

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071819\
 Data File : VX010974.D
 Acq On : 18 Jul 2019 21:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 12:23:48 PM

Quant Time: Jul 19 04:57:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168637	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	128647	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.66%		
35) Dibromofluoromethane	5.50	113	112763	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.96%		
50) Toluene-d8	8.71	98	421340	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.58%		
62) 4-Bromofluorobenzene	11.13	95	162577	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.62%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	124373	50.944	ug/l	100
3) Chloromethane	1.32	50	107364	51.004	ug/l	98
4) Vinyl Chloride	1.41	62	112740	52.508	ug/l	98
5) Bromomethane	1.64	94	54352	44.921	ug/l	98
6) Chloroethane	1.71	64	69616	51.021	ug/l	100
7) Trichlorofluoromethane	1.93	101	191168	52.598	ug/l	97
8) Diethyl Ether	2.19	74	61699	49.271	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107854	51.973	ug/l	98
10) Methyl Iodide	2.51	142	135668	49.818	ug/l	100
11) Tert butyl alcohol	3.05	59	144158	254.186	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106570	52.268	ug/l	99
13) Acrolein	2.29	56	77565	236.716	ug/l	100
14) Allyl chloride	2.73	41	152285	51.420	ug/l	99
15) Acrylonitrile	3.14	53	298367	260.354	ug/l	100
16) Acetone	2.45	43	251102	228.305	ug/l	98
17) Carbon Disulfide	2.57	76	260828	49.871	ug/l	100
18) Methyl Acetate	2.78	43	131305	52.430	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	349884	53.306	ug/l	99
20) Methylene Chloride	2.85	84	118681	50.918	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	111067	51.339	ug/l	96
22) Diisopropyl ether	3.85	45	328554	52.600	ug/l	98
23) Vinyl Acetate	3.81	43	1428740	269.962	ug/l	100
24) 1,1-Dichloroethane	3.70	63	188160	51.870	ug/l	99
25) 2-Butanone	4.67	43	412496	261.267	ug/l	99
26) 2,2-Dichloropropane	4.58	77	133292	44.751	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	129070	51.551	ug/l	97
28) Bromochloromethane	5.02	49	84554	49.464	ug/l	99
29) Tetrahydrofuran	5.13	42	264448	264.424	ug/l	100
30) Chloroform	5.21	83	204903	52.259	ug/l	99
31) Cyclohexane	5.58	56	171064	51.737	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	182483	53.794	ug/l	99
36) 1,1-Dichloropropene	5.80	75	147237	51.437	ug/l	100
37) Ethyl Acetate	4.83	43	155976	53.214	ug/l	99
38) Carbon Tetrachloride	5.79	117	157811	52.906	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187109	50.405	ug/l	99
40) Benzene	6.14	78	449002	51.207	ug/l	100
41) Methacrylonitrile	5.04	41	86934	52.246	ug/l	97
42) 1,2-Dichloroethane	6.19	62	161459	52.959	ug/l	99
43) Isopropyl Acetate	6.45	43	255420	52.996	ug/l	99
44) Trichloroethene	7.21	130	131581	50.696	ug/l	92
45) 1,2-Dichloropropane	7.51	63	114340	51.234	ug/l	98
46) Dibromomethane	7.66	93	83243	52.199	ug/l	99
47) Bromodichloromethane	7.90	83	153731	54.155	ug/l	100
48) Methyl methacrylate	7.77	41	125397	53.409	ug/l	98
49) 1,4-Dioxane	7.74	88	66392	1010.907	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	841453	269.329	ug/l	100
52) Toluene	8.78	92	297188	51.593	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	163825	53.672	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	179425	52.827	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	125269	52.817	ug/l	96
56) Ethyl methacrylate	9.18	69	193371	55.738	ug/l	100
57) 1,3-Dichloropropane	9.37	76	194853	51.789	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	443016	267.504	ug/l	100
59) 2-Hexanone	9.49	43	659044	271.969	ug/l	99
60) Dibromochloromethane	9.58	129	133629	49.008	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133817	53.164	ug/l	99
64) Tetrachloroethene	9.34	164	127142	50.555	ug/l	97
65) Chlorobenzene	10.13	112	332152	50.586	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	123793	53.643	ug/l	99
67) Ethyl Benzene	10.25	91	584405	52.289	ug/l	99
68) m/p-Xylenes	10.36	106	447057	104.278	ug/l	99
69) o-Xylene	10.69	106	218917	52.322	ug/l	98
70) Styrene	10.71	104	378523	54.270	ug/l	100
71) Bromoform	10.85	173	101500	48.392	ug/l	99
73) Isopropylbenzene	11.02	105	593052	52.046	ug/l	99
74) N-amyl acetate	10.90	43	237337	54.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193395	51.862	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	161596m	53.102	ug/l	
77) Bromobenzene	11.26	156	159170	50.641	ug/l	98
78) n-propylbenzene	11.36	91	667620	53.026	ug/l	99
79) 2-Chlorotoluene	11.42	91	394905	52.214	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	503055	52.834	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53411	44.907	ug/l	95
82) 4-Chlorotoluene	11.51	91	464470	52.764	ug/l	99
83) tert-Butylbenzene	11.77	119	493588	52.776	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	516656	53.837	ug/l	99
85) sec-Butylbenzene	11.94	105	582815	53.183	ug/l	100
86) p-Isopropyltoluene	12.06	119	539836	53.284	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	284968	52.244	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	285436	51.023	ug/l	99
89) n-Butylbenzene	12.38	91	463962	53.529	ug/l	100
90) Hexachloroethane	12.60	117	84791	53.062	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	277452	51.324	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42477	54.494	ug/l	98

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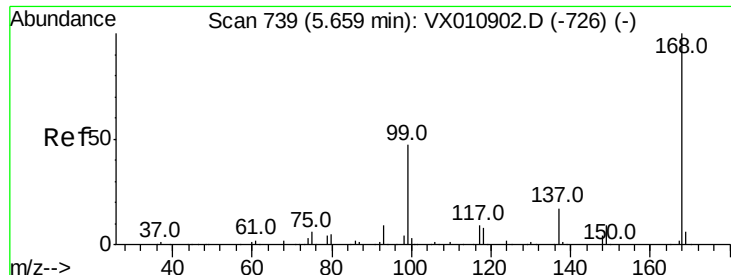
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	192352	52.503	ug/l	99
94) Hexachlorobutadiene	13.78	225	92532	50.968	ug/l	99
95) Naphthalene	13.83	128	595272	55.024	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	192097	52.698	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 228905

Ion Ratio Lower Upper

168 100

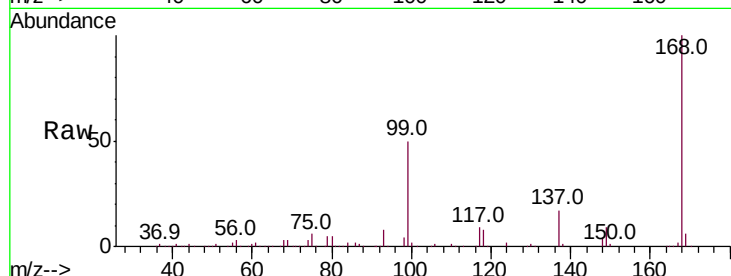
99 49.5 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

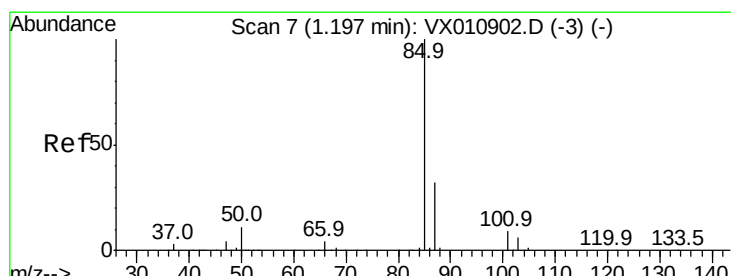
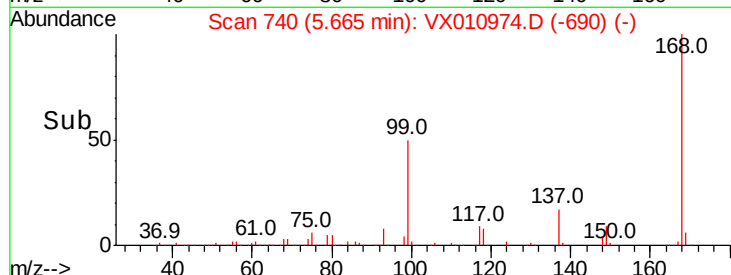
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 50.944 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010974.D

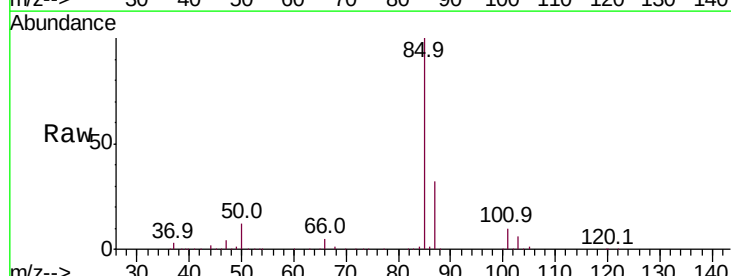
Acq: 18 Jul 2019 21:12

Tgt Ion: 85 Resp: 124373

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

0

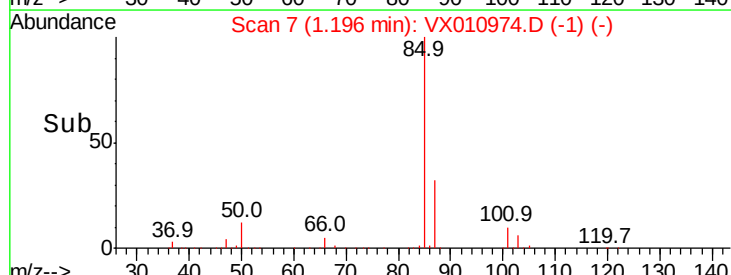
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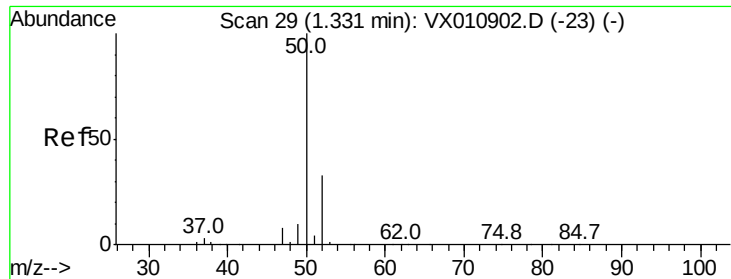
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 51.004 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 107364

Ion Ratio Lower Upper

50 100

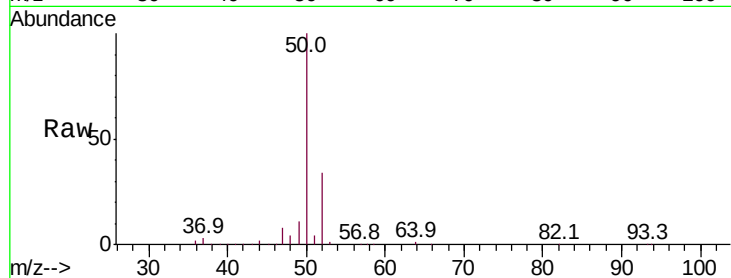
52 33.9 26.4 39.6

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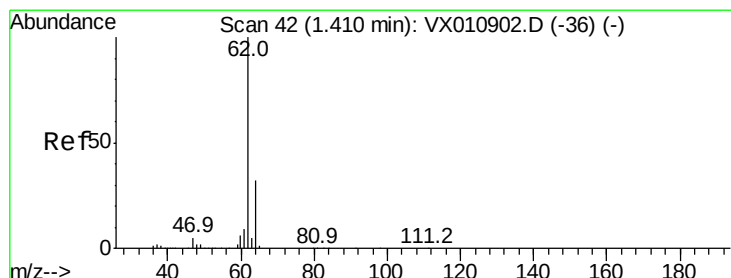
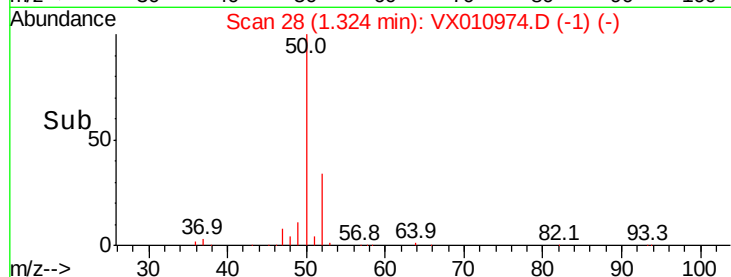
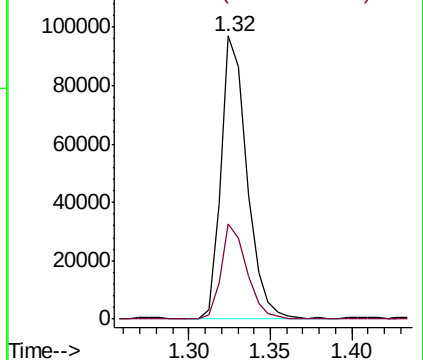
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.508 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010974.D

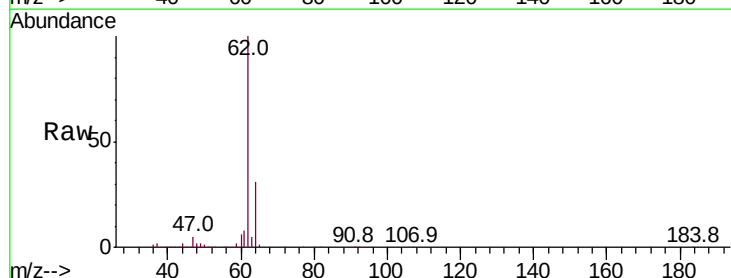
Acq: 18 Jul 2019 21:12

Tgt Ion: 62 Resp: 112740

Ion Ratio Lower Upper

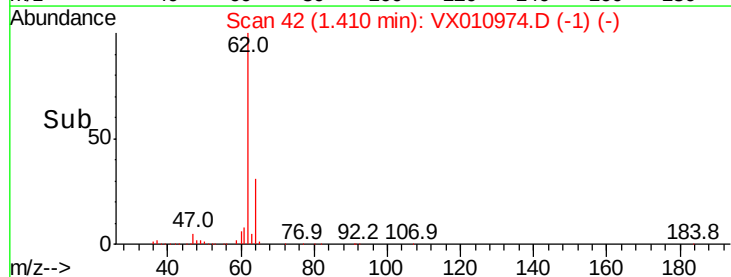
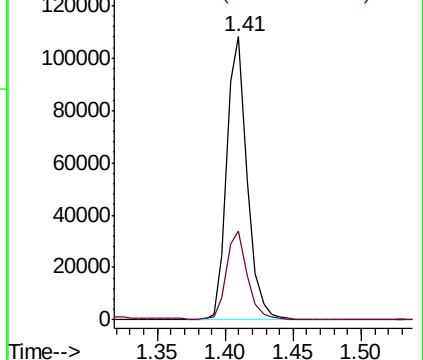
62 100

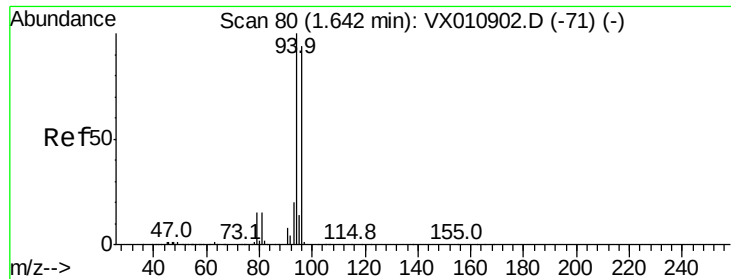
64 31.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.921 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 54352

Ion Ratio Lower Upper

94 100

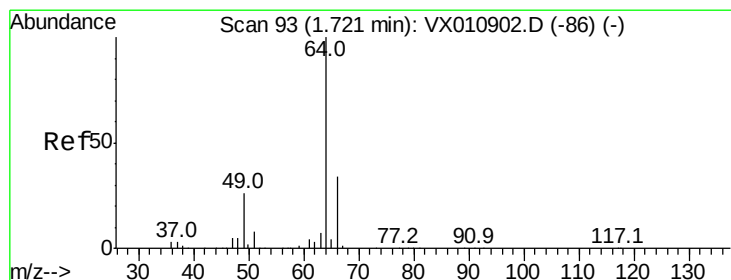
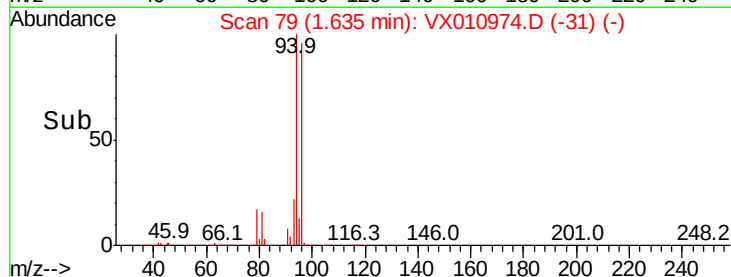
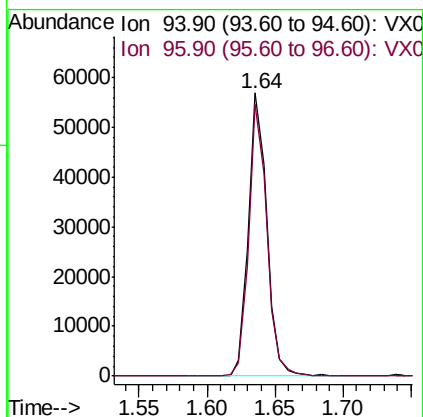
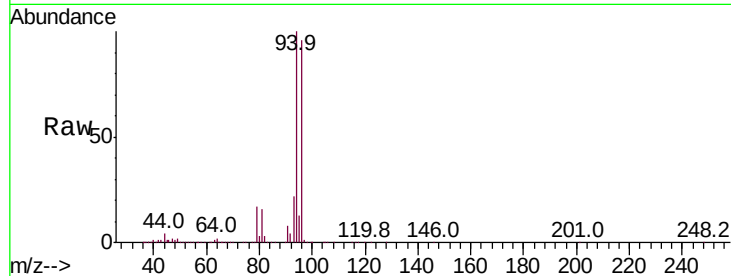
96 96.0 75.6 113.4

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#6

Chloroethane

Concen: 51.021 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010974.D

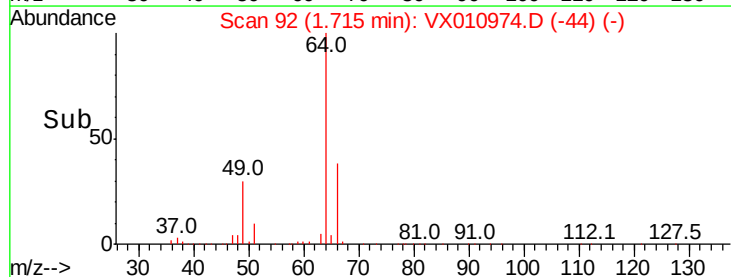
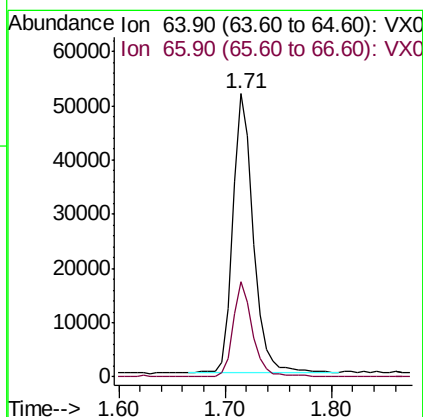
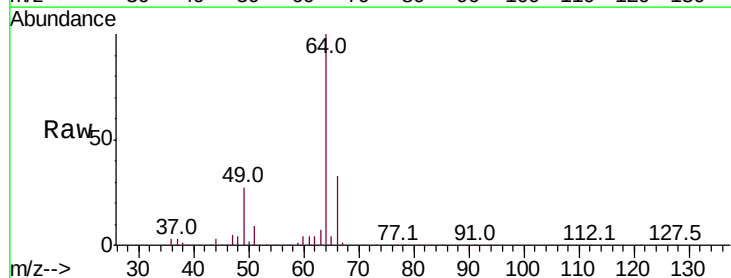
Acq: 18 Jul 2019 21:12

