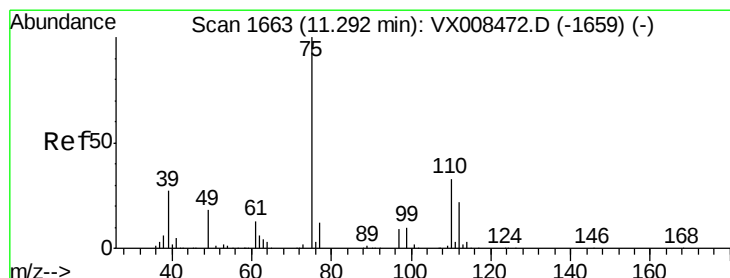
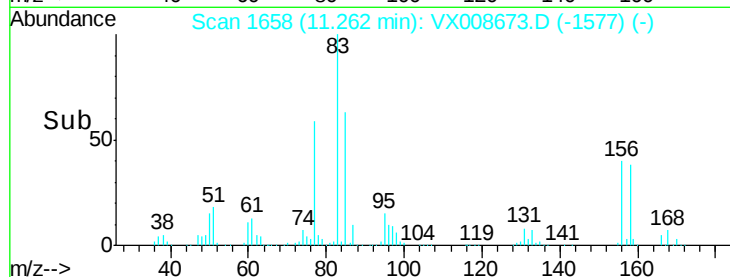
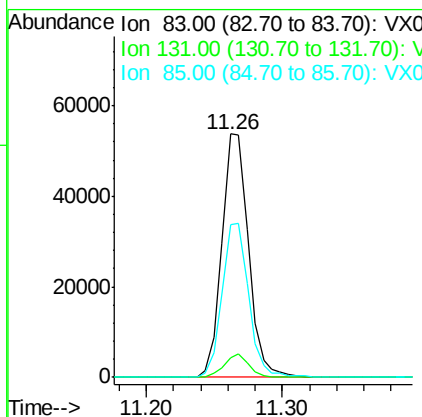
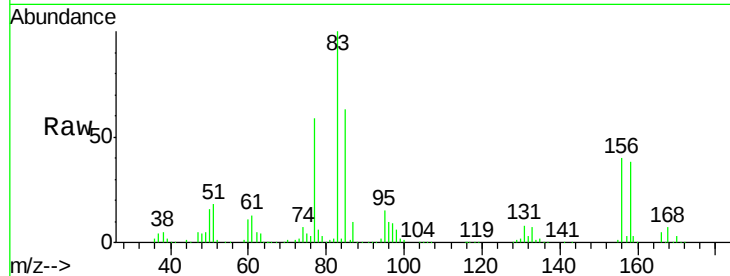
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.446 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.0	5.4	16.2
85	63.1	32.8	98.4

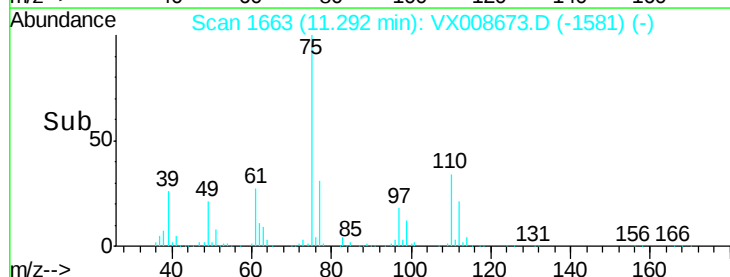
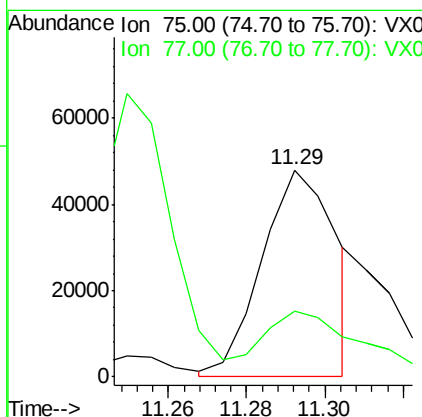
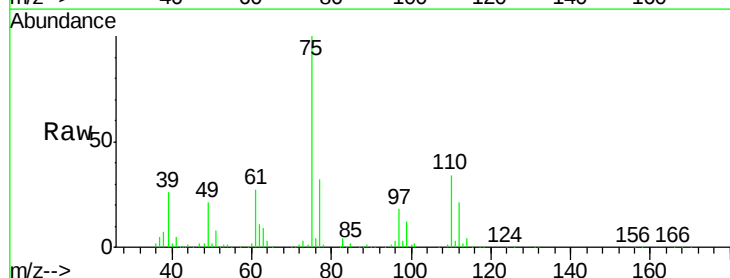
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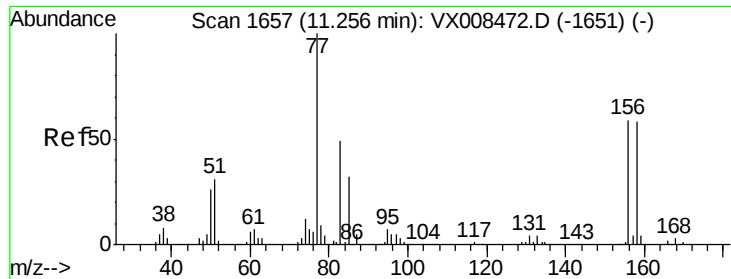
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#72
 1,2,3-Trichloropropane
 Concen: 17.758 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.6	0.0	76.4





#73

Bromobenzene

Concen: 17.856 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

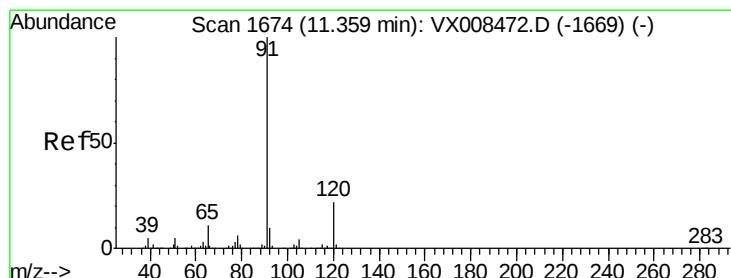
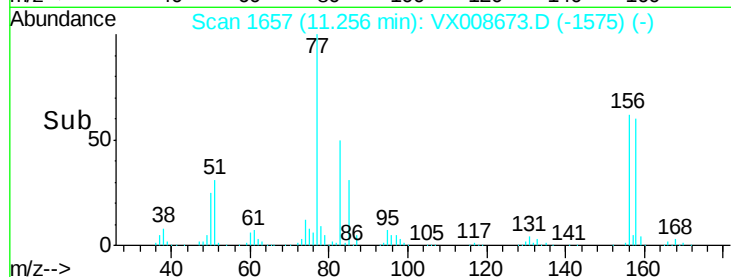
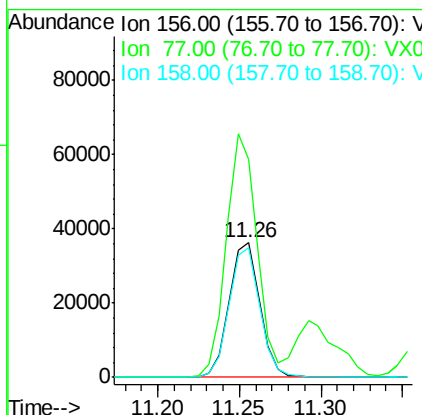
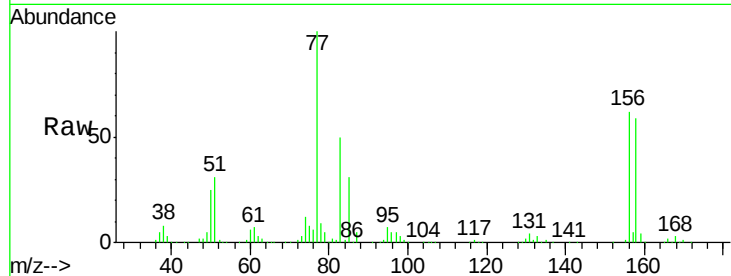
ClientSampleId :