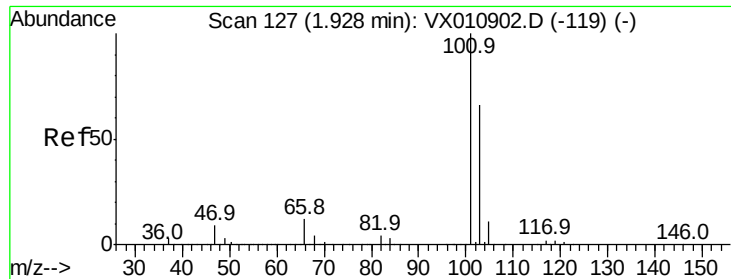
Tgt Ion: 64 Resp: 69616

Ion Ratio Lower Upper

64 100

66 33.8 27.0 40.6





#7

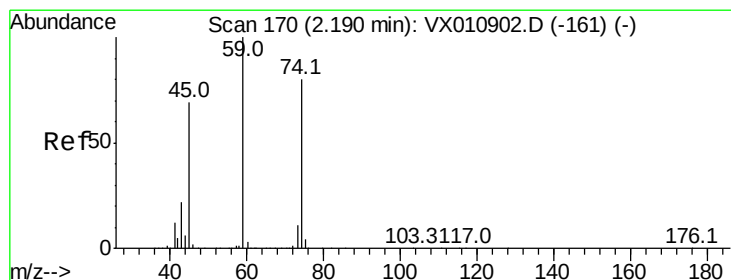
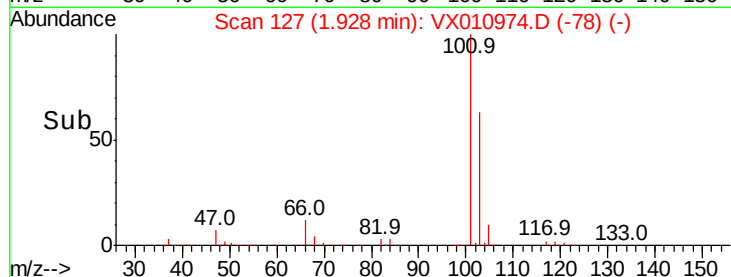
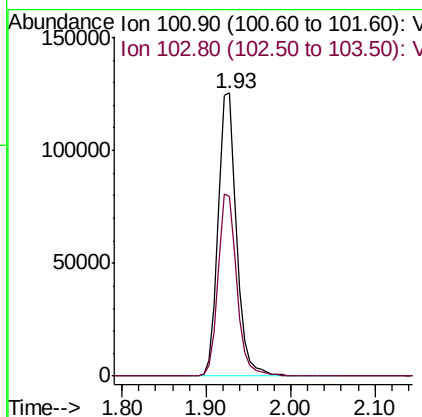
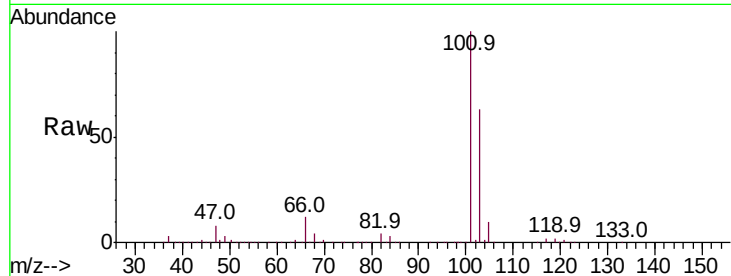
Trichlorofluoromethane
 Concen: 52.598 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

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 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	191168		
103	63.4	52.6	78.8	

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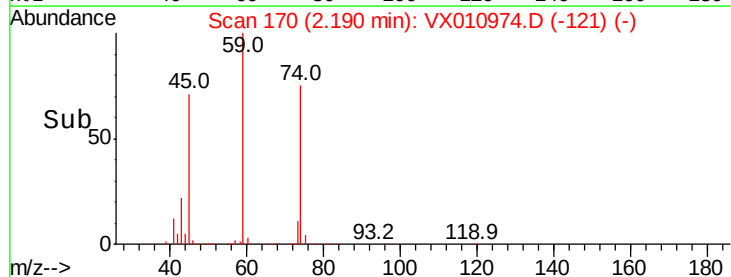
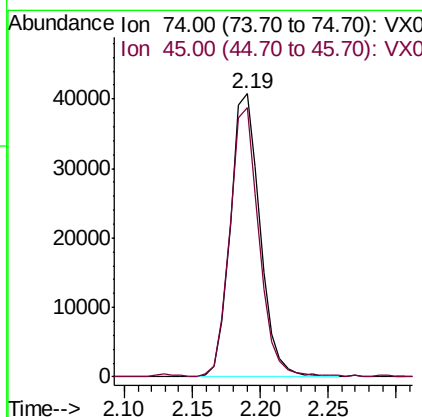
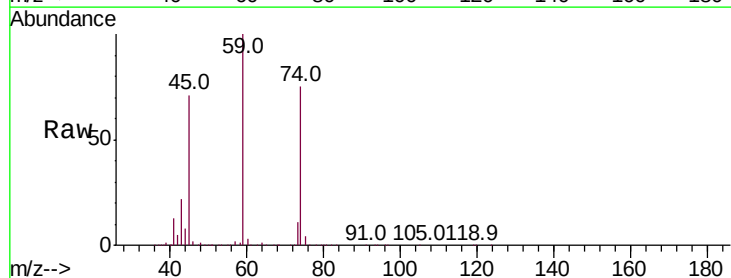
MMDadoda
 7/22/2019 12:23:48 PM

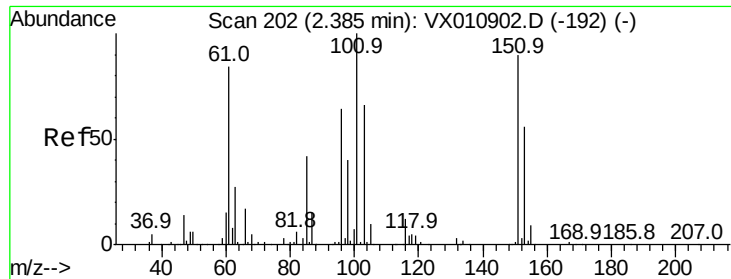


#8

Diethyl Ether
 Concen: 49.271 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	61699		
45	92.4	45.5	136.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.973 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

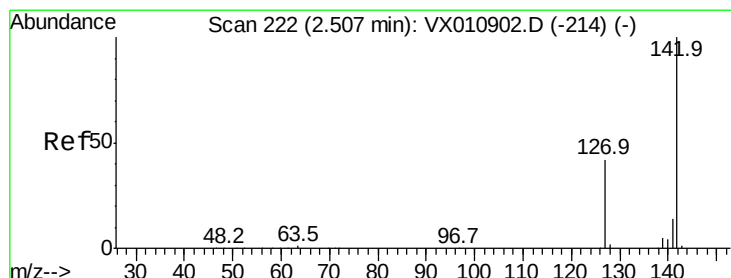
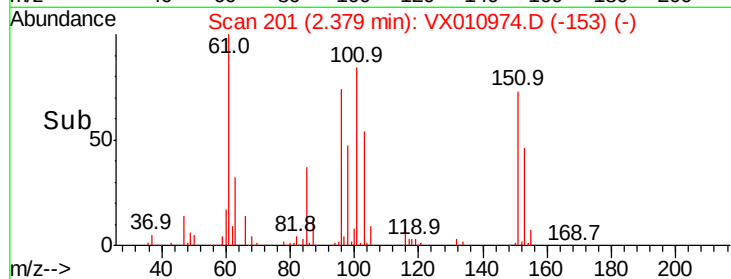
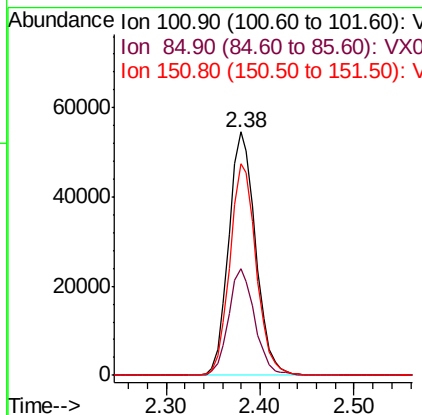
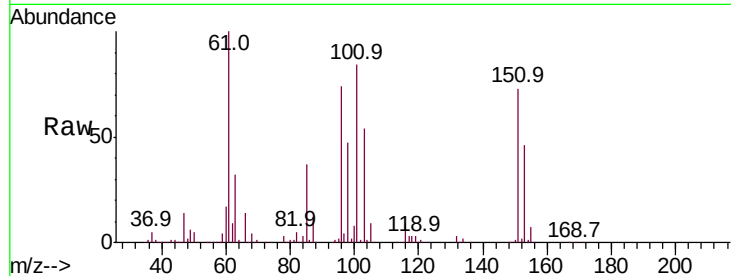
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	107854
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.6	52.0
151	85.1	69.6	104.4

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#10

Methyl Iodide

Concen: 49.818 ug/l

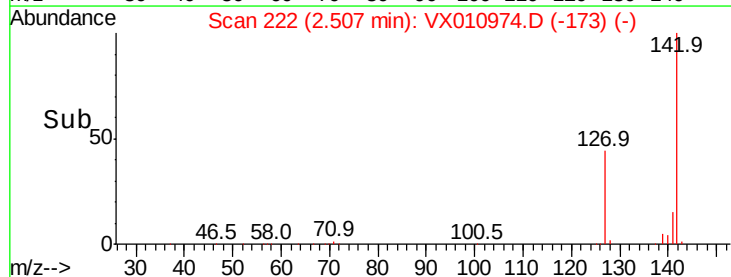
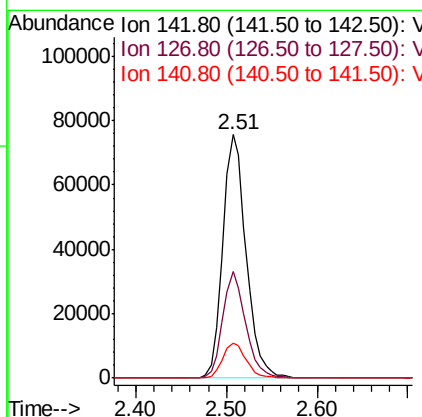
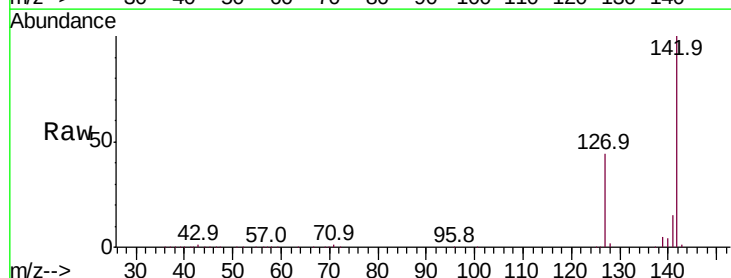
RT: 2.51 min Scan# 222

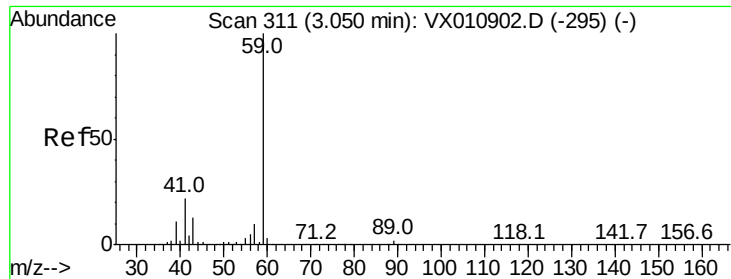
Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Tgt Ion:	142	Resp:	135668
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.2	51.4
141	14.6	11.7	17.5





#11

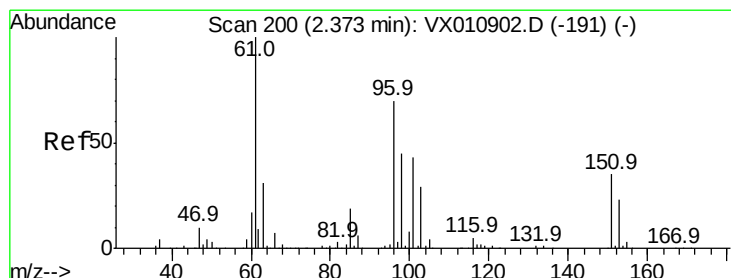
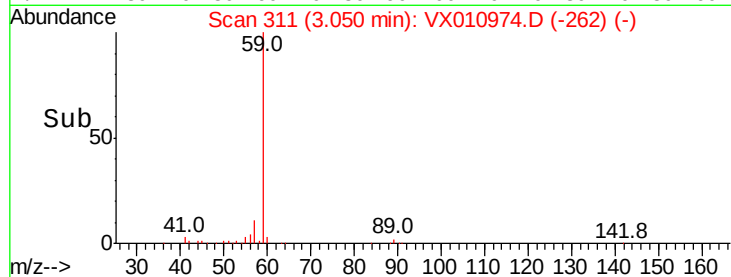
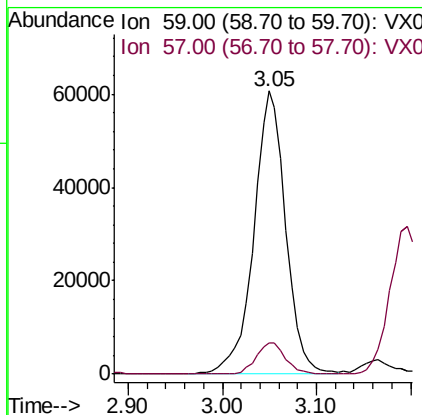
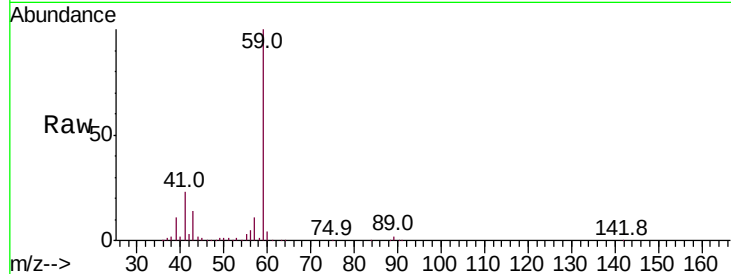
Tert butyl alcohol
Concen: 254.186 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	144158
Ion Ratio	100	Lower	Upper
57	10.4	7.9	11.9

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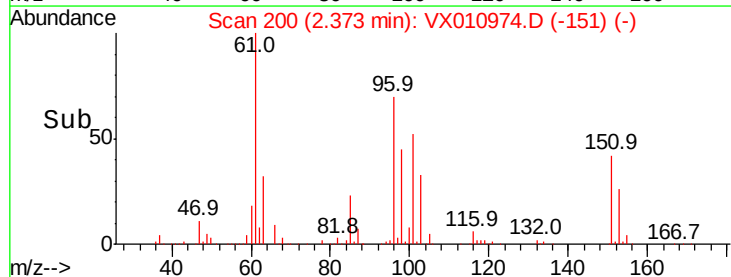
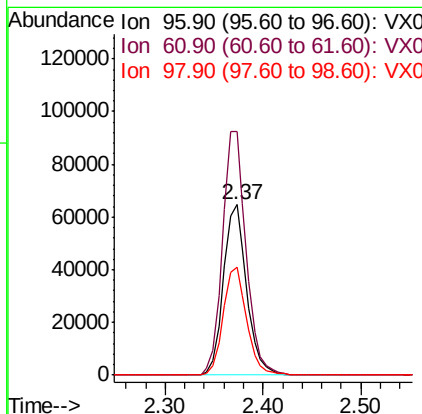
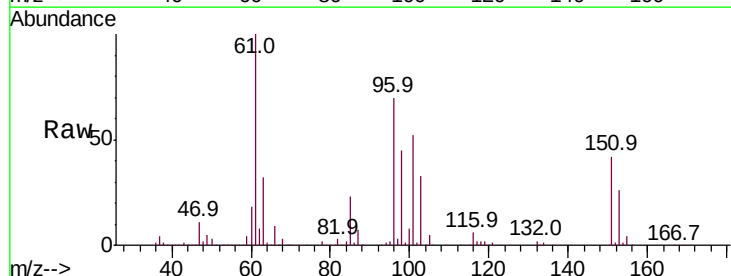
MMDadoda
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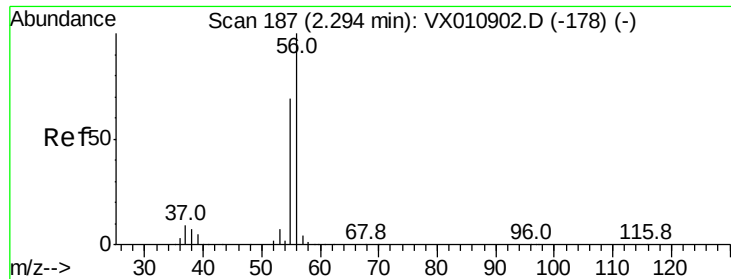


#12

1,1-Dichloroethene
Concen: 52.268 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	96	Resp	106570
Ion Ratio	100	Lower	Upper
61	142.3	115.0	172.4
98	63.6	52.2	78.2





#13

Acrolein

Concen: 236.716 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 77565

Ion Ratio Lower Upper

56 100

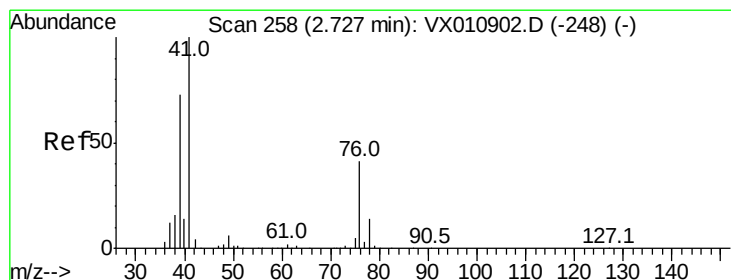
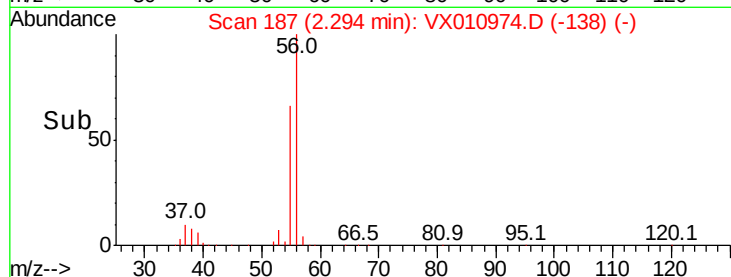
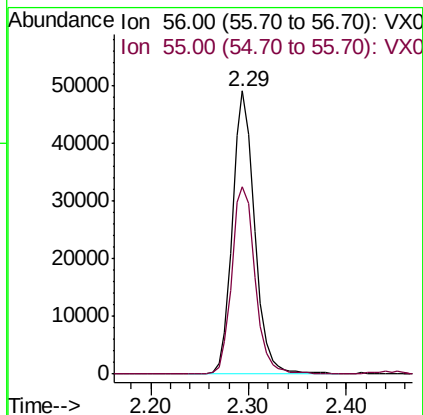
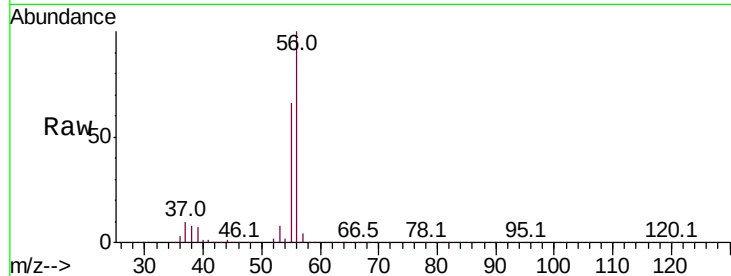
55 69.7 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 51.420 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

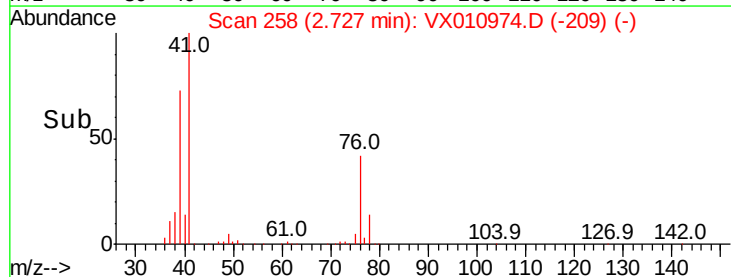
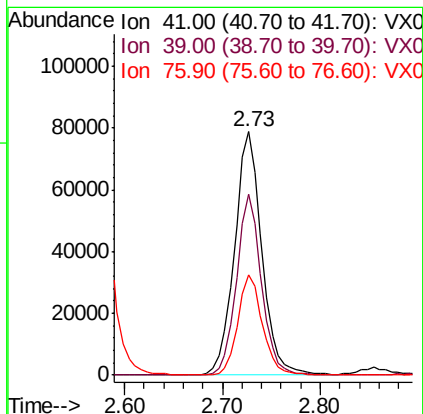
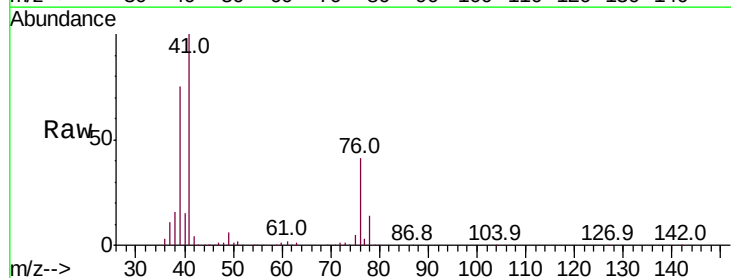
Tgt Ion: 41 Resp: 152285

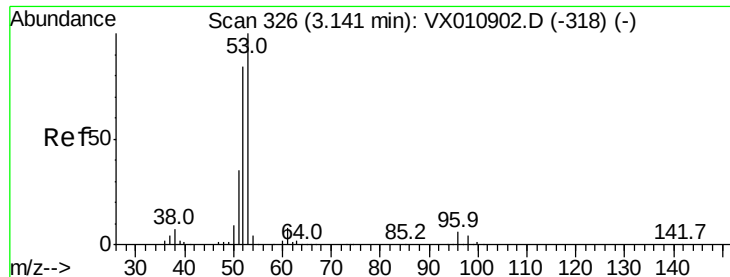
Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 36.7 29.7 44.5





#15

Acrylonitrile

Concen: 260.354 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

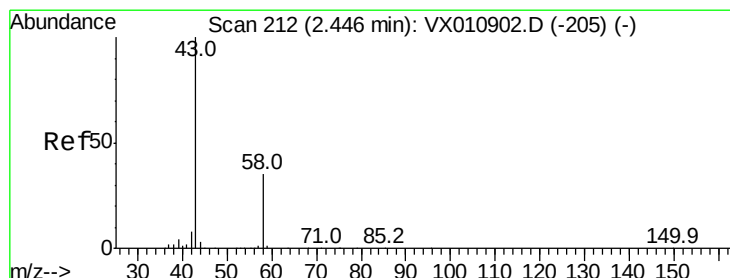
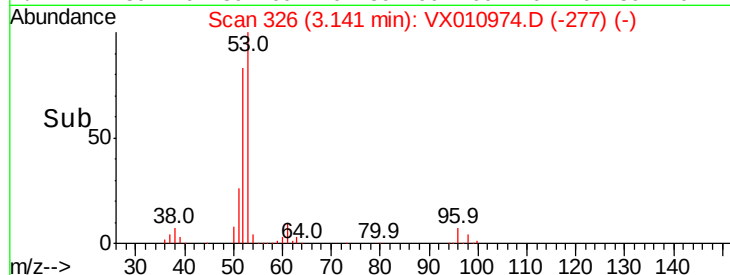
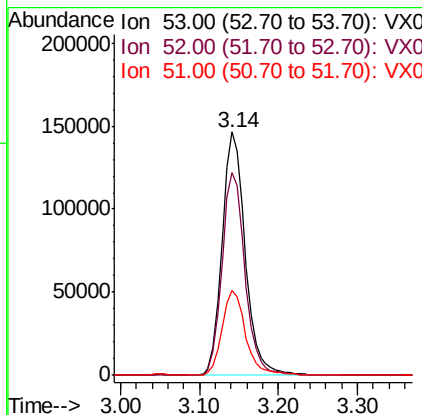
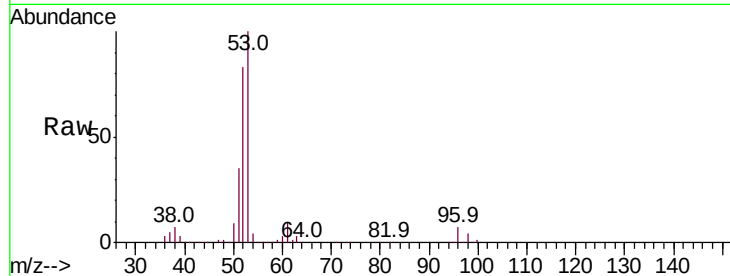
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	298367
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.5	99.7
51	35.7	28.2	42.4

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#16

Acetone

Concen: 228.305 ug/l

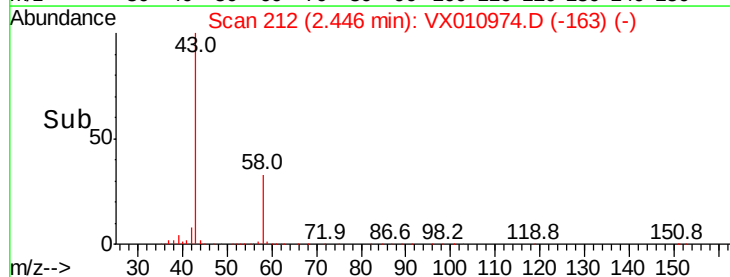
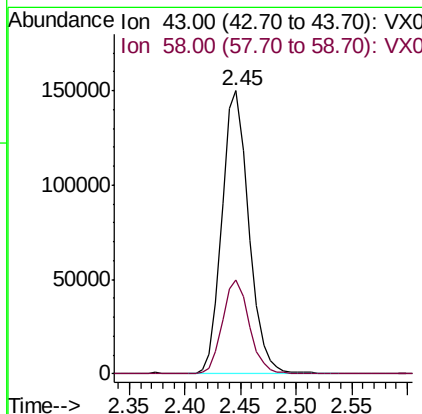
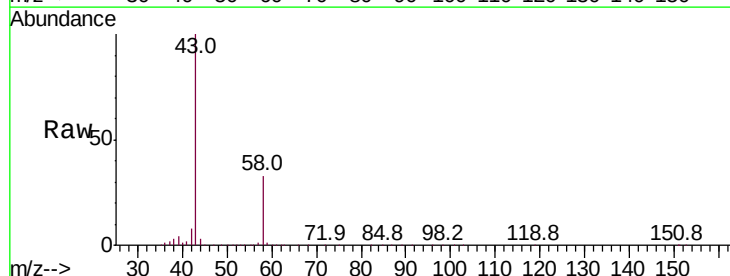
RT: 2.45 min Scan# 212

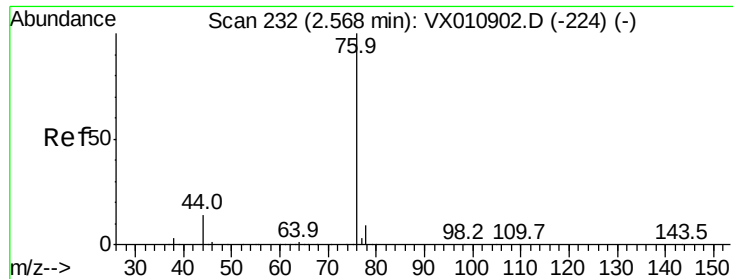
Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Tgt Ion:	43	Resp:	251102
Ion Ratio	Lower	Upper	
43	100		
58	33.2	27.7	41.5





#17

Carbon Disulfide

Concen: 49.871 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 260828

Ion Ratio Lower Upper

76 100

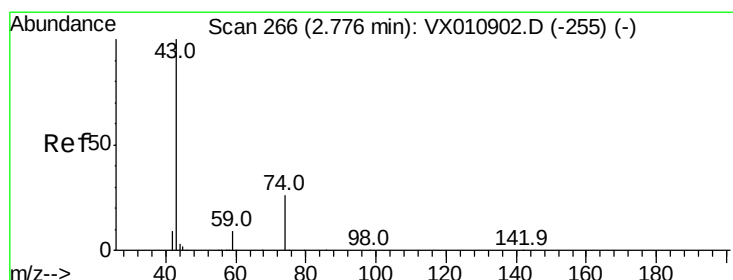
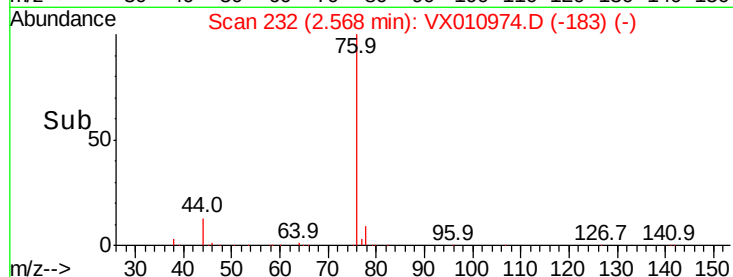
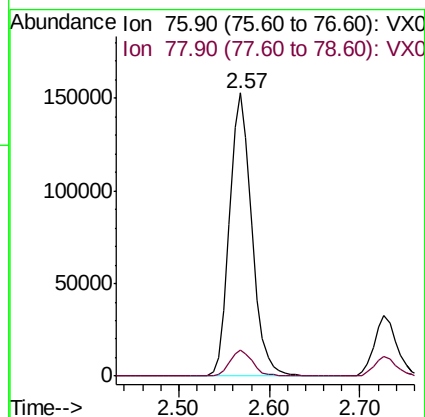
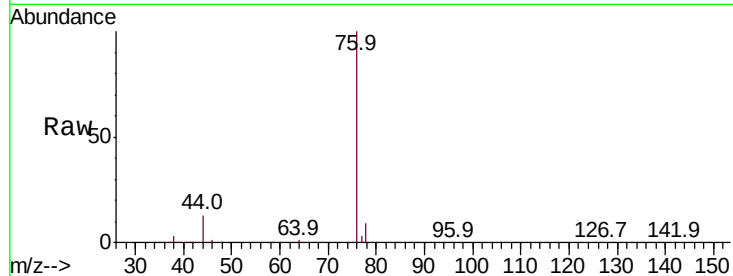
78 9.2 7.4 11.0

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#18

Methyl Acetate

Concen: 52.430 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010974.D

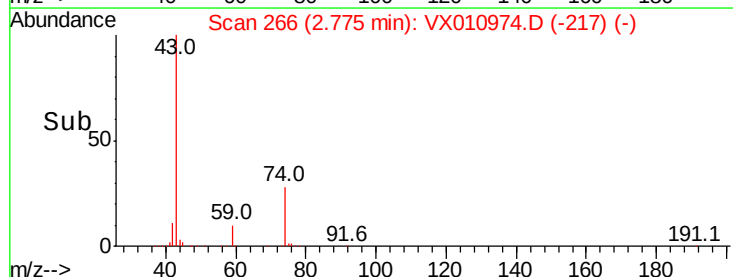
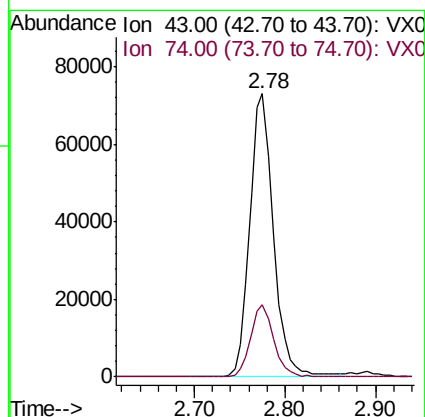
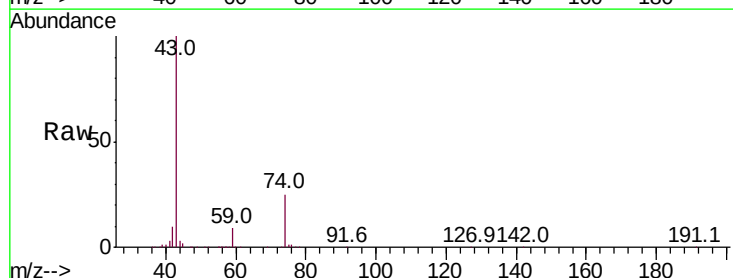
Acq: 18 Jul 2019 21:12

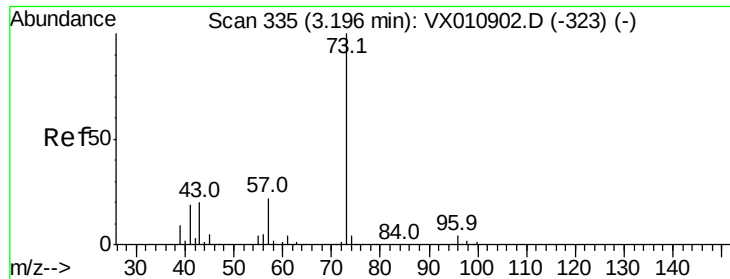
Tgt Ion: 43 Resp: 131305

Ion Ratio Lower Upper

43 100

74 25.5 21.5 32.3





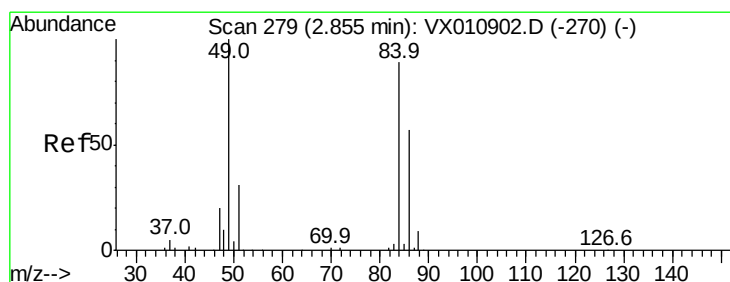
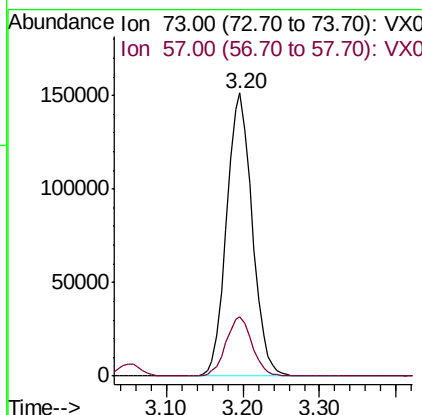
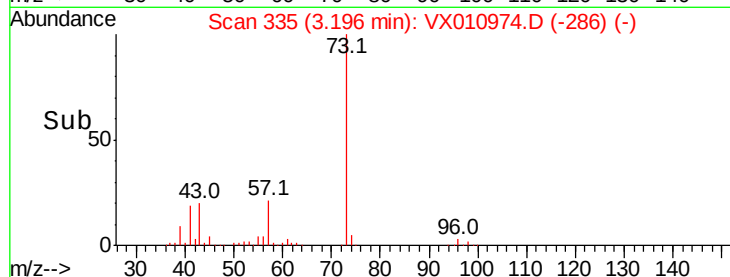
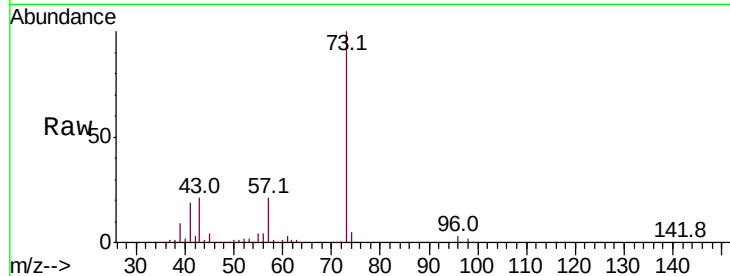
#19
Methyl tert-butyl Ether
Concen: 53.306 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 349884
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

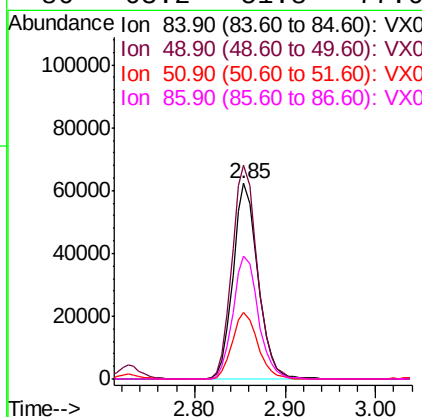
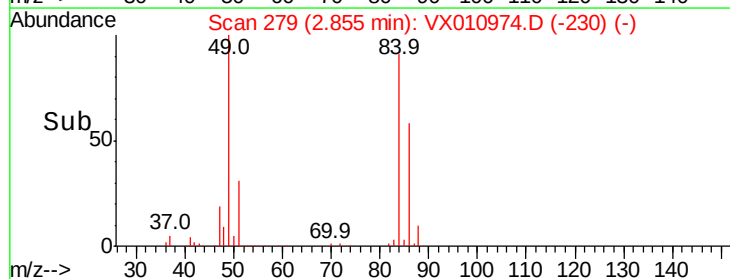
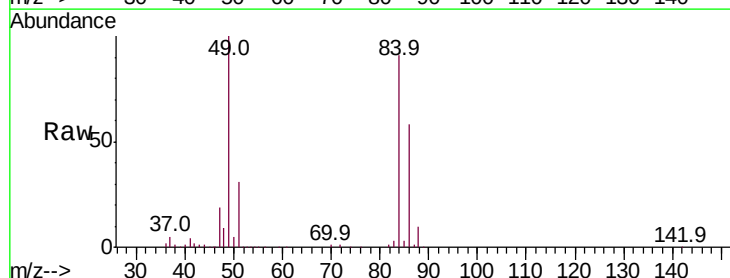
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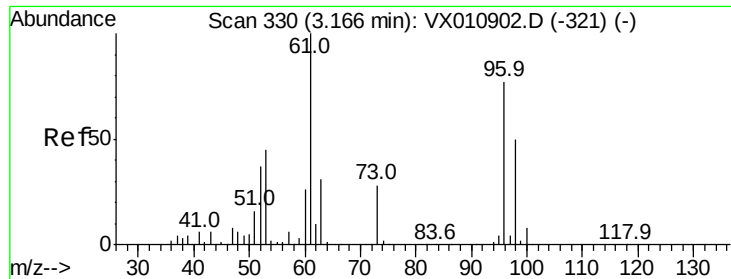
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#20
Methylene Chloride
Concen: 50.918 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 84 Resp: 118681
Ion Ratio Lower Upper
84 100
49 109.3 89.9 134.9
51 34.2 27.8 41.6
86 63.2 51.8 77.6





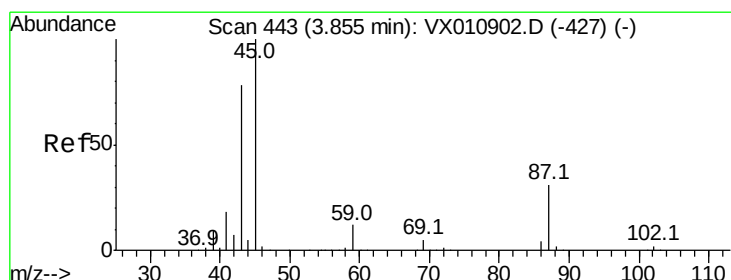
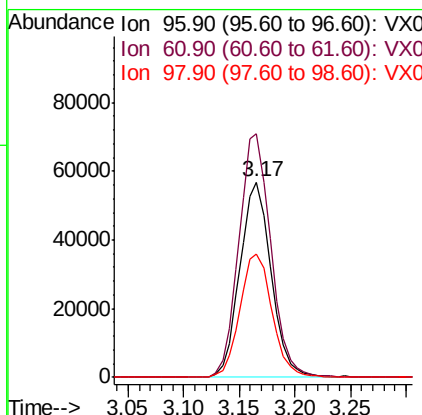
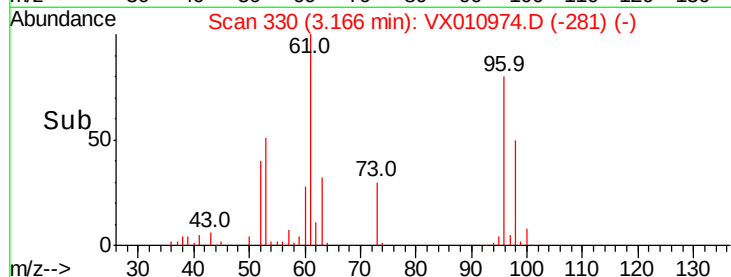
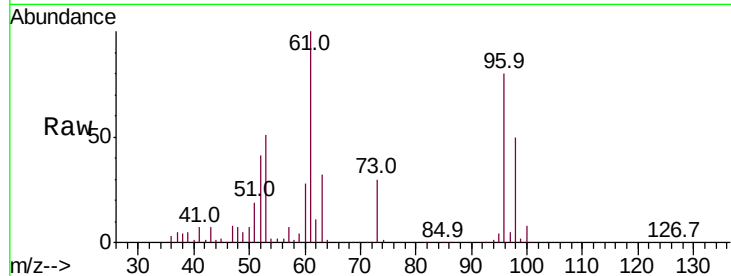
#21
trans-1,2-Dichloroethene
Concen: 51.339 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.4	104.2	156.2
98	62.8	52.2	78.4