VSTDCCC020

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	47769		
77	179.7	0.0	271.4	
158	96.1	0.0	194.0	

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#74

n-propylbenzene

Concen: 17.768 ug/l

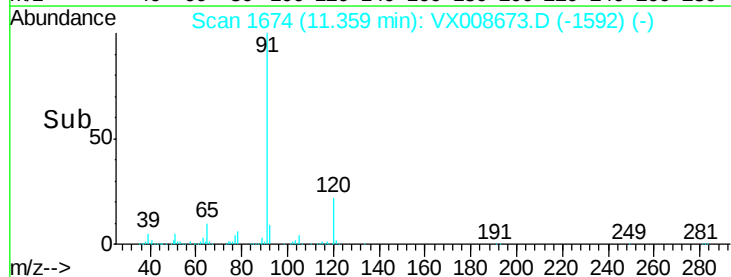
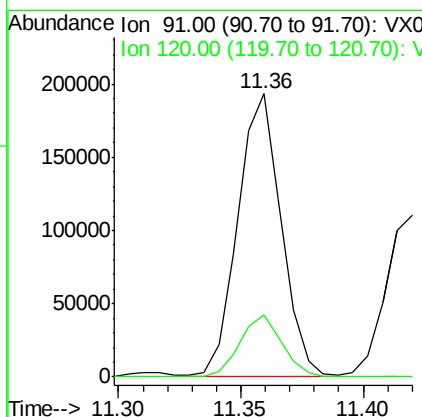
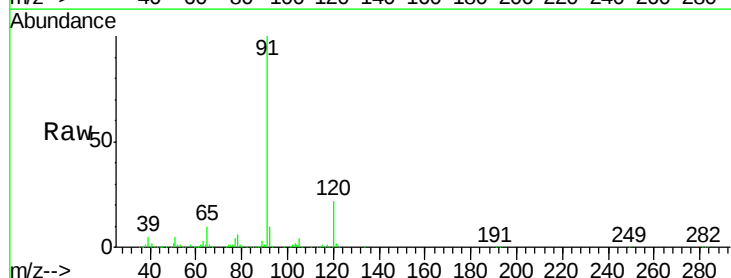
RT: 11.36 min Scan# 1674

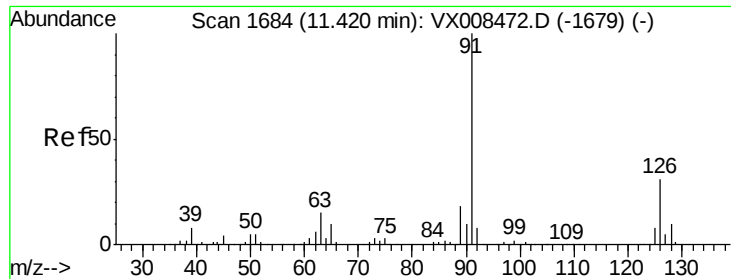
Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	238015		
120	21.3	0.0	48.6	





#75

2-Chlorotoluene

Concen: 17.689 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 140975

Ion Ratio Lower Upper

91 100

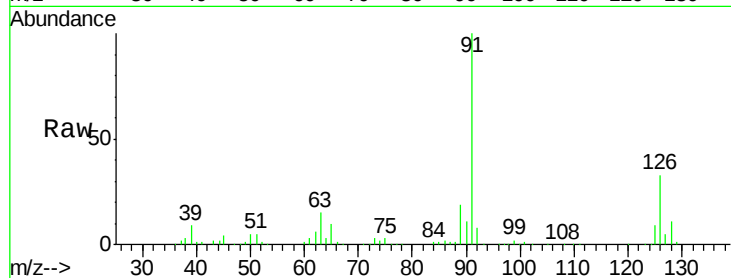
126 32.2 0.0 75.2

Manual Integrations

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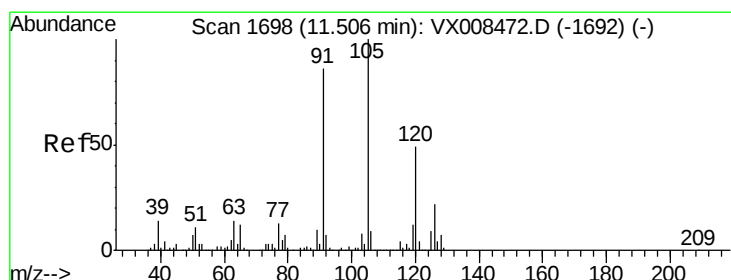
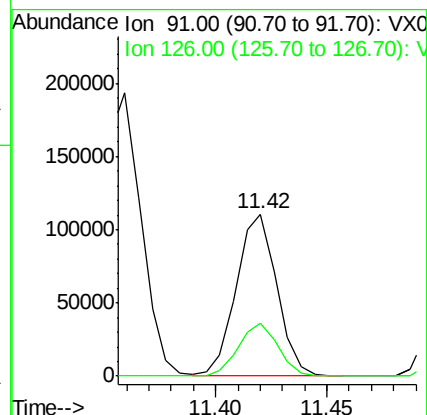
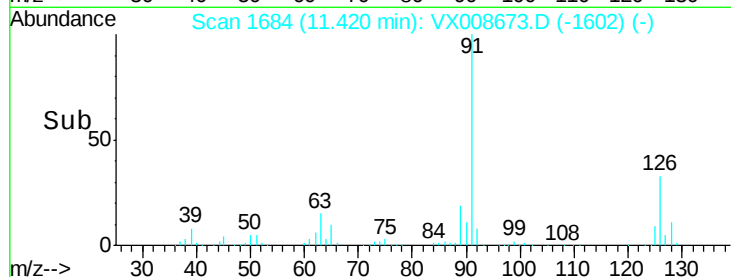
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Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX008472.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.655 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008673.D