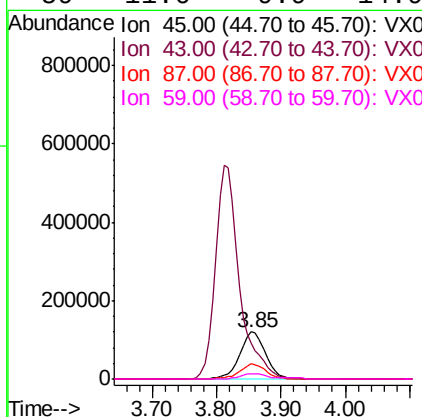
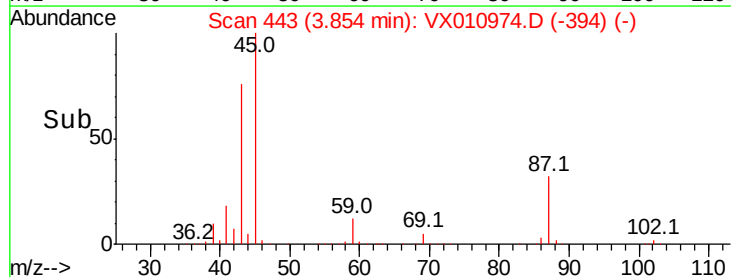
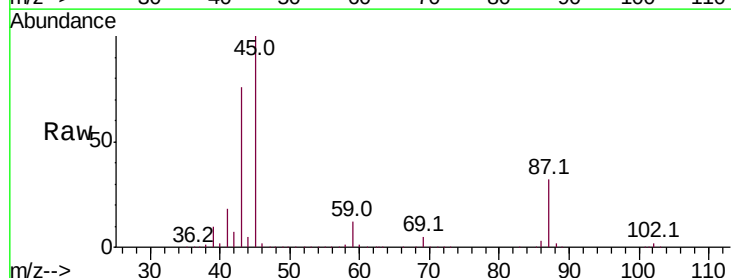
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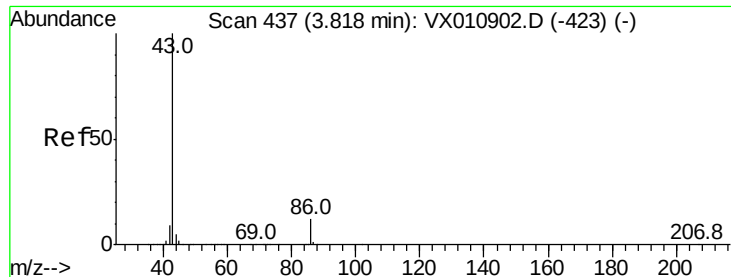
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#22
Diisopropyl ether
Concen: 52.600 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.4	62.3	93.5
87	31.7	25.0	37.4
59	11.6	9.9	14.9





#23

Vinyl Acetate

Concen: 269.962 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1428740

Ion Ratio Lower Upper

43 100

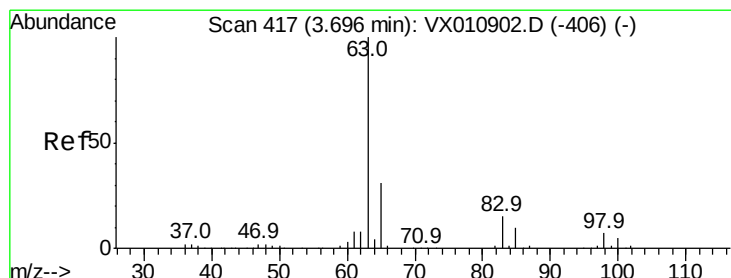
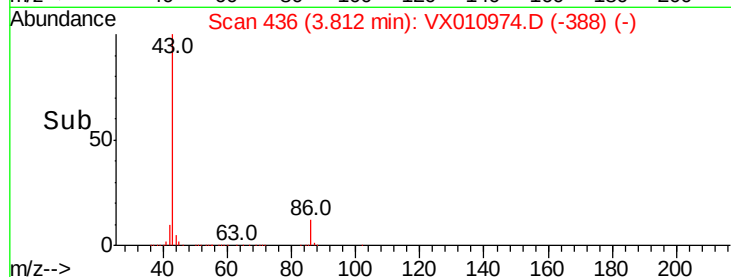
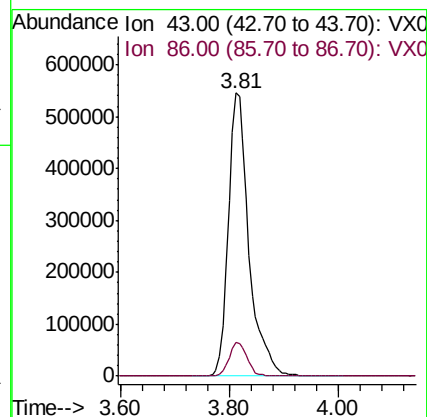
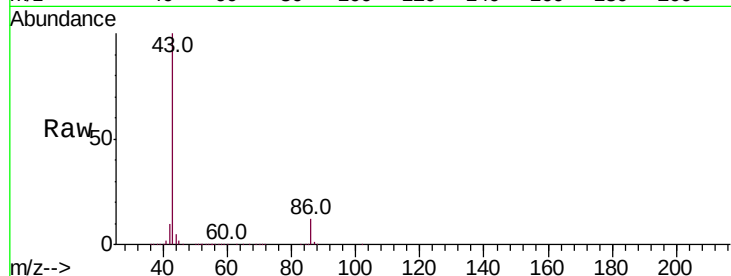
86 11.7 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.870 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

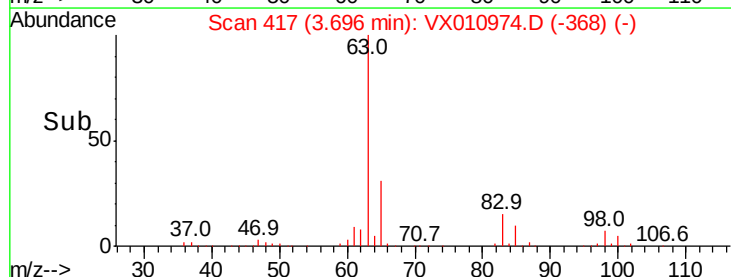
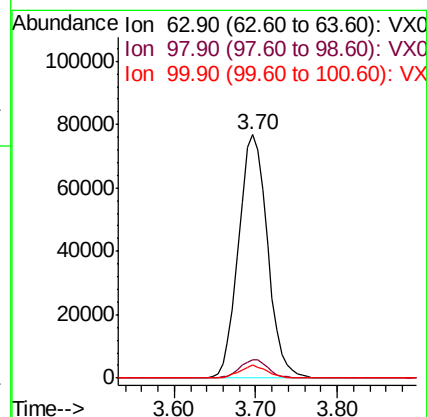
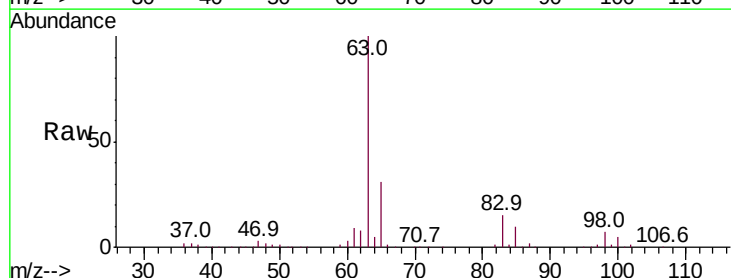
Tgt Ion: 63 Resp: 188160

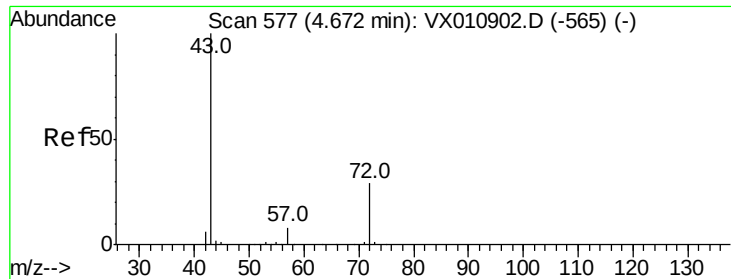
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 261.267 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 412496

Ion Ratio Lower Upper

43 100

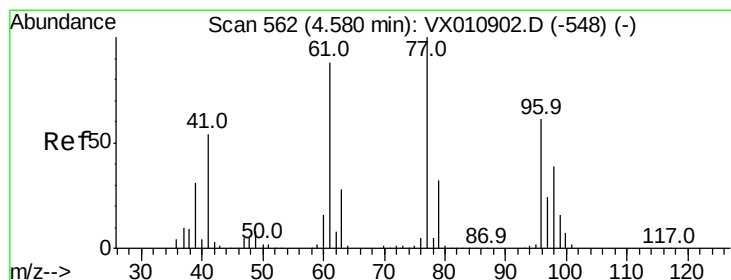
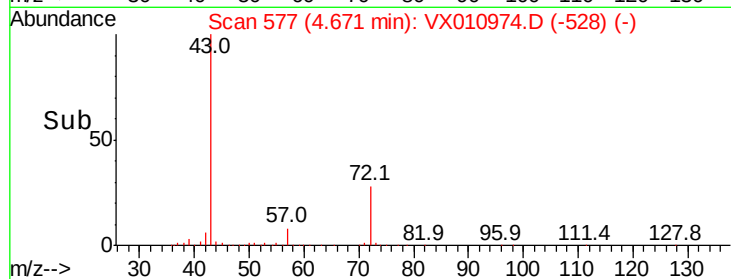
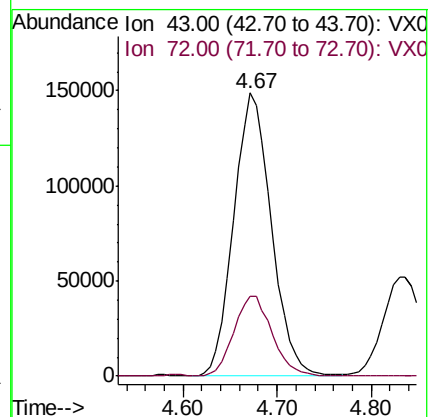
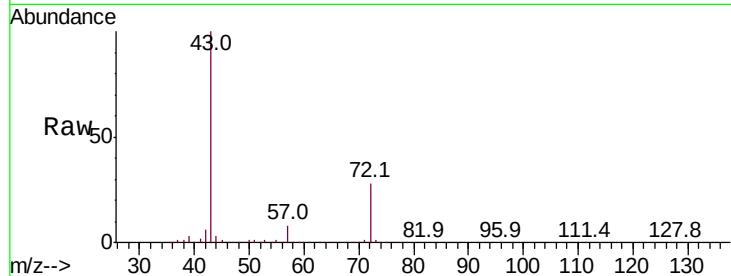
72 28.2 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.751 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010974.D

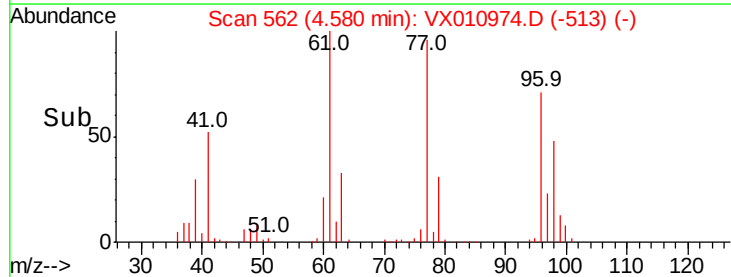
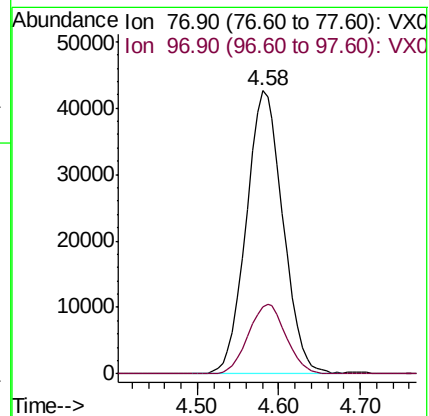
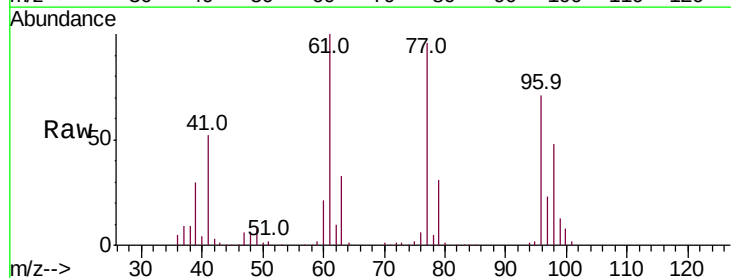
Acq: 18 Jul 2019 21:12

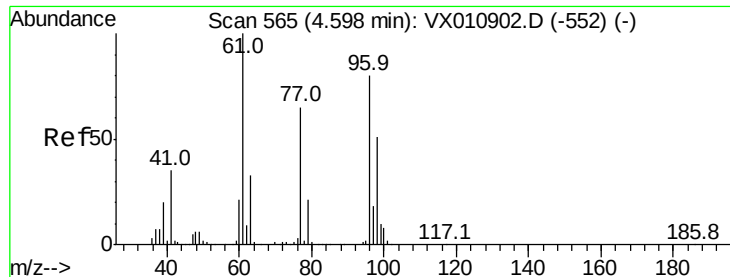
Tgt Ion: 77 Resp: 133292

Ion Ratio Lower Upper

77 100

97 25.3 12.6 37.6





#27

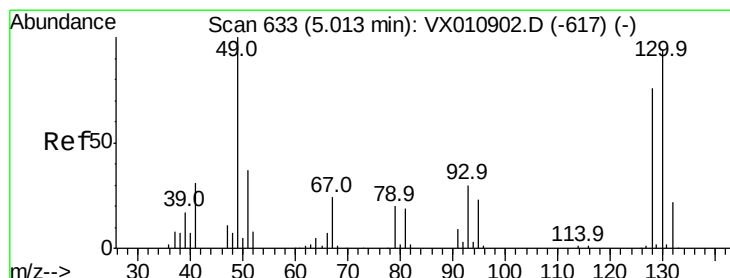
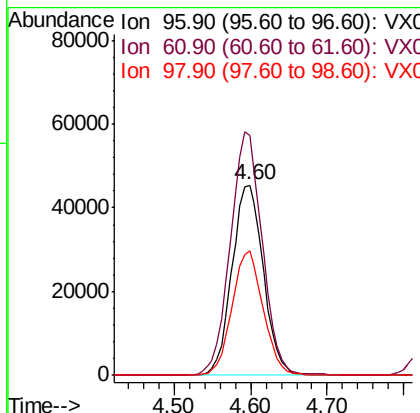
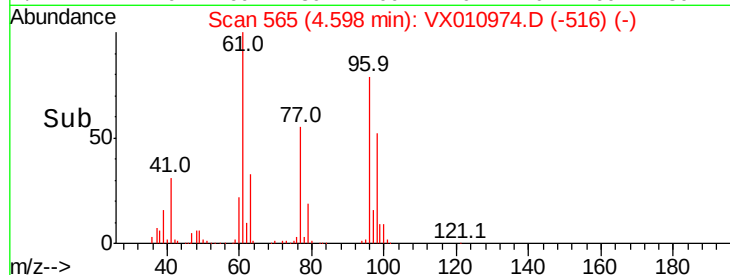
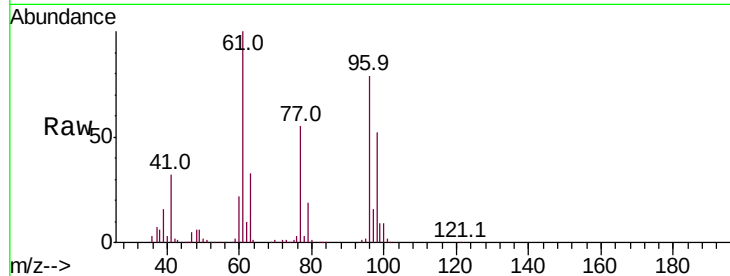
cis-1,2-Dichloroethene
 Concen: 51.551 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	129070		
61	130.6	0.0	269.0	
98	64.9	0.0	131.4	

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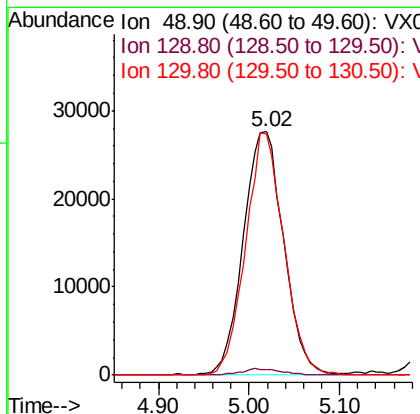
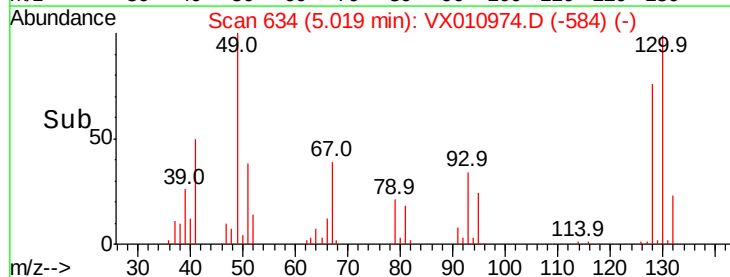
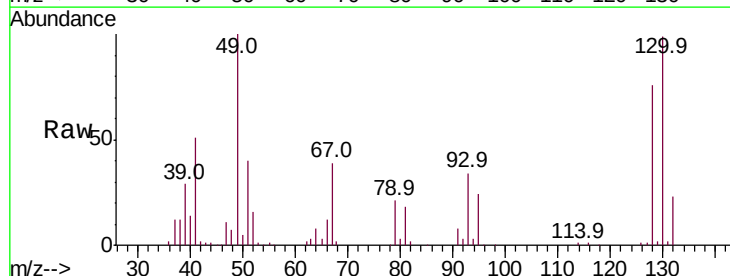
MMDadoda
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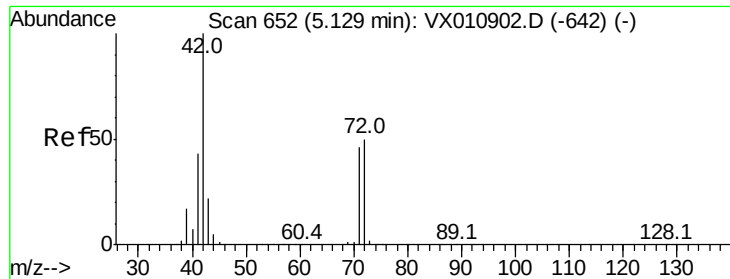


#28

Bromochloromethane
 Concen: 49.464 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	84554		
129	2.6	0.0	5.2	
130	95.0	76.9	115.3	





#29

Tetrahydrofuran

Concen: 264.424 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

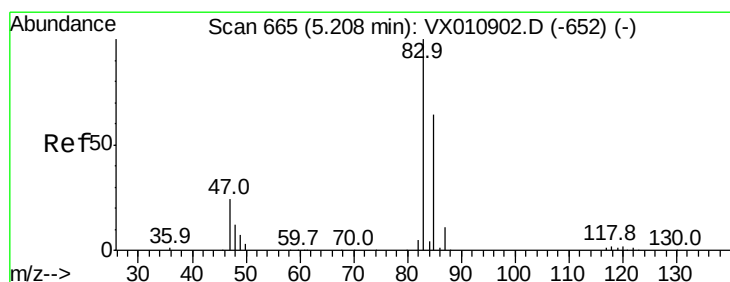
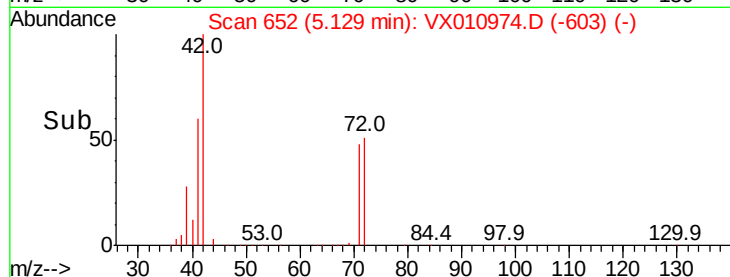
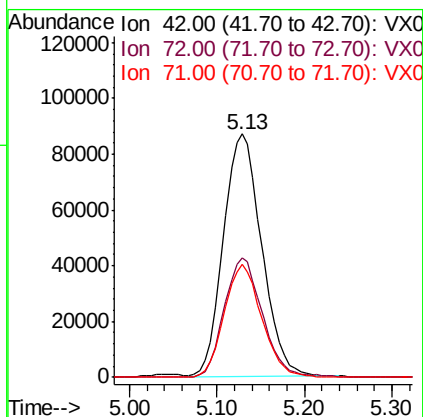
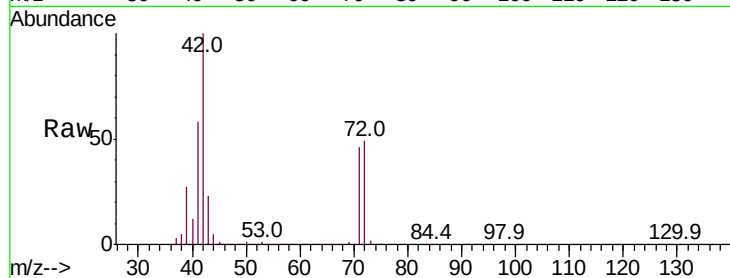
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	264448
Ion Ratio	Lower	Upper	
42	100		
72	49.5	39.8	59.8
71	45.8	37.0	55.4

Manual Integrations
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#30

Chloroform

Concen: 52.259 ug/l

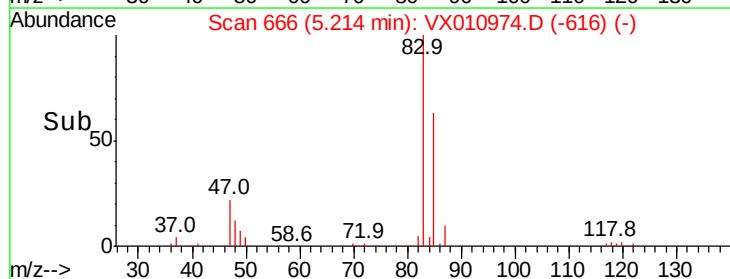
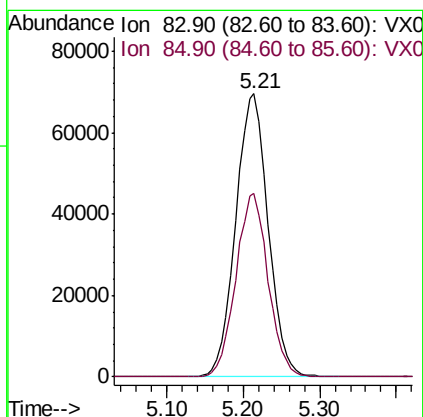
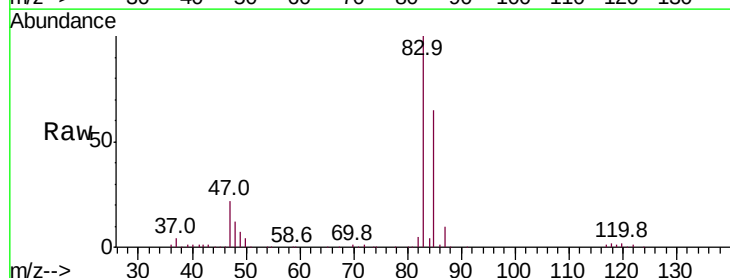
RT: 5.21 min Scan# 666

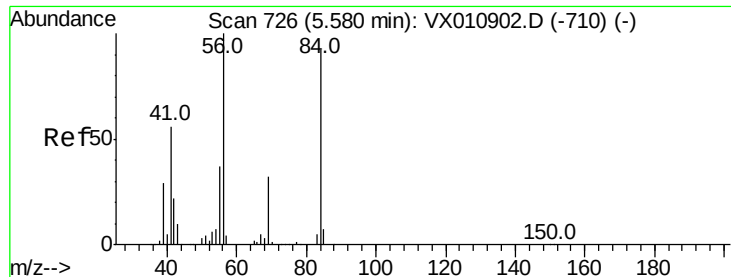
Delta R.T. 0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Tgt Ion:	83	Resp:	204903
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.4	77.0





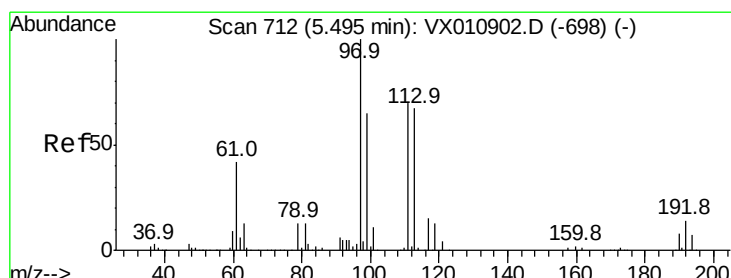
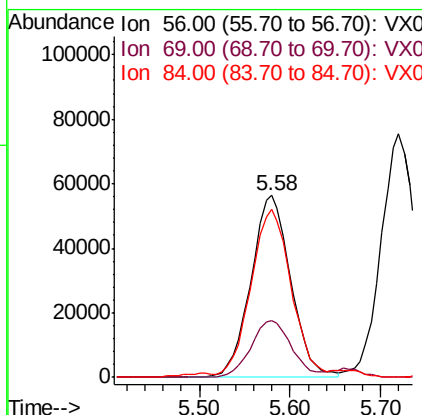
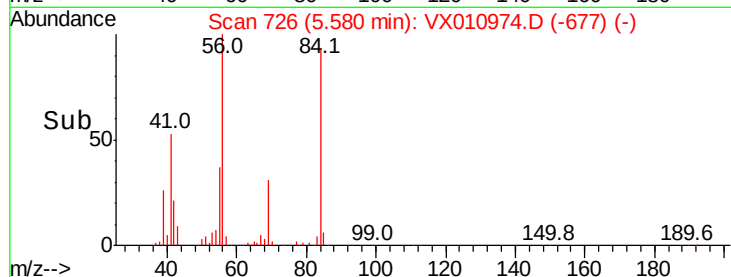
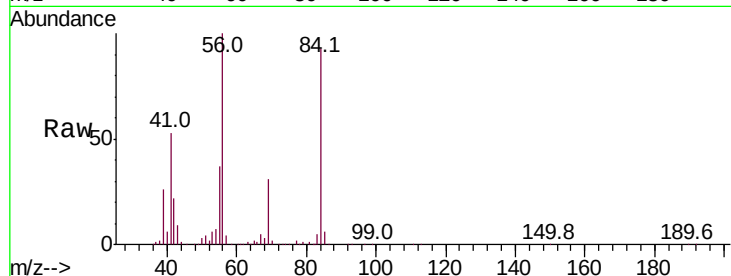
#31
Cyclohexane
Concen: 51.737 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.8	38.8
84	90.8	73.8	110.6

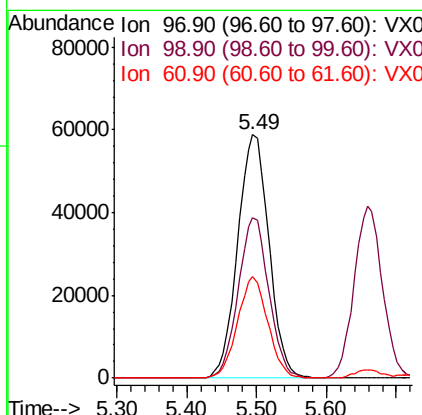
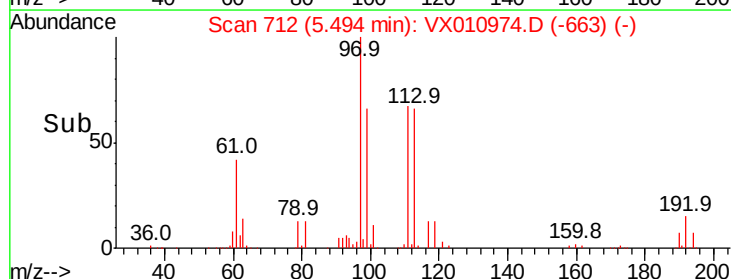
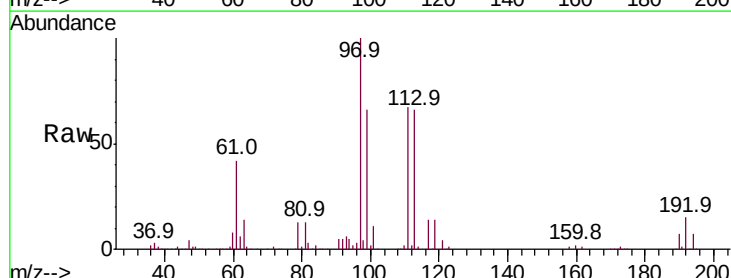
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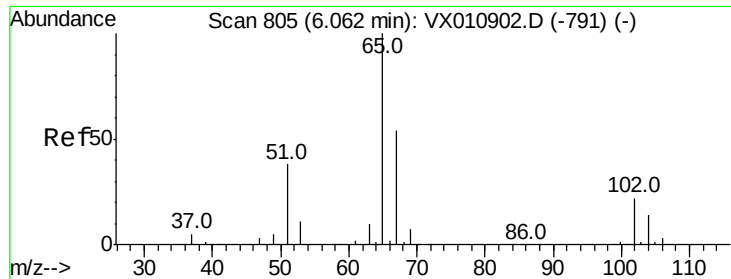
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#32
1,1,1-Trichloroethane
Concen: 53.794 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	40.7	33.0	49.6





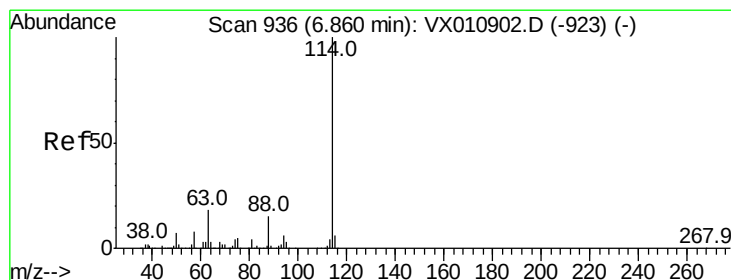
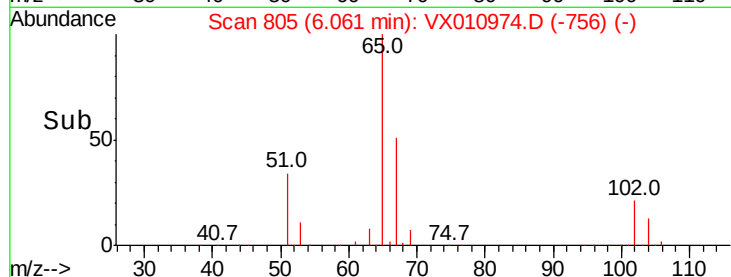
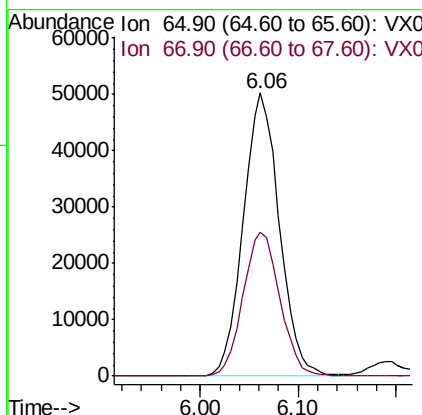
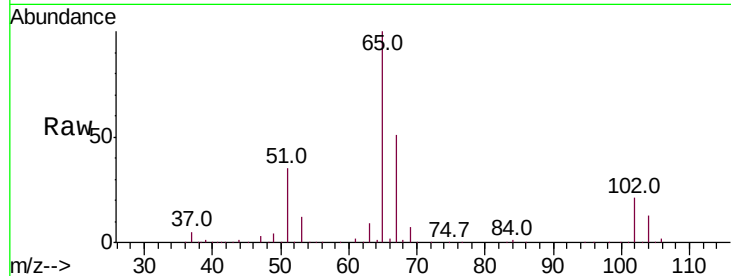
#33
 1,2-Dichloroethane-d4
 Concen: 52.828 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.8

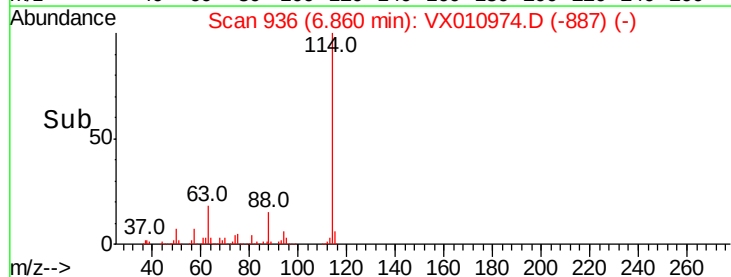
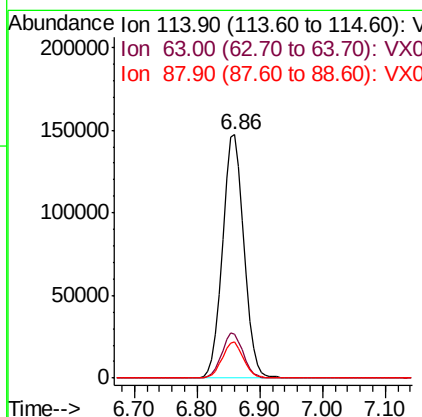
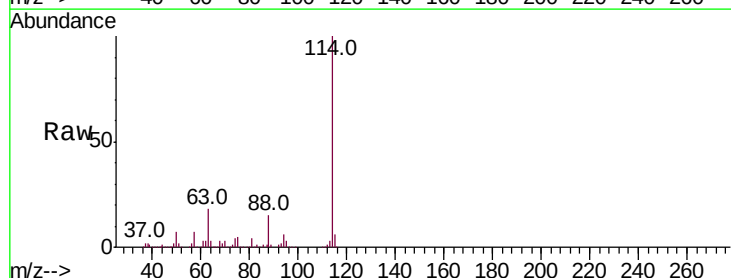
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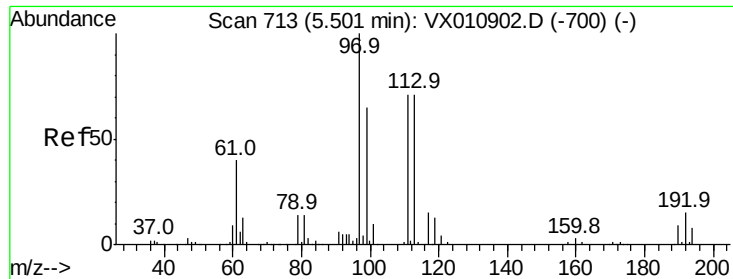
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.6
88	15.1	0.0	29.8





#35

Dibromofluoromethane

Concen: 50.980 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

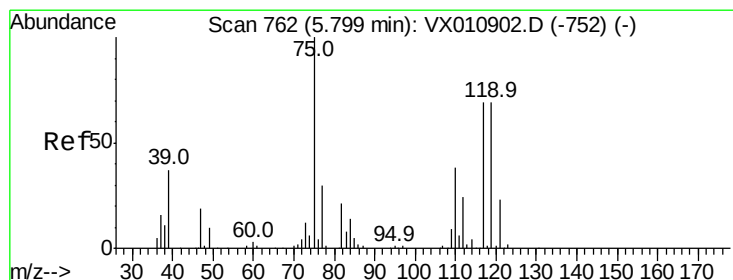
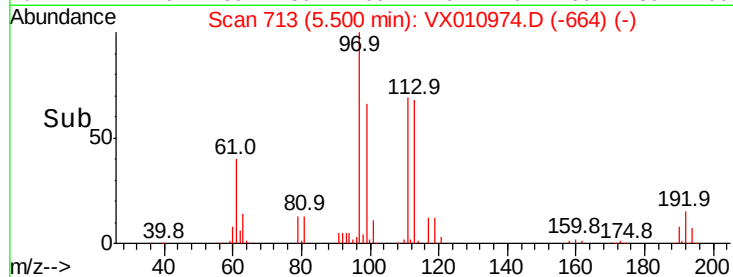
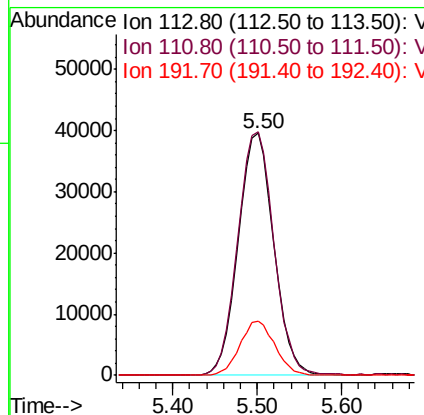
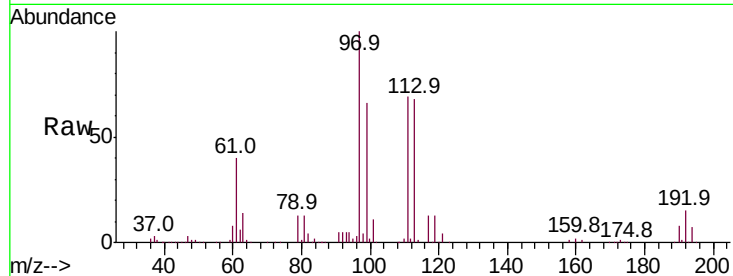
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	112763
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	22.2	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 51.437 ug/l

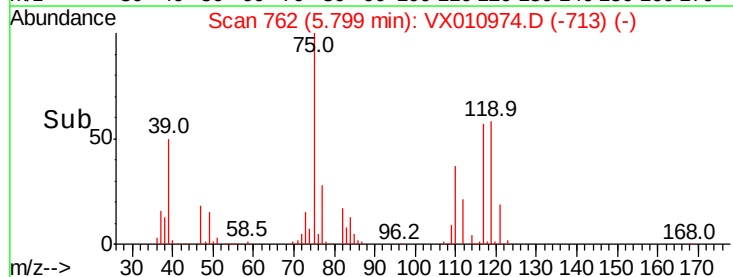
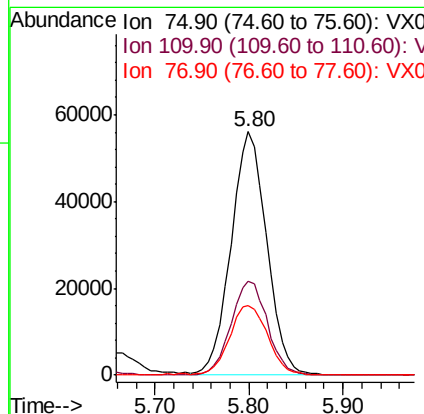
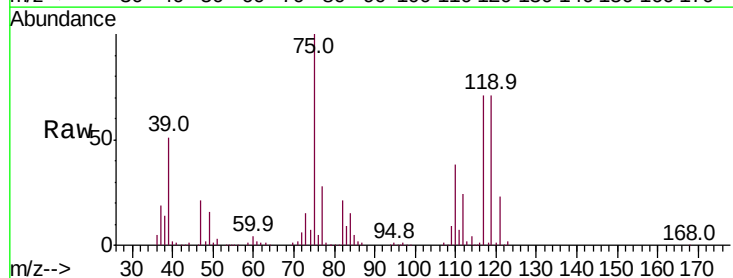
RT: 5.80 min Scan# 762

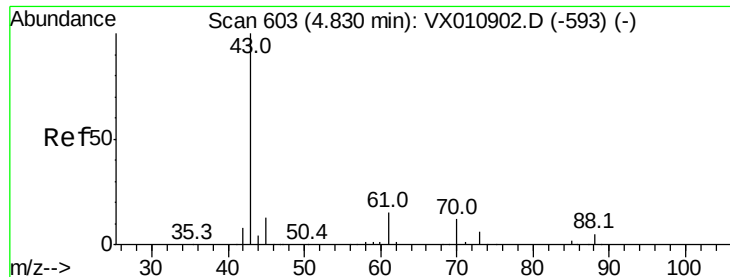
Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Tgt Ion:	75	Resp:	147237
Ion	Ratio	Lower	Upper
75	100		
110	39.6	19.9	59.7
77	30.8	25.0	37.4