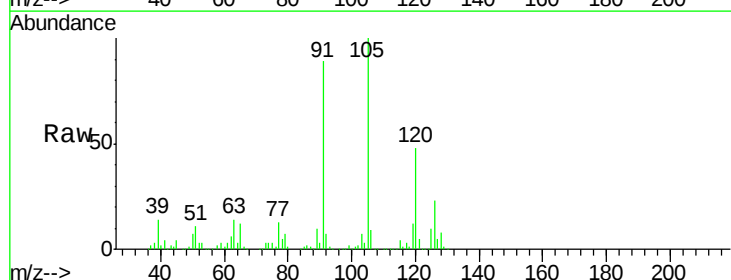
Acq: 05 Apr 2019 10:11

Tgt Ion: 105 Resp: 169731

Ion Ratio Lower Upper

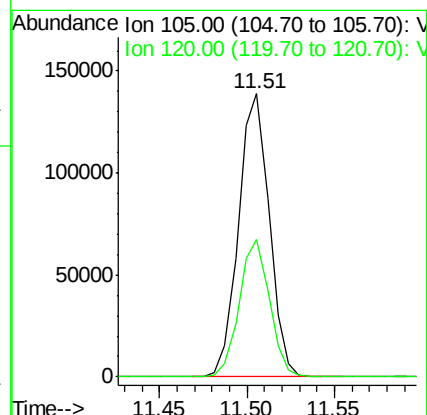
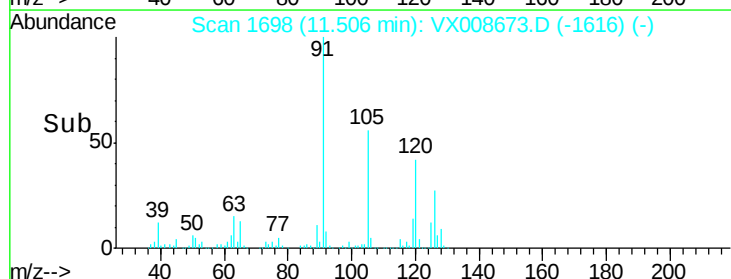
105 100

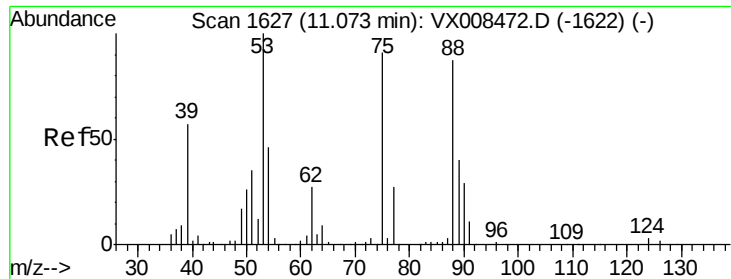
120 47.5 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008472.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008472.D (-1692) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 16.635 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

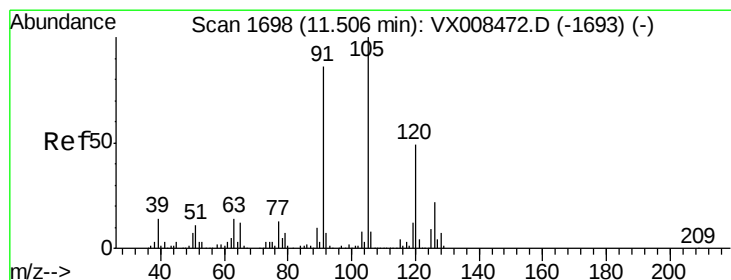
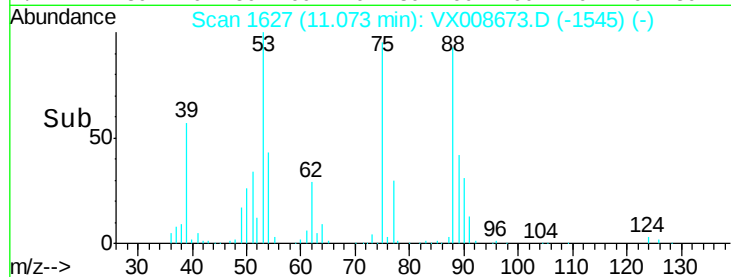
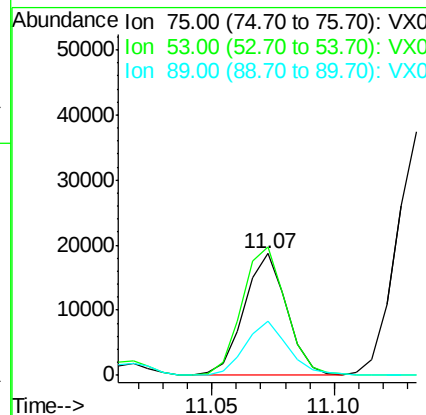
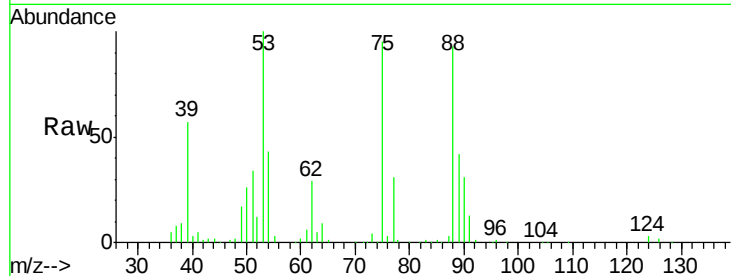
ClientSampled :

VSTDCCC020

Tgt Ion:	75	Resp:	22657
Ion	Ratio	Lower	Upper
75	100		
53	105.6	55.5	166.7
89	44.5	24.4	73.2

Manual Integrations
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#78

4-Chlorotoluene

Concen: 17.542 ug/l

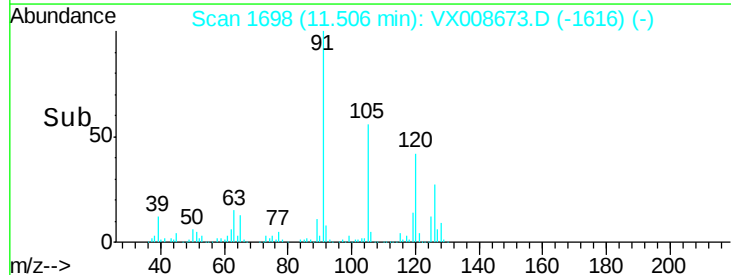
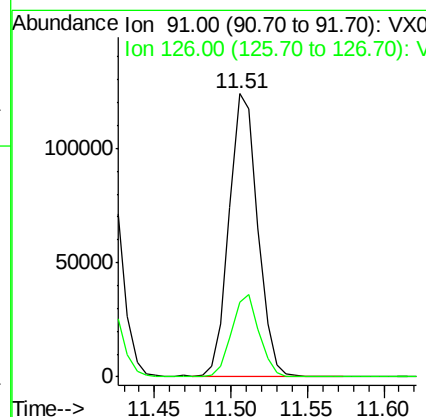
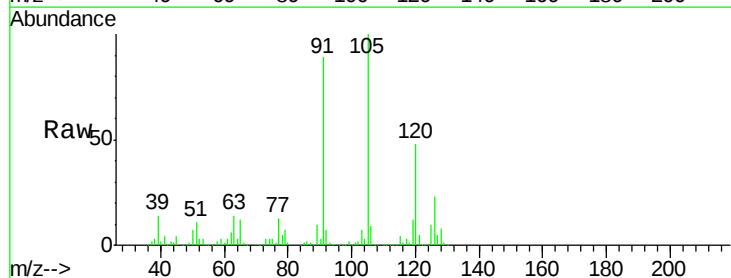
RT: 11.51 min Scan# 1698

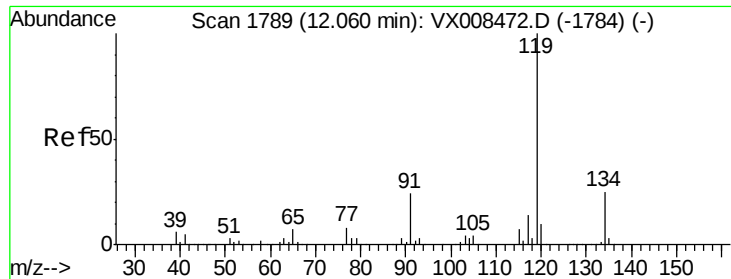
Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Tgt Ion:	91	Resp:	160905
Ion	Ratio	Lower	Upper
91	100		
126	28.0	0.0	66.2





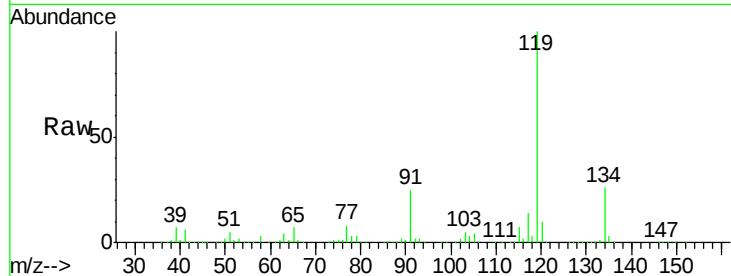
#79
tert-butylbenzene
Concen: 17.831 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

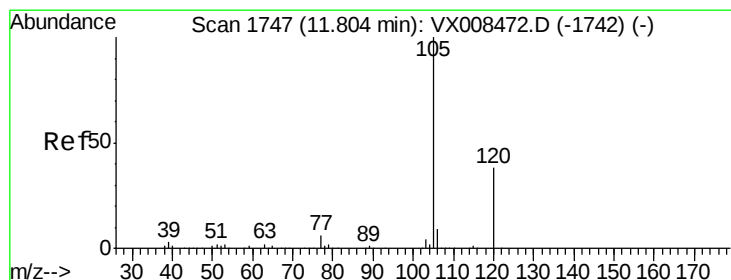
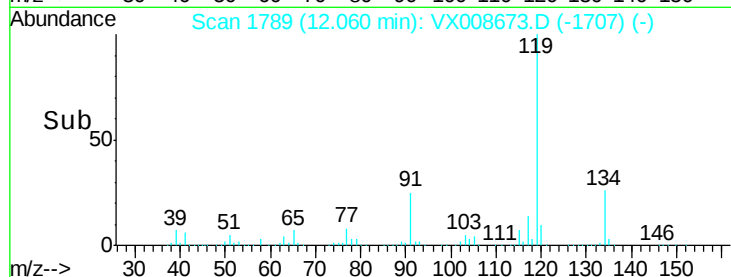
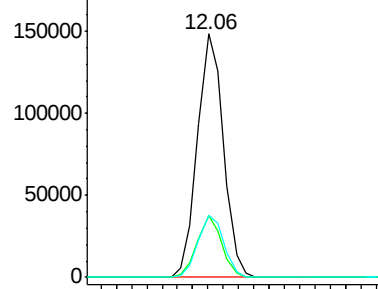
Tgt Ion	Ratio	Resp	Lower	Upper
119	100	175184		
91	24.1	0.0	45.0	
134	25.6	0.0	55.4	

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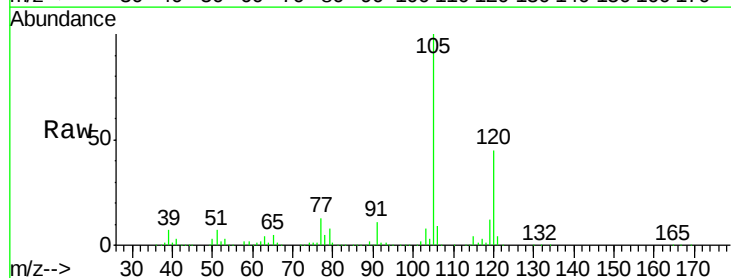


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

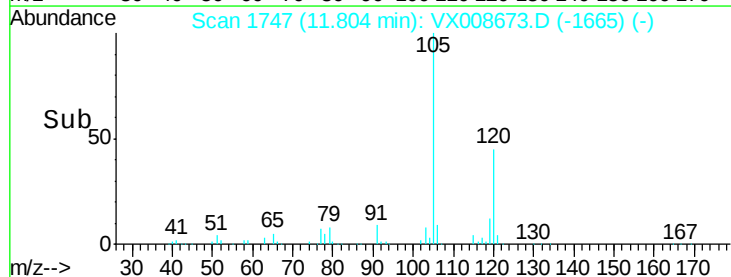
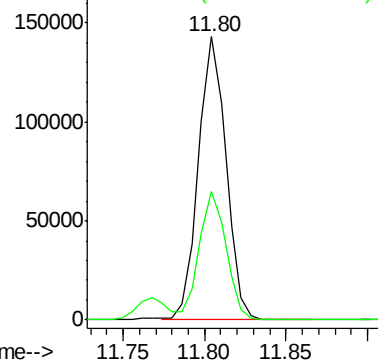


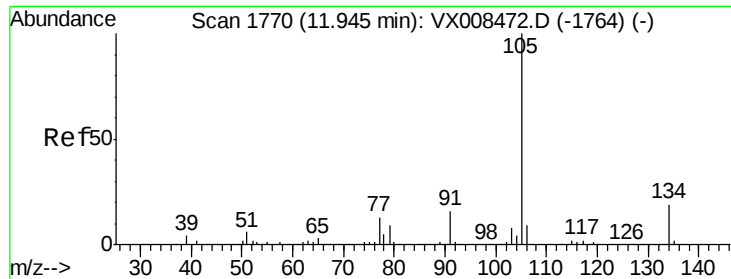
#80
1,2,4-Trimethylbenzene
Concen: 17.600 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168703		
120	43.7	0.0	94.0	



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





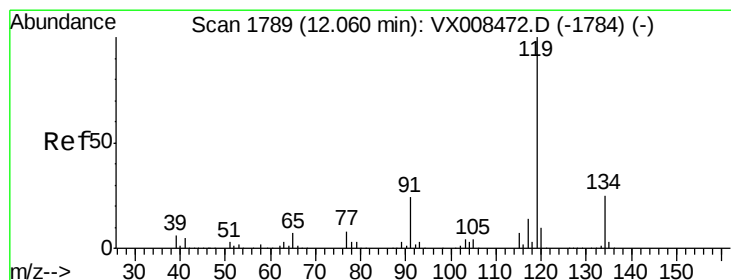
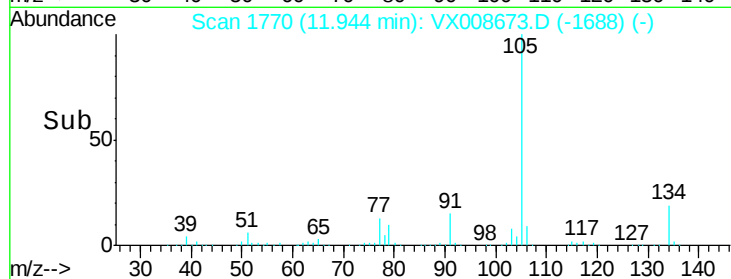
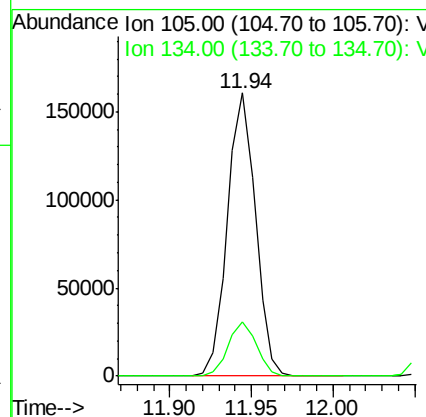
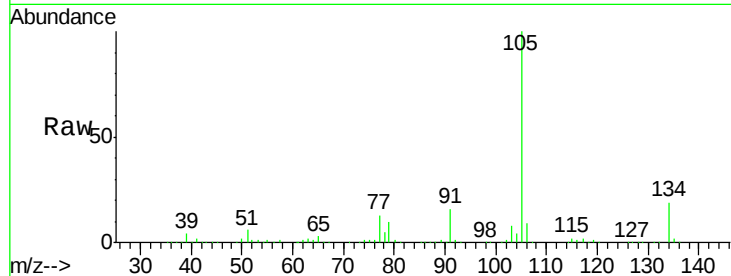
#81
 sec-Butylbenzene
 Concen: 17.539 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192654		
134	19.4	0.0	41.8	