#37

Ethyl Acetate

Concen: 53.214 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

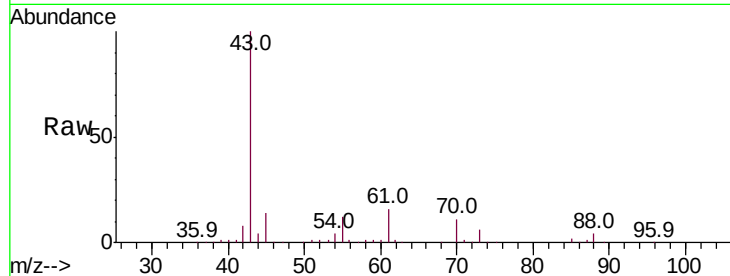
ClientSampleId :

VSTDCCC050EC

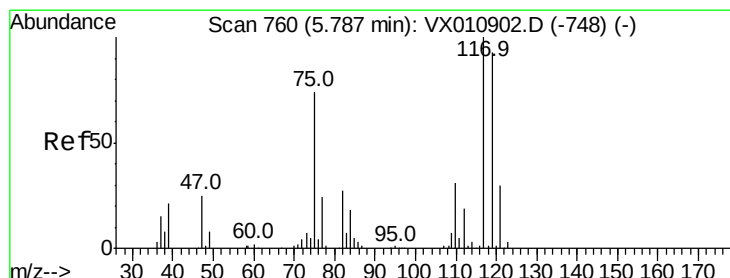
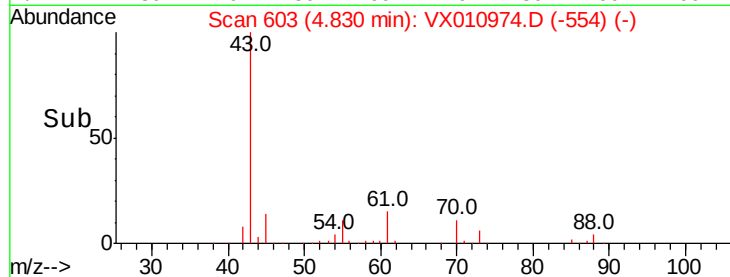
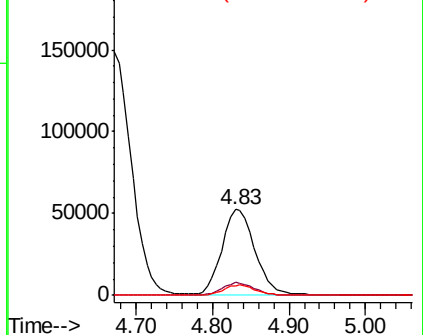
Tot Ion	43	Resp	155976
Ion Ratio	Lower	Upper	
43	100		
61	15.0	11.6	17.4
70	11.6	9.1	13.7

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



#38

Carbon Tetrachloride

Concen: 52.906 ug/l

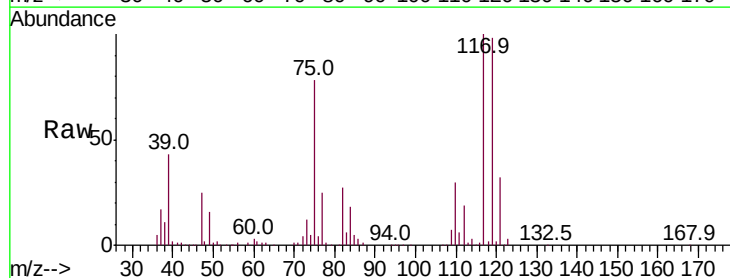
RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

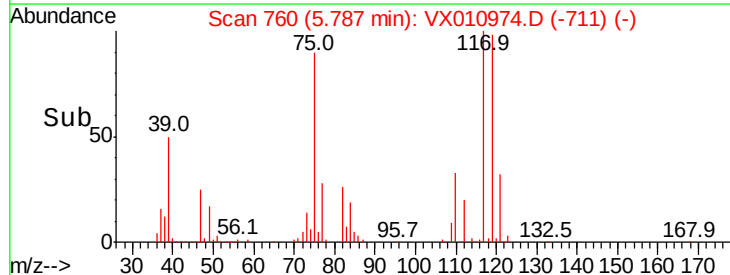
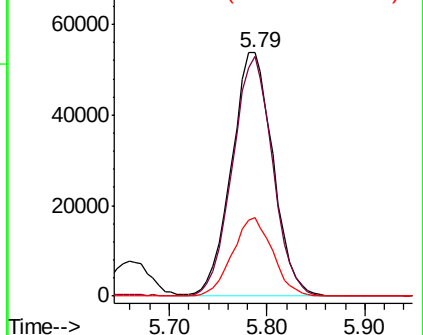
Lab File: VX010974.D

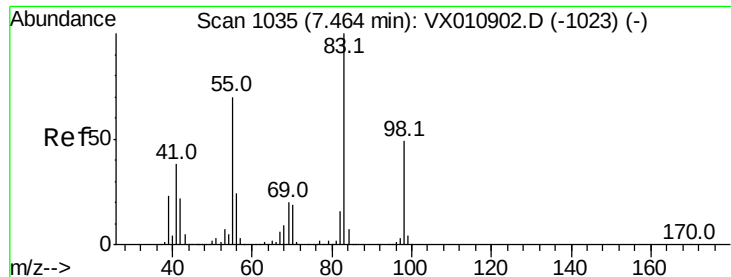
Acq: 18 Jul 2019 21:12

Tgt Ion	117	Resp	157811
Ion Ratio	Lower	Upper	
117	100		
119	98.3	74.2	111.2
121	32.1	24.2	36.2



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





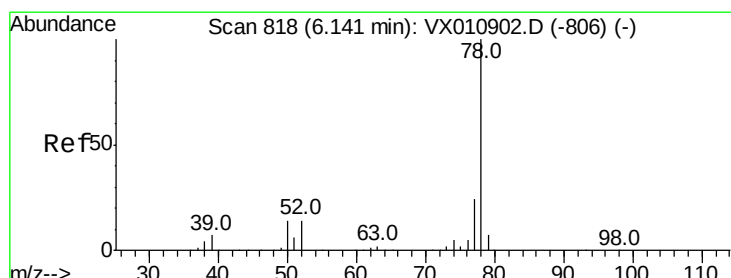
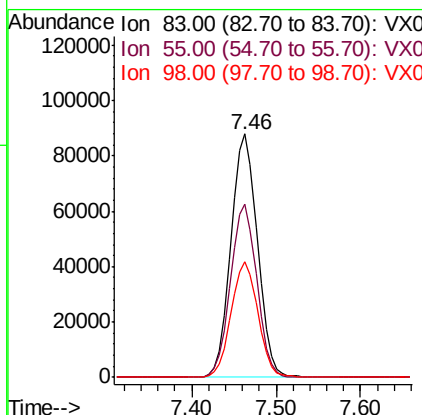
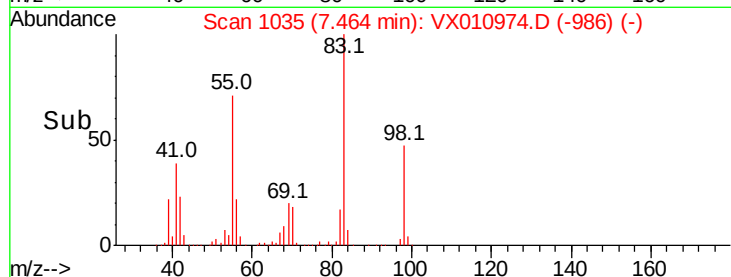
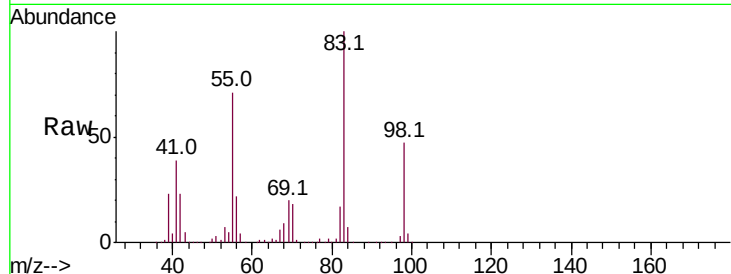
#39
Methylvlcyclohexane
Concen: 50.405 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.1	56.2	84.4
98	47.3	39.0	58.4

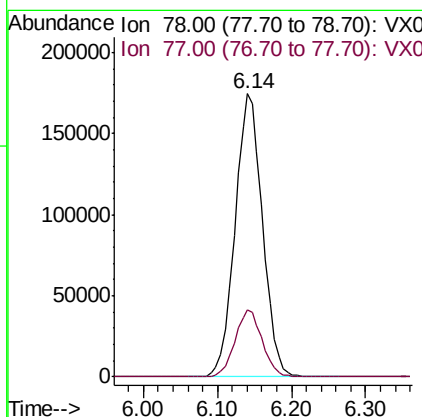
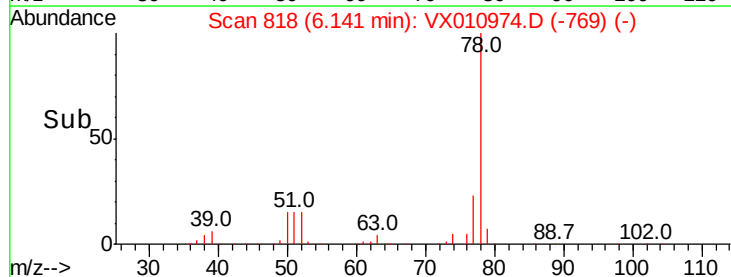
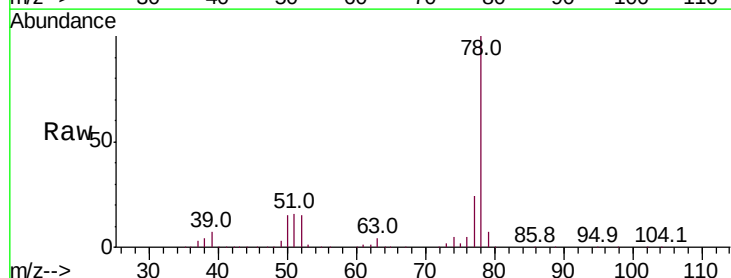
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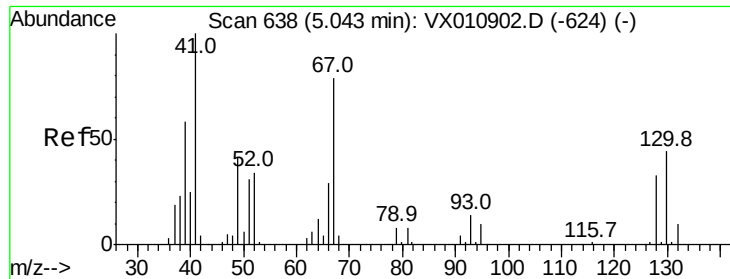
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#40
Benzene
Concen: 51.207 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





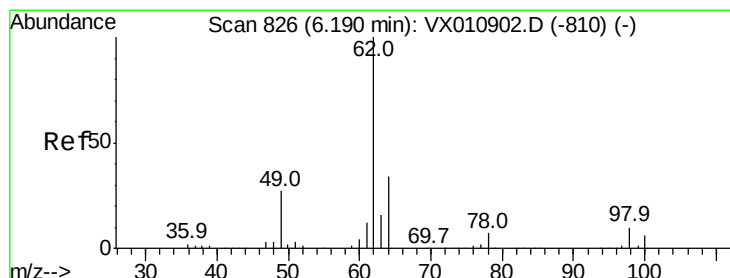
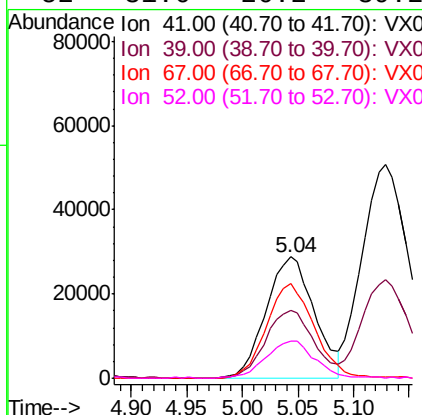
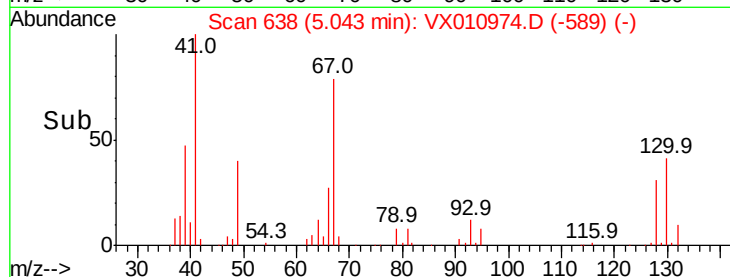
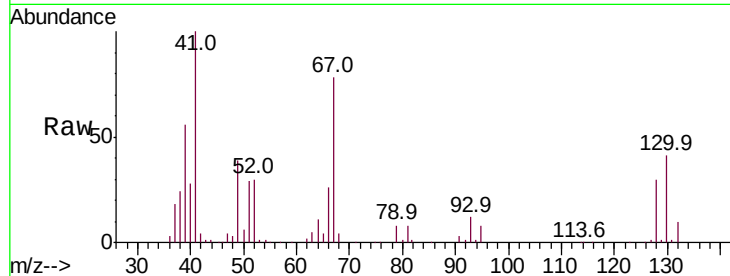
#41
Methacrylonitrile
Concen: 52.246 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.4	68.2
67	77.9	65.9	98.9
52	31.6	26.2	39.2

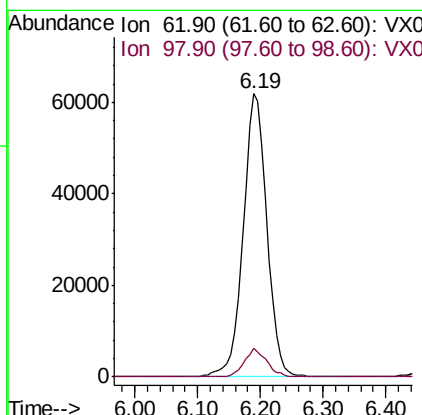
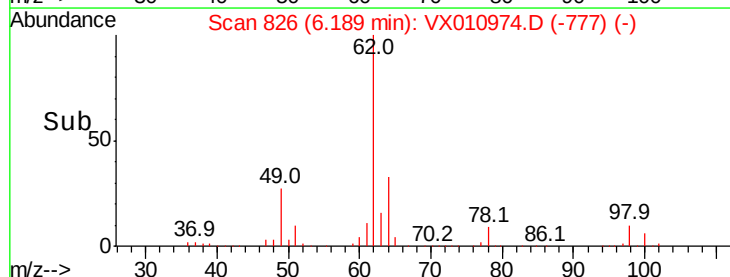
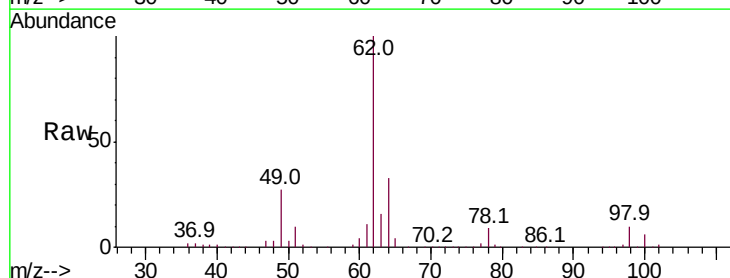
Manual Integrations
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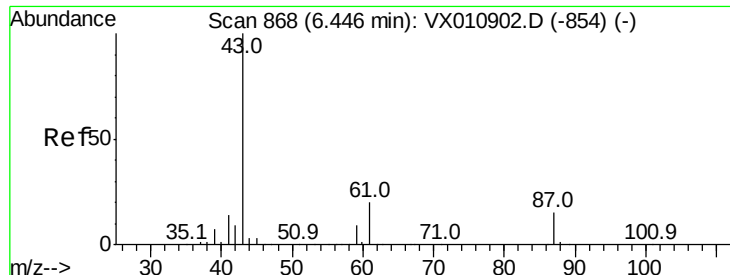
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.959 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.0





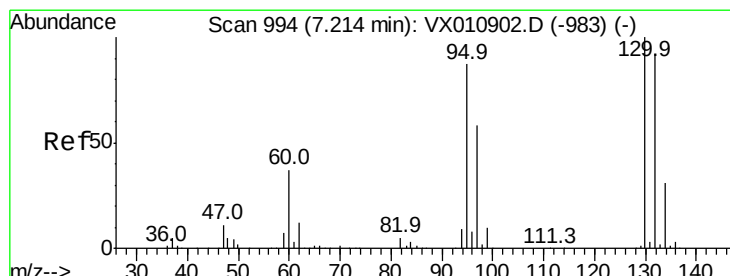
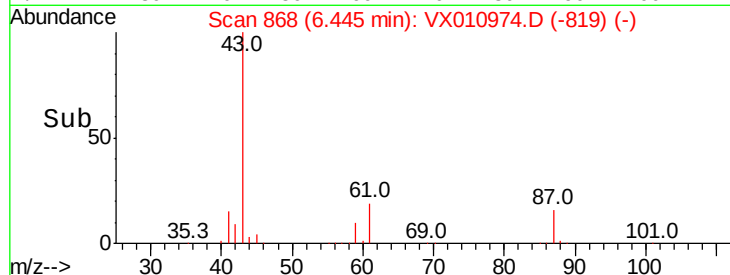
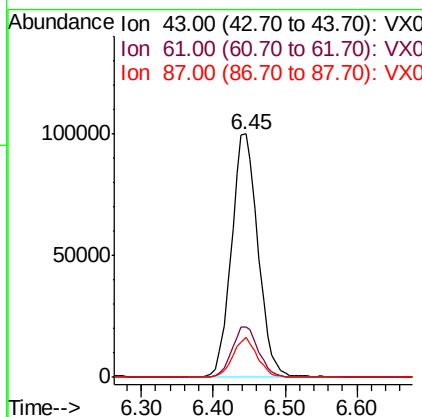
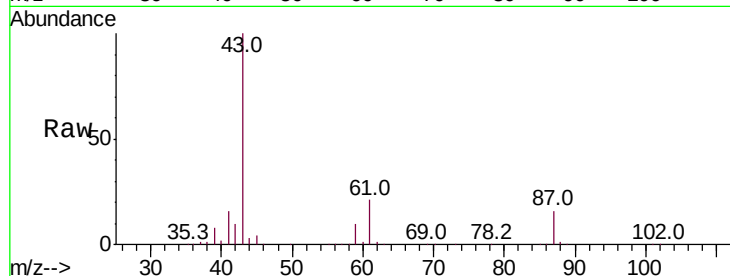
#43
Isopropyl Acetate
Concen: 52.996 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.1	25.7
87	15.1	12.0	18.0

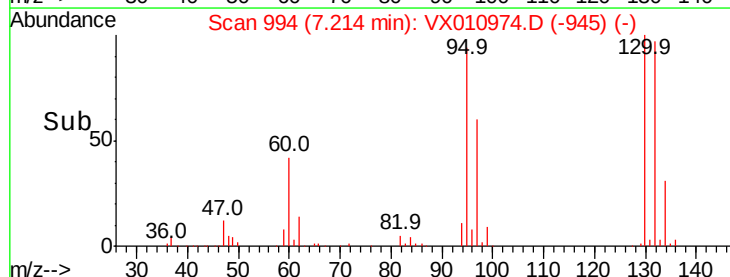
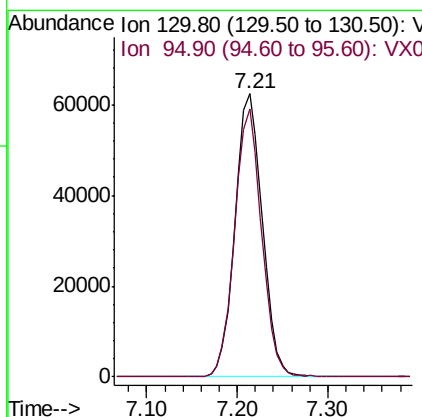
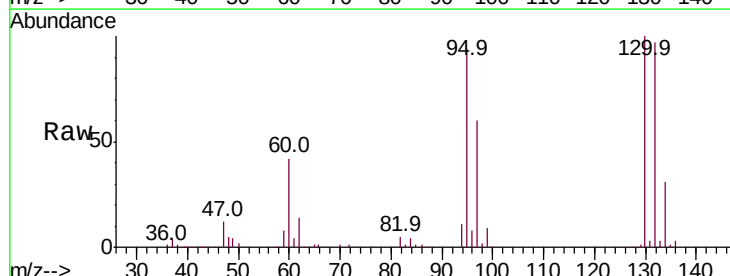
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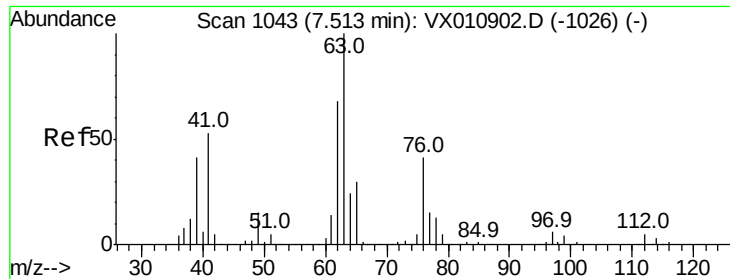
MMDadoda
7/22/2019 12:23:48 PM