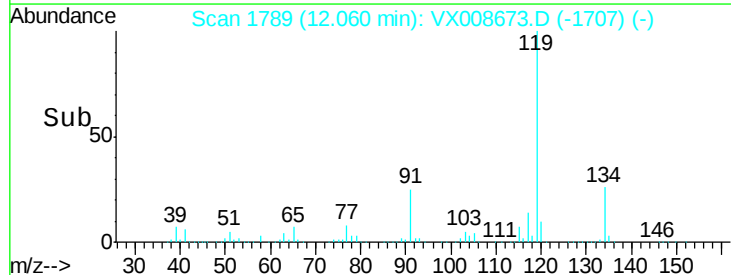
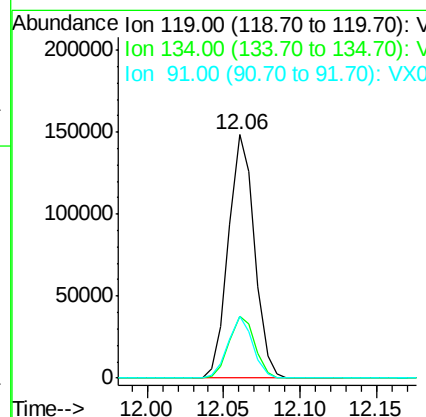
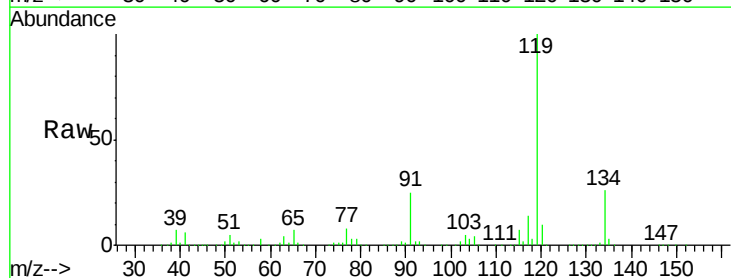
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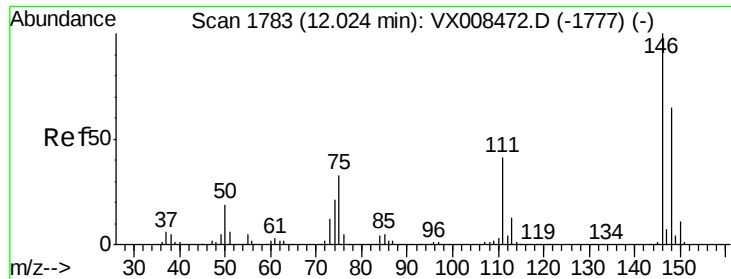
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#82
 p-Isopropyltoluene
 Concen: 17.831 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	175184		
134	25.6	0.0	55.4	
91	24.1	0.0	45.0	





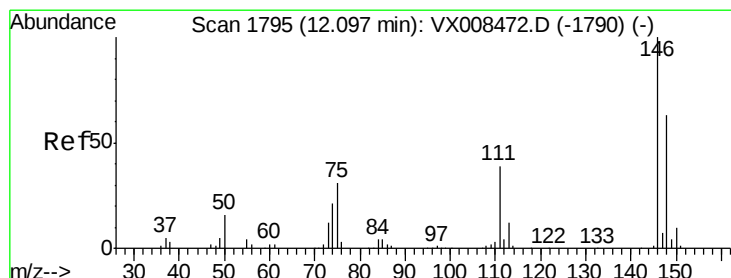
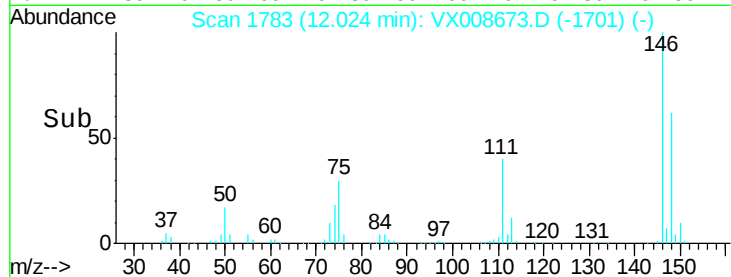
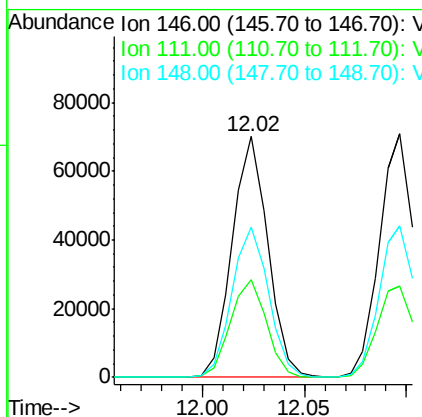
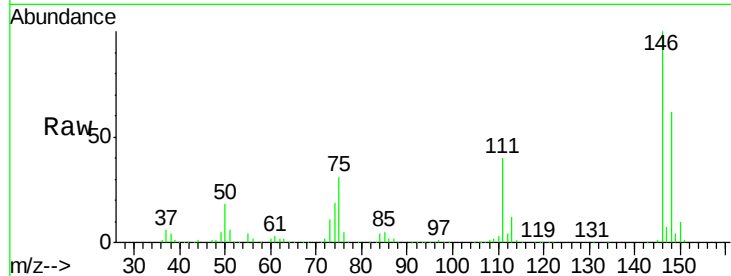
#83
 1,3-Dichlorobenzene
 Concen: 17.872 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	18.8	56.3
148	64.2	30.6	91.8

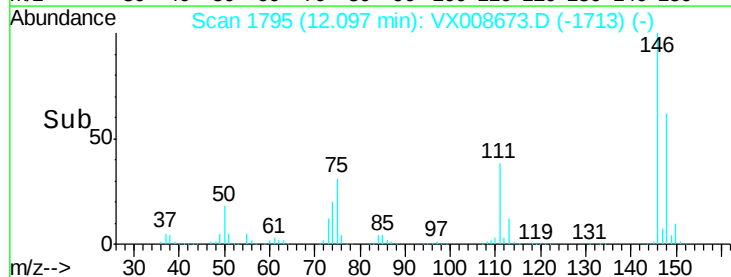
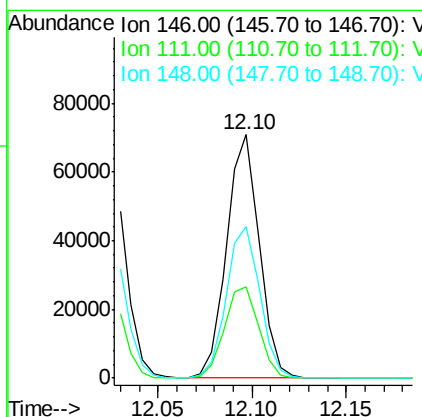
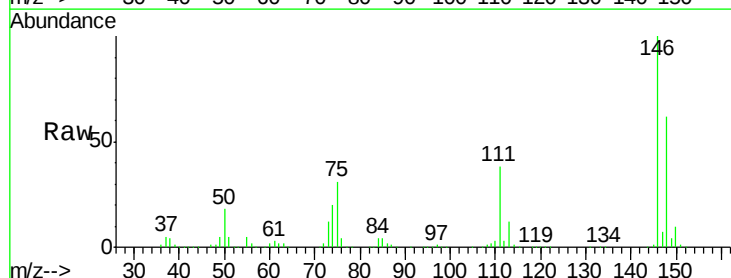
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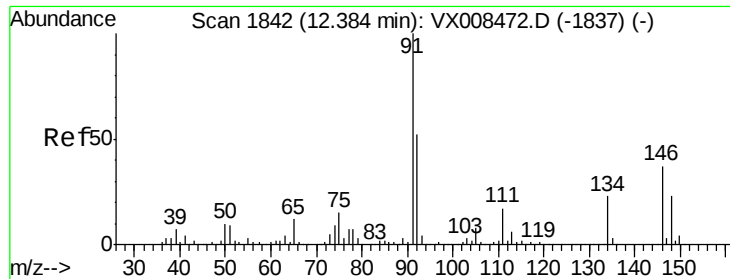
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#84
 1,4-Dichlorobenzene
 Concen: 17.905 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008673.D
 Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	17.6	52.8
148	64.3	31.4	94.2





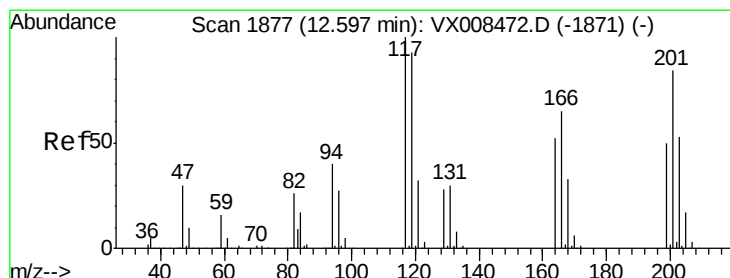
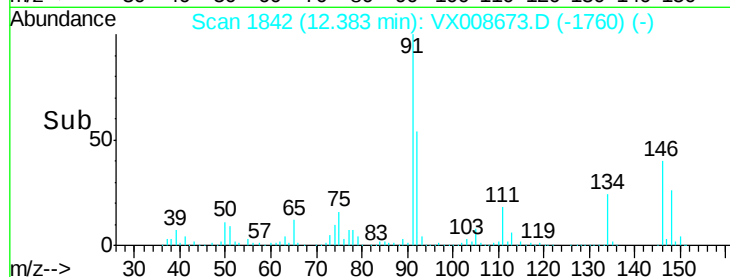
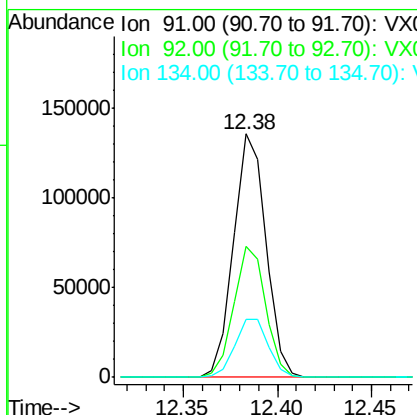
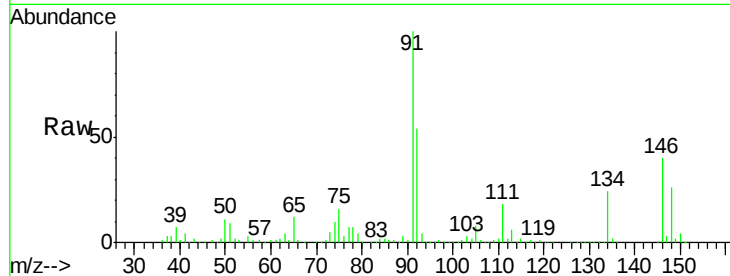
#85
n-Butylbenzene
Concen: 17.313 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	161611		
92	53.1	0.0	105.2	
134	24.6	0.0	56.4	

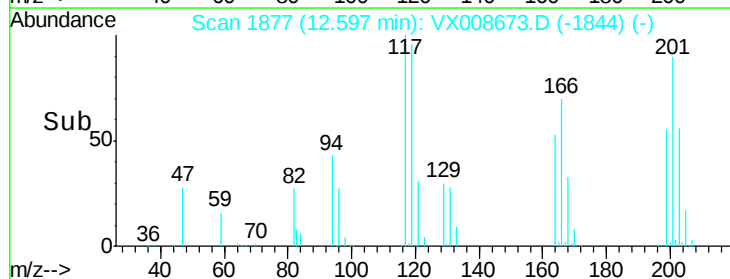
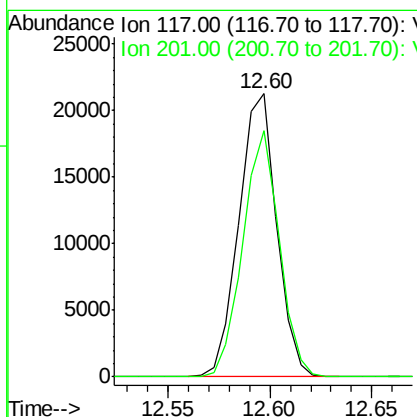
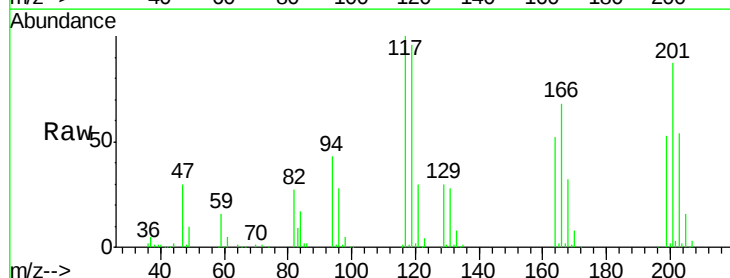
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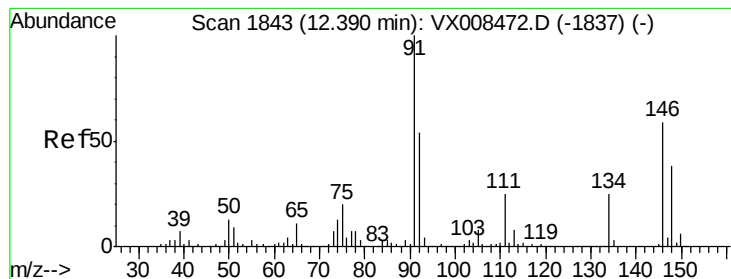
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#86
Hexachloroethane
Concen: 16.704 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27419		
201	84.1	41.1	123.3	