#44
Trichloroethene
Concen: 50.696 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	174.8





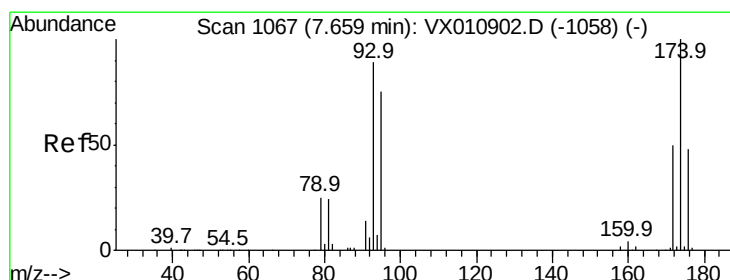
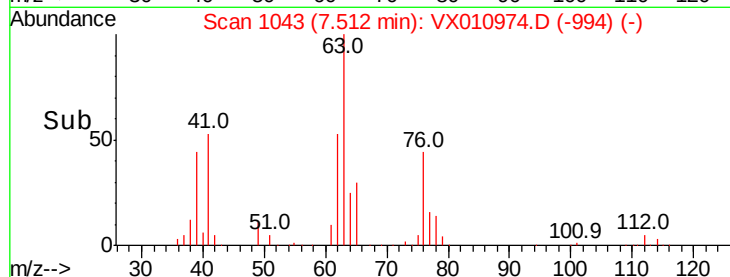
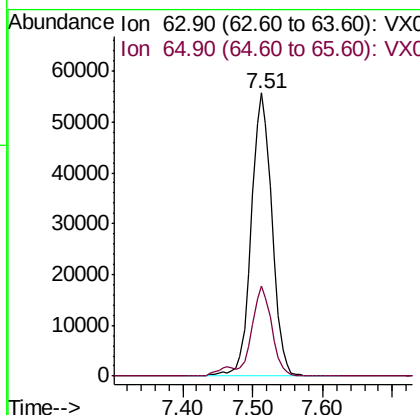
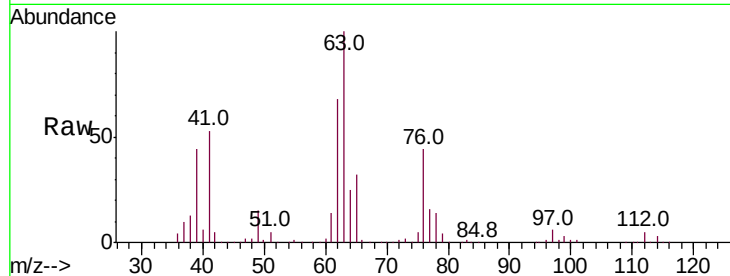
#45
 1,2-Dichloropropane
 Concen: 51.234 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 114340
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6

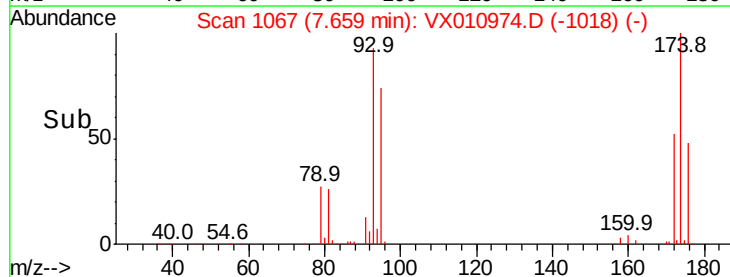
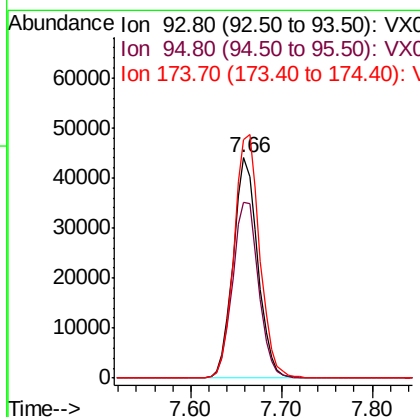
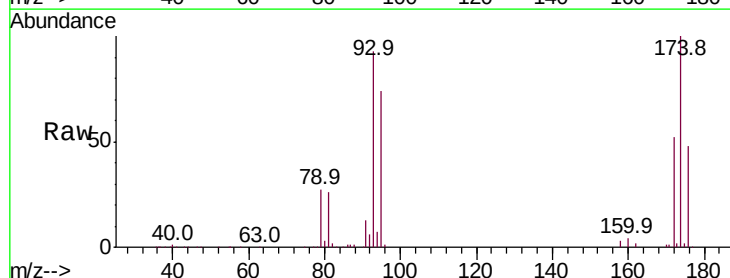
Manual Integrations
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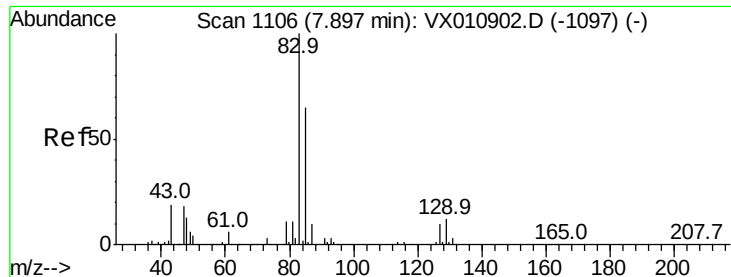
MMDadoda
 7/22/2019 12:23:48 PM



#46
 Dibromomethane
 Concen: 52.199 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion: 93 Resp: 83243
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.2 100.8
 174 114.9 90.6 135.8





#47

Bromodichloromethane

Concen: 54.155 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

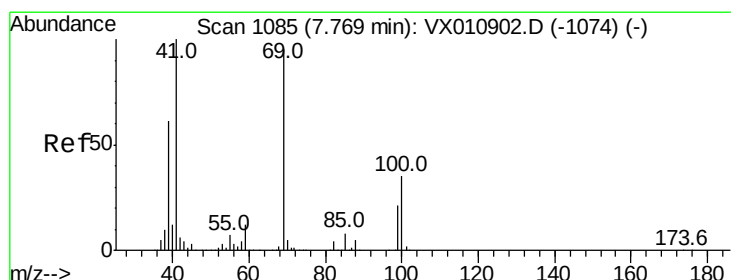
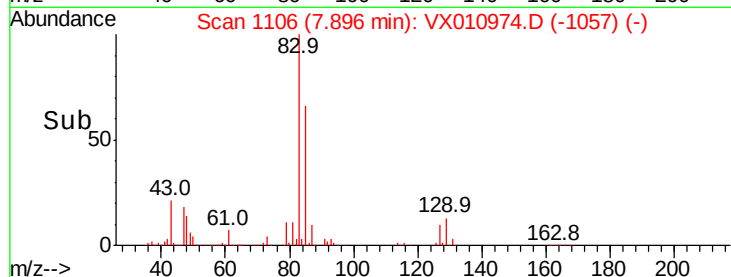
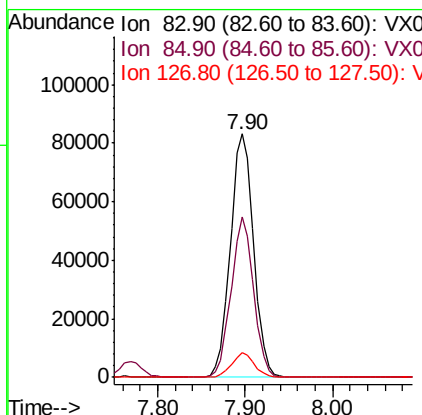
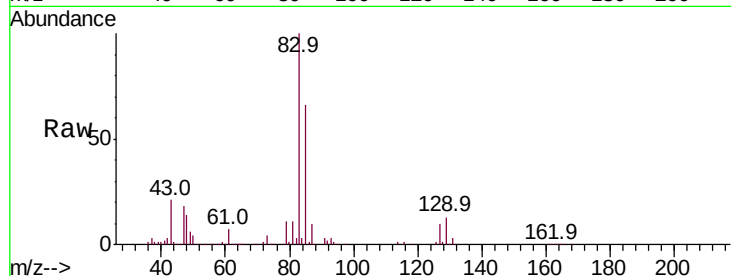
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	153731
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.5	78.7
127	9.9	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.409 ug/l

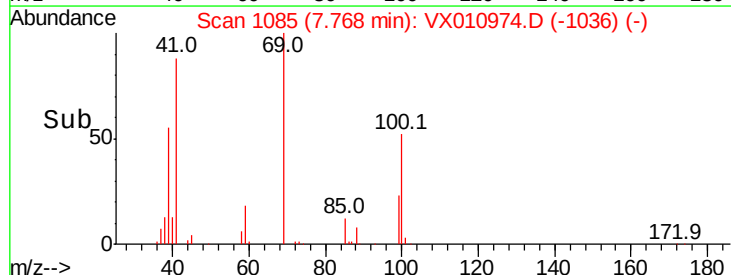
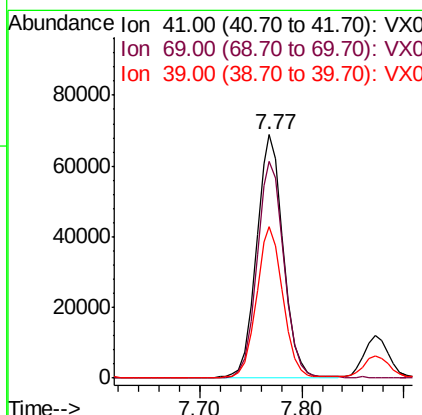
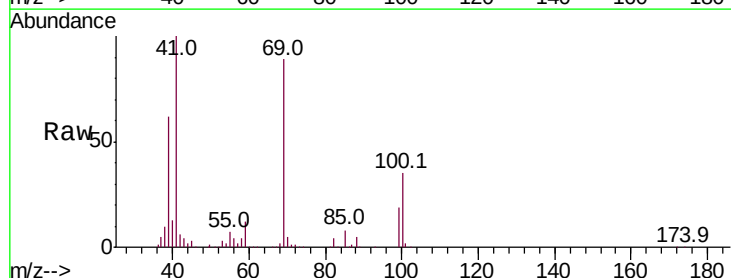
RT: 7.77 min Scan# 1085

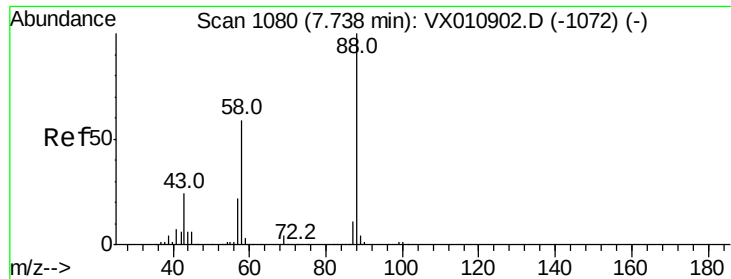
Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Tgt Ion:	41	Resp:	125397
Ion	Ratio	Lower	Upper
41	100		
69	90.1	74.4	111.6
39	60.9	48.9	73.3





#49

1,4-Dioxane

Concen: 1010.907 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

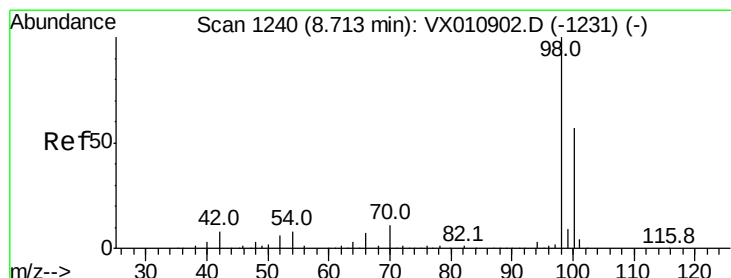
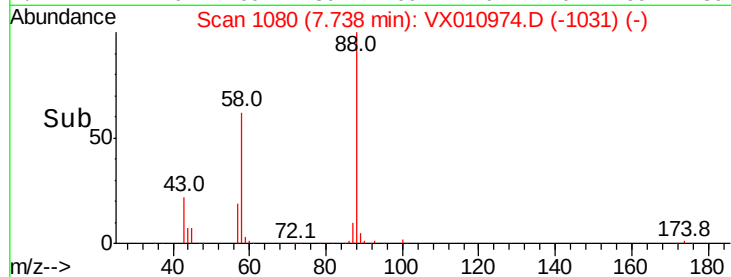
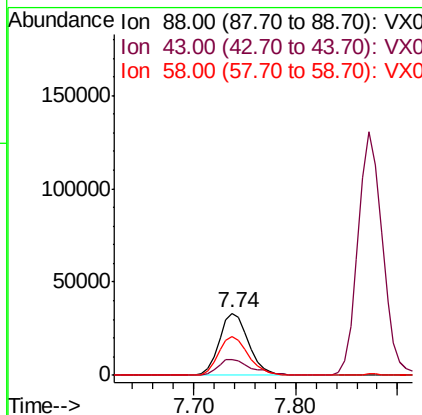
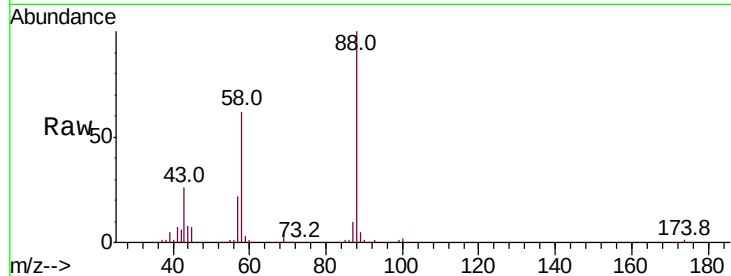
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	66392
Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.9	34.3
58	65.1	49.8	74.8

Manual Integrations
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#50

Toluene-d8

Concen: 50.788 ug/l

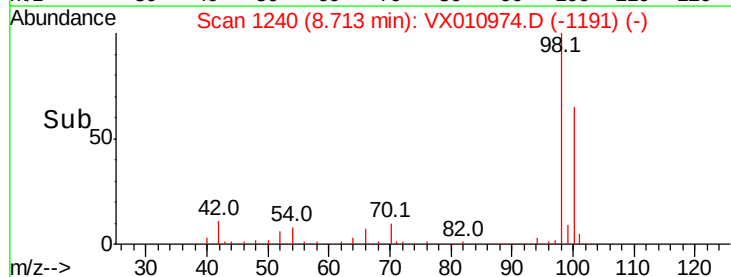
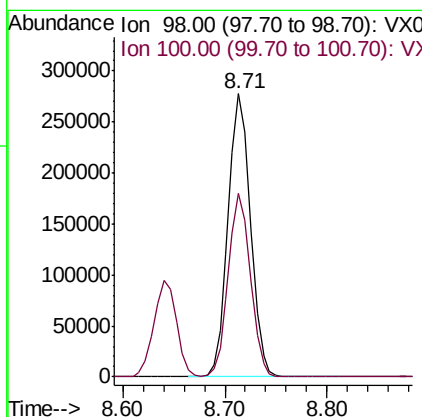
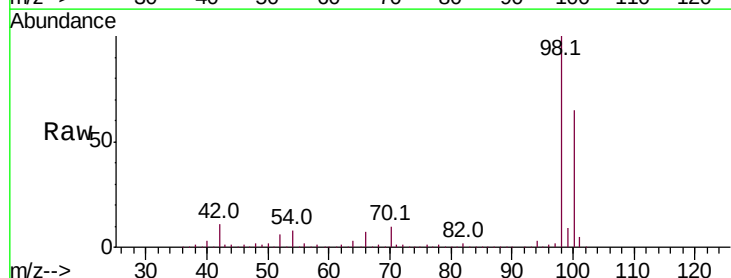
RT: 8.71 min Scan# 1240

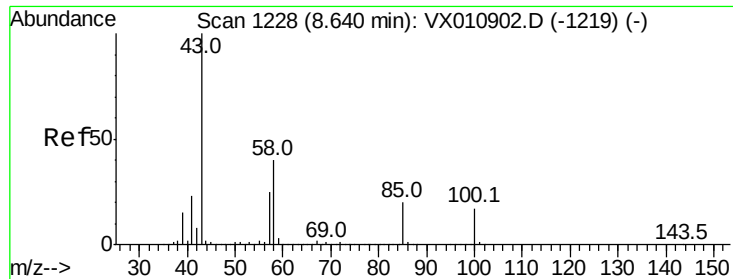
Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Tgt Ion:	98	Resp:	421340
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.6	75.8





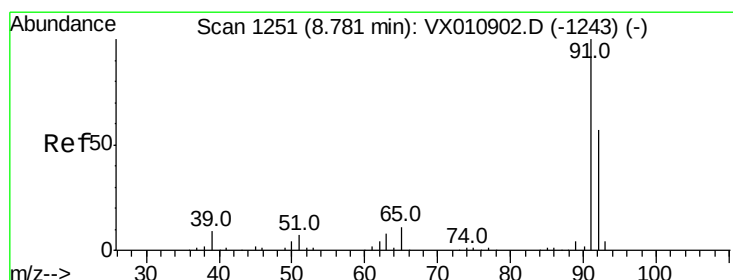
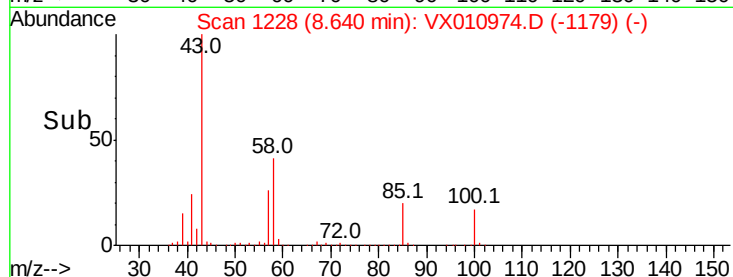
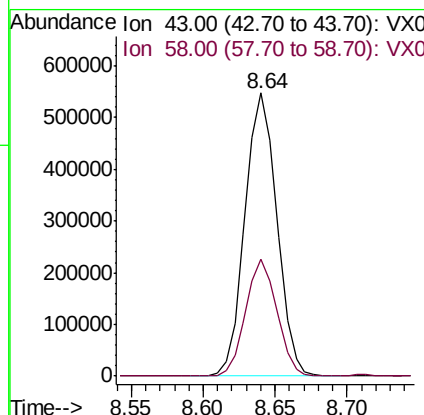
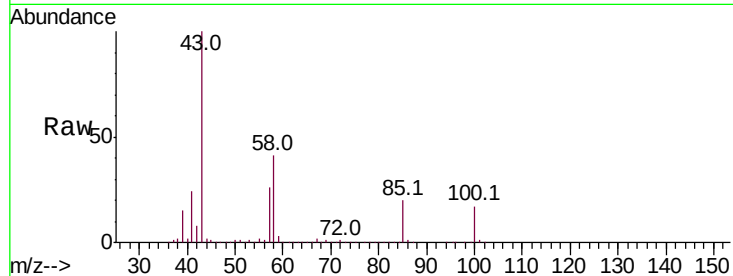
#51
4-Methyl-2-Pentanone
Concen: 269.329 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Ratio	100	Lower	Upper
43	100					
58	40.5		32.2		48.4	