#87

1,2-Dichlorobenzene

Concen: 17.960 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

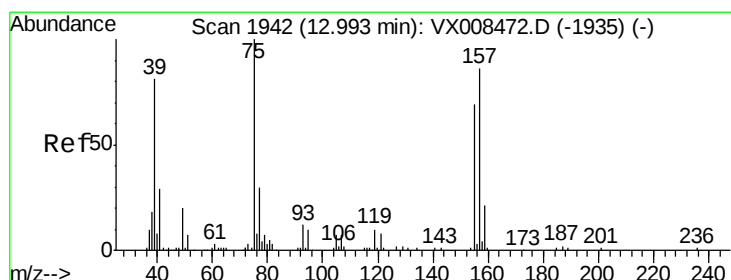
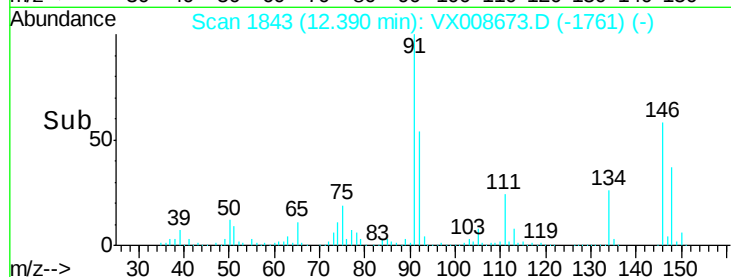
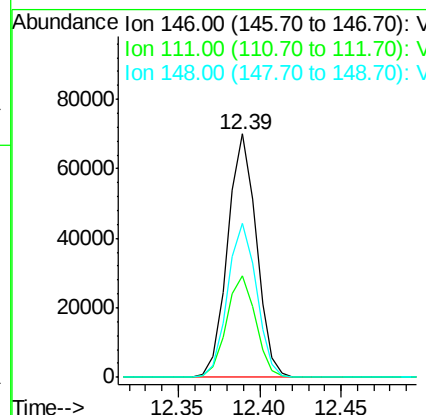
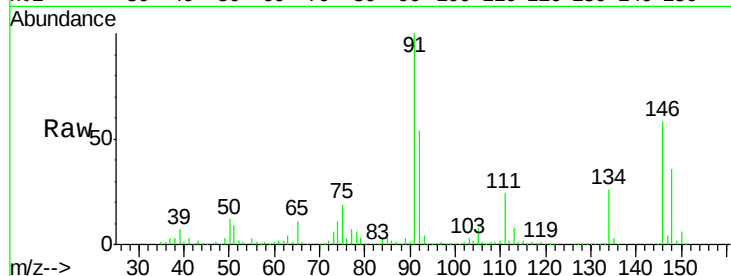
ClientSampleId :

VSTDCCC020

Tgt Ion:	146	Resp:	85951
Ion Ratio	Lower	Upper	
146	100		
111	42.1	19.3	57.8
148	63.8	32.1	96.3

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.116 ug/l

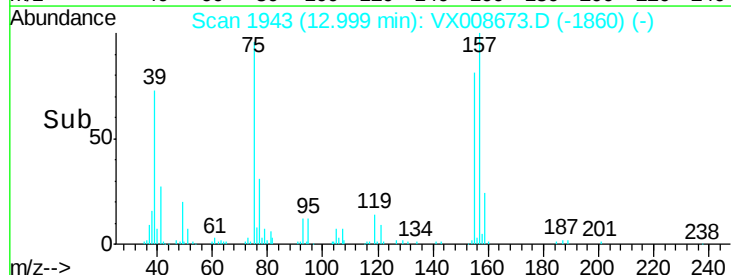
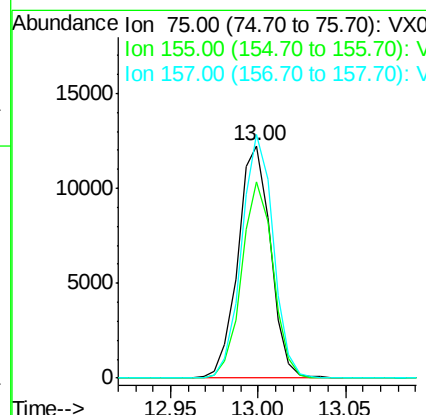
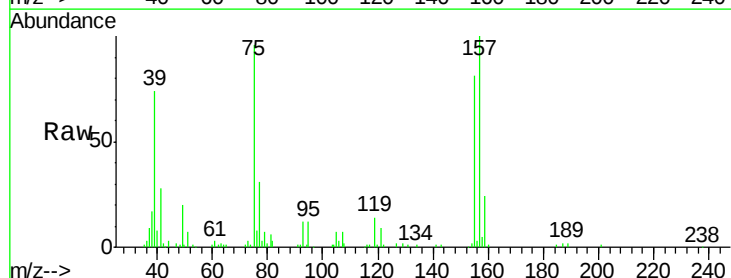
RT: 13.00 min Scan# 1943

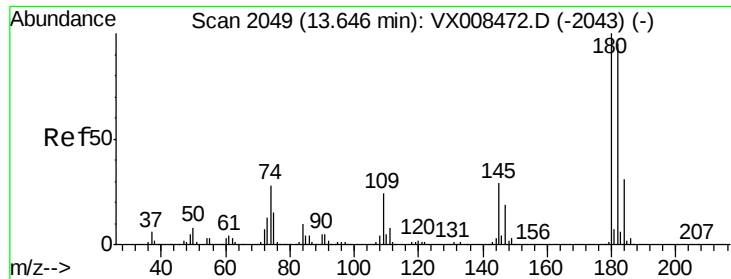
Delta R.T. 0.01 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Tgt Ion:	75	Resp:	15936
Ion Ratio	Lower	Upper	
75	100		
155	81.1	81.0	121.6
157	101.2	103.2	154.8#





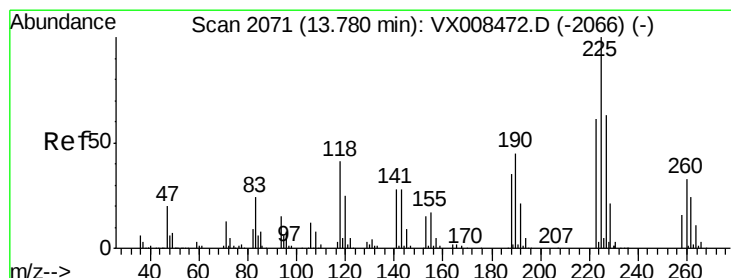
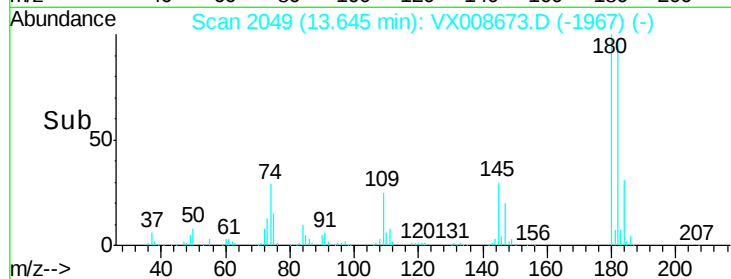
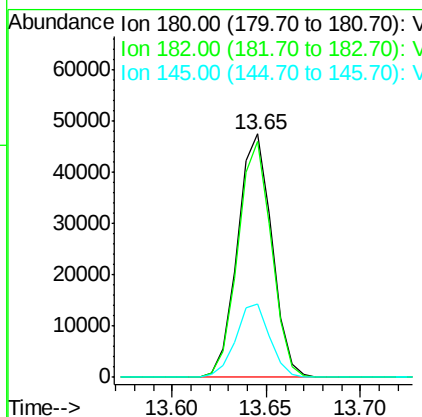
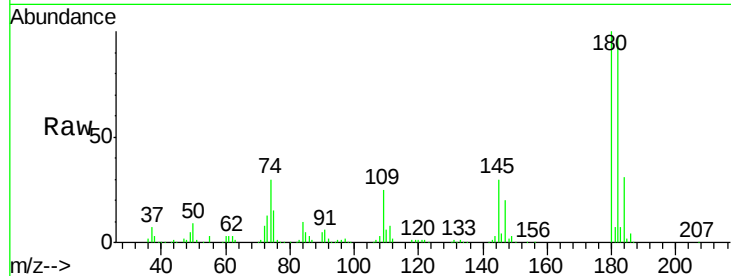
#89
1,2,4-Trichlorobenzene
Concen: 18.140 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.6	113.4
145	29.9	23.0	34.6

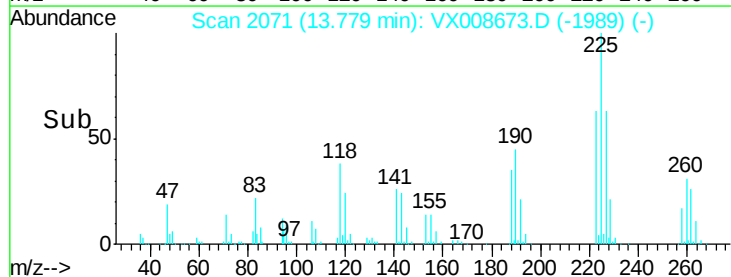
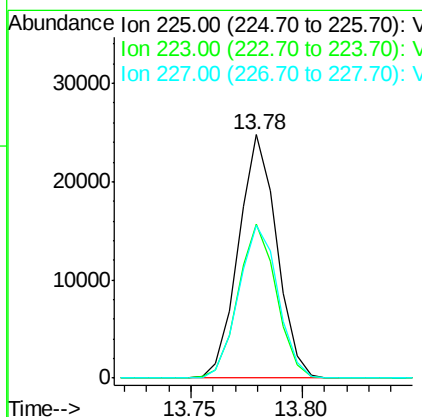
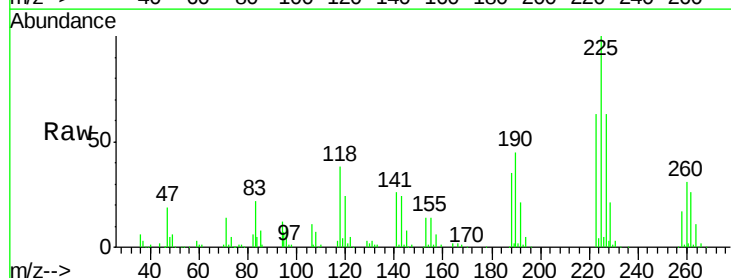
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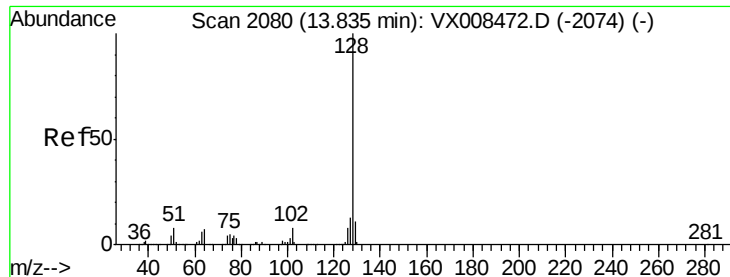
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#90
Hexachlorobutadiene
Concen: 18.628 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008673.D
Acq: 05 Apr 2019 10:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	123.8
227	64.6	0.0	124.4





#91

Naphthalene

Concen: 17.910 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Instrument :

MSVOA_X

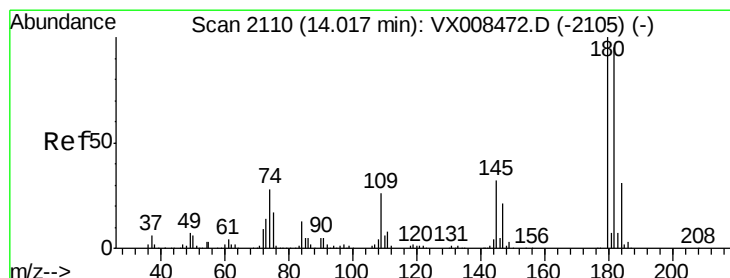
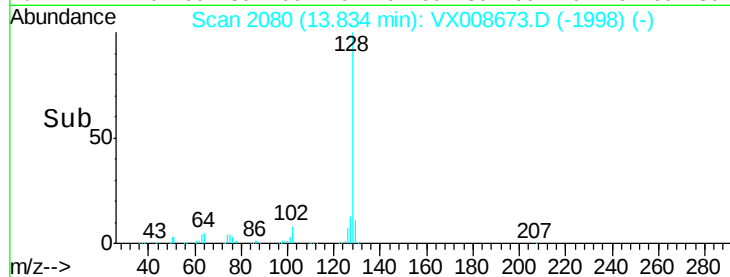
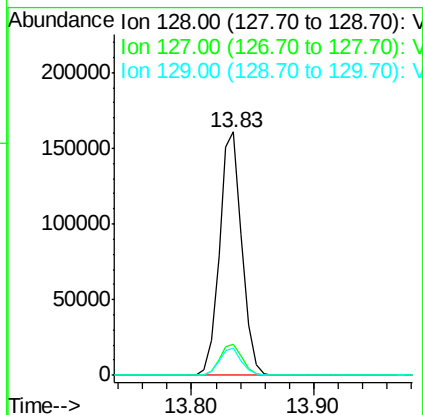
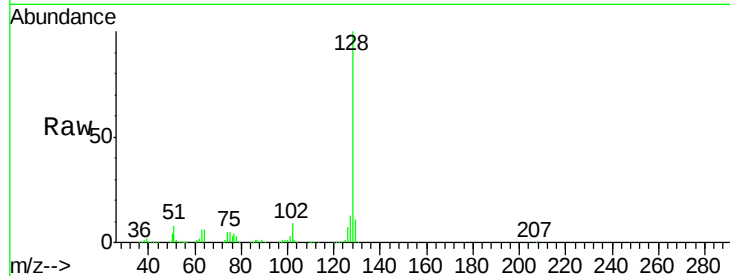
ClientSampleId :

VSTDCCC020

Tgt Ion:	128	Resp:	202559
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.0	8.9	13.3

Manual Integrations
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4/8/2019 9:49:19 AM



#92

1,2,3-Trichlorobenzene

Concen: 18.329 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008673.D

Acq: 05 Apr 2019 10:11

Tgt Ion:	180	Resp:	60947
Ion Ratio	Lower	Upper	
180	100		
182	96.2	0.0	193.0
145	32.2	0.0	63.0