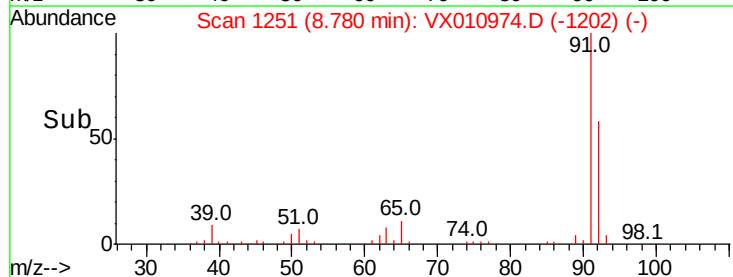
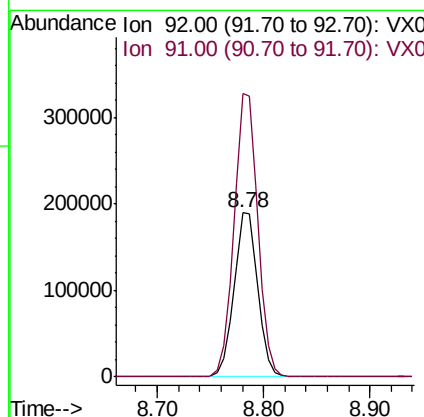
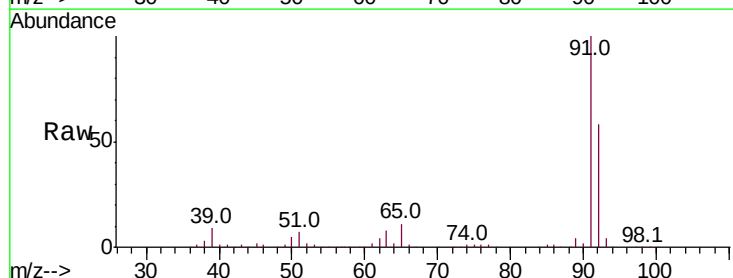
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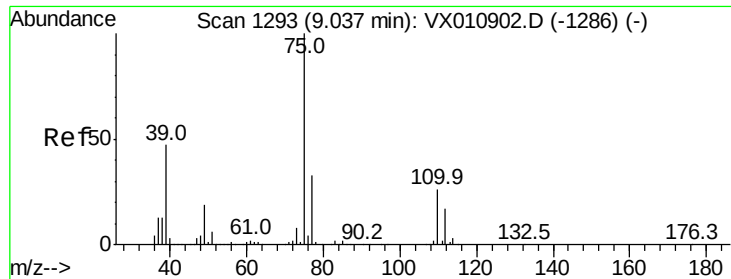
MMDadoda
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#52
Toluene
Concen: 51.593 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	92	91	Ratio	100	Lower	Upper
92	100					
91	172.7		139.4		209.0	





#53

t-1,3-Dichloropropene

Concen: 53.672 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 163825

Ion Ratio Lower Upper

75 100

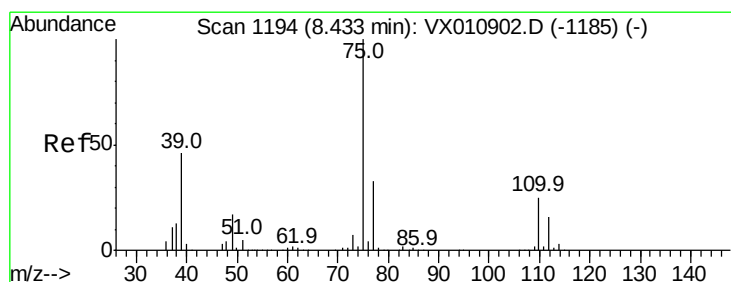
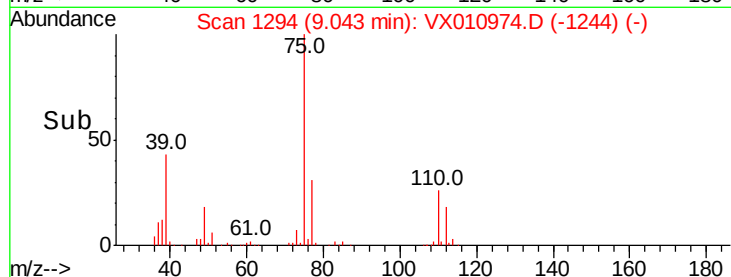
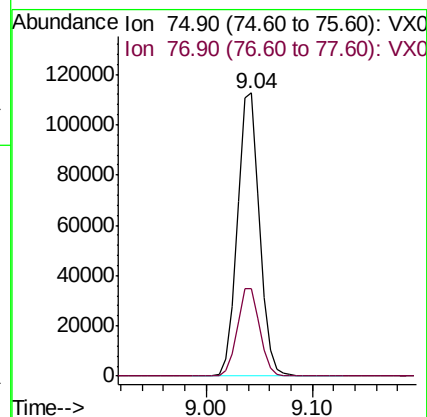
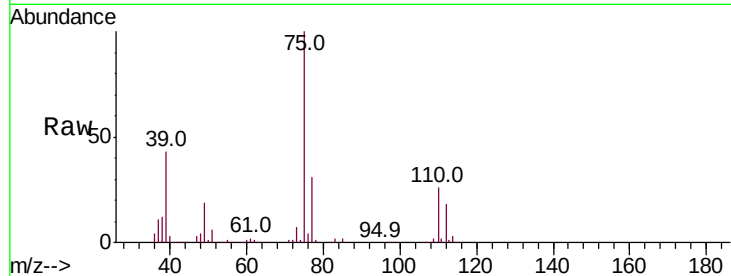
77 31.0 26.2 39.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 52.827 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

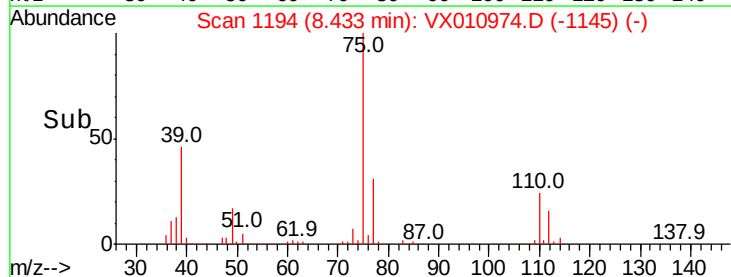
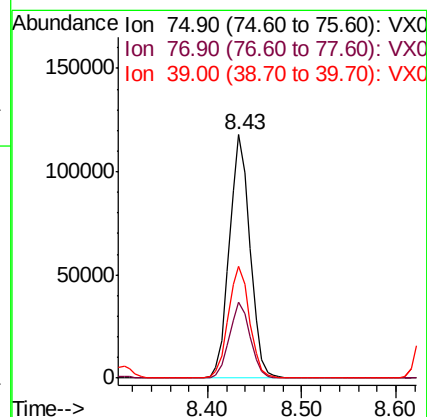
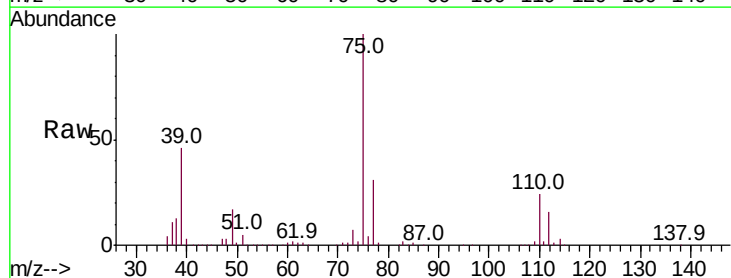
Tgt Ion: 75 Resp: 179425

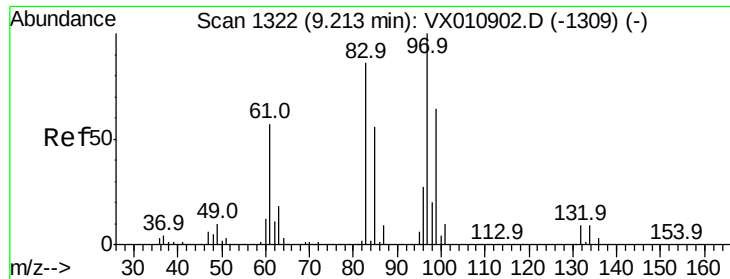
Ion Ratio Lower Upper

75 100

77 31.0 26.1 39.1

39 45.7 36.6 54.8





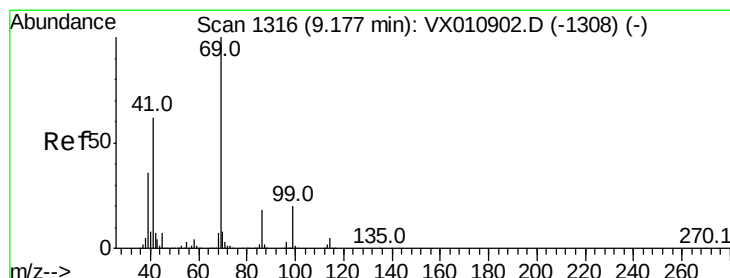
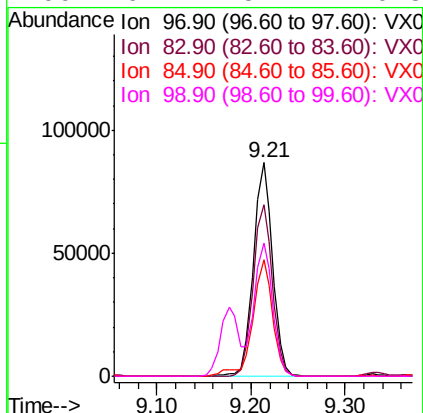
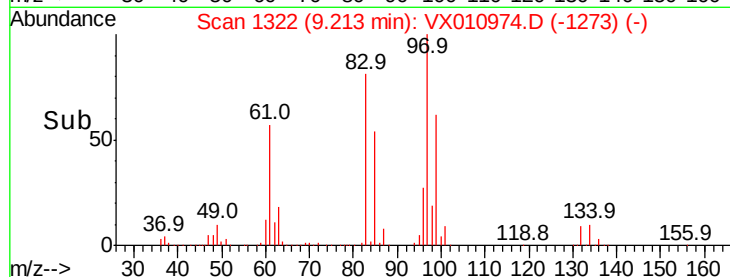
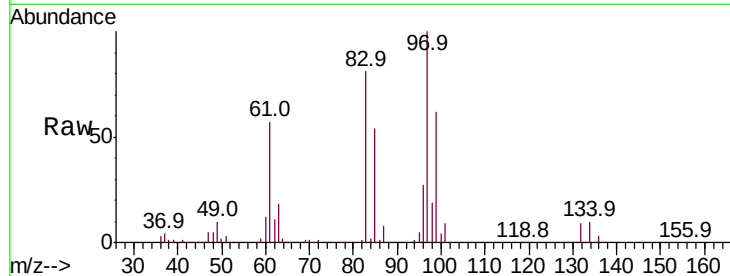
#55
 1,1,2-Trichloroethane
 Concen: 52.817 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.5	69.2	103.8
85	54.4	44.6	66.8
99	62.2	51.2	76.8

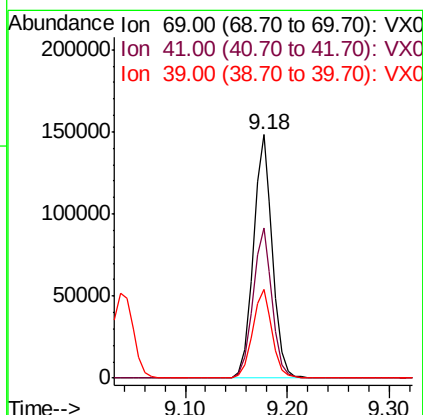
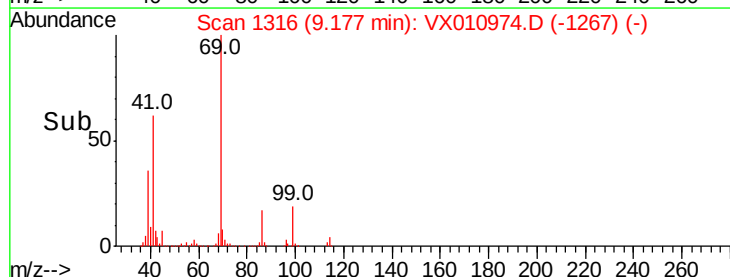
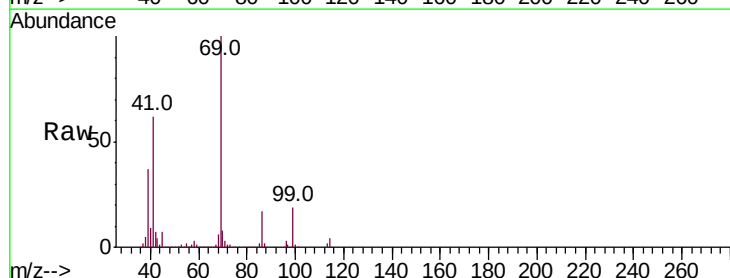
Manual Integrations
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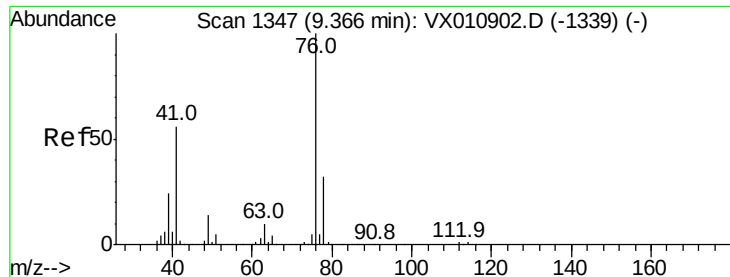
MMDadoda
 7/22/2019 12:23:48 PM



#56
 Ethyl methacrylate
 Concen: 55.738 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.1	49.7	74.5
39	37.4	29.6	44.4





#57

1,3-Dichloropropane

Concen: 51.789 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 76 Resp: 194853

Ion Ratio Lower Upper

76 100

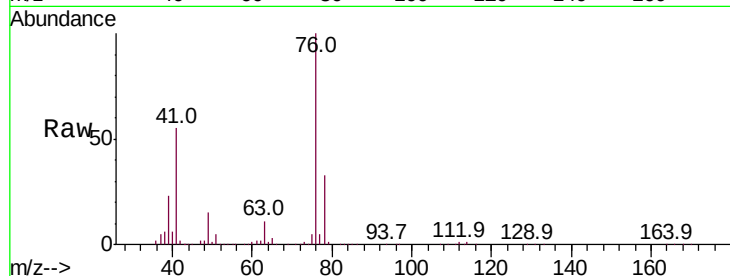
78 32.7 25.6 38.4

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

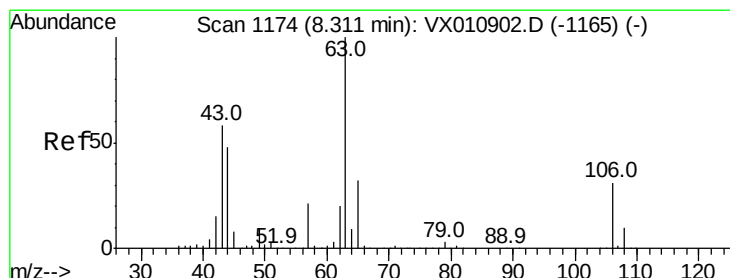
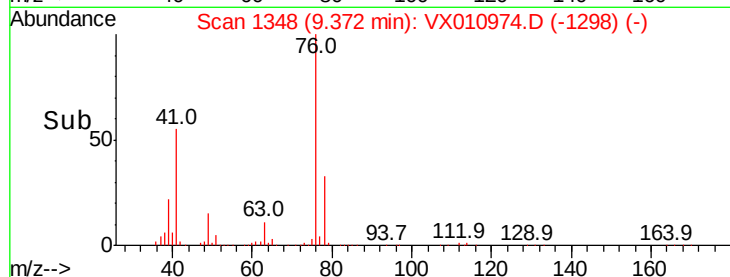
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 267.504 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010974.D

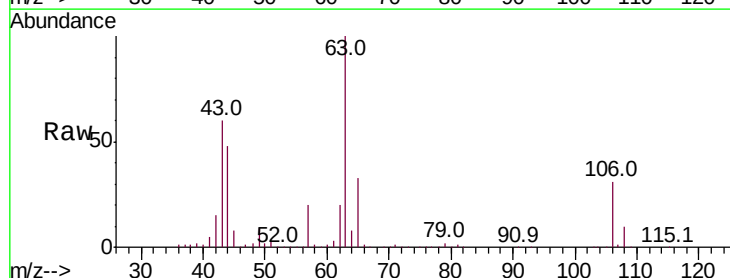
Acq: 18 Jul 2019 21:12

Tgt Ion: 63 Resp: 443016

Ion Ratio Lower Upper

63 100

106 30.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

300000

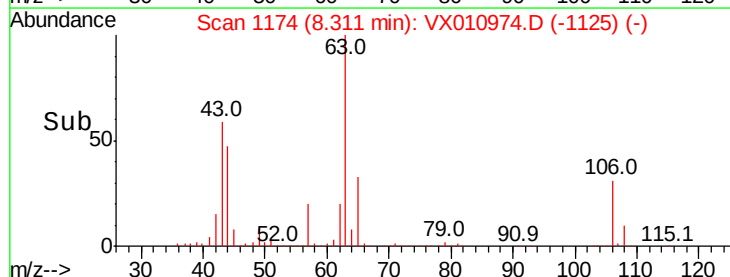
200000

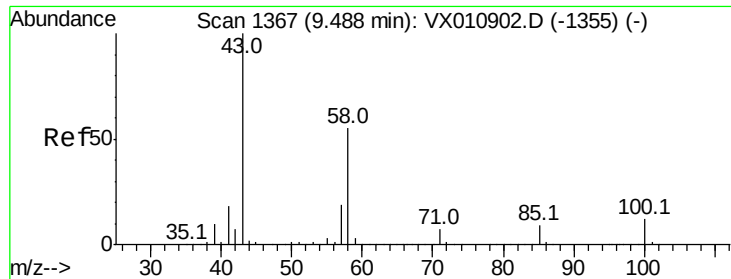
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->





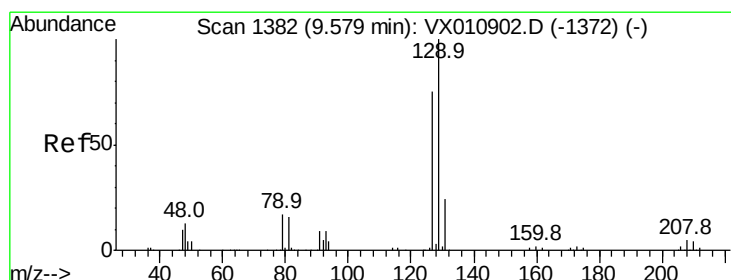
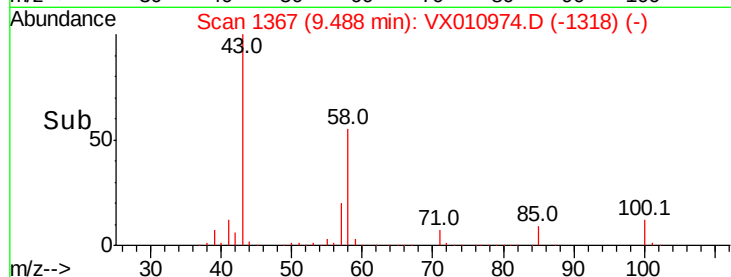
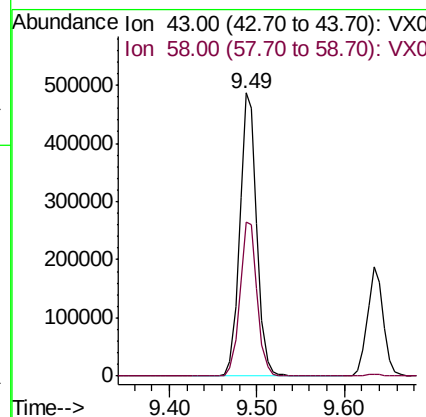
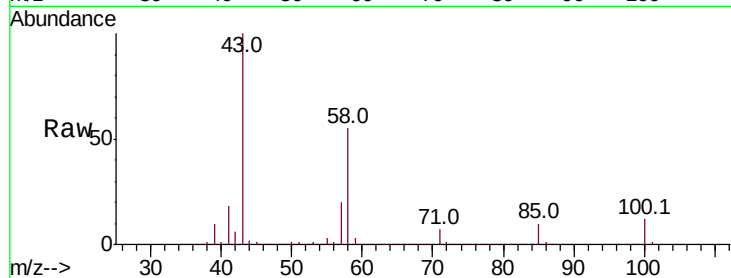
#59
2-Hexanone
Concen: 271.969 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 659044
Ion Ratio Lower Upper
43 100
58 55.5 28.0 83.9

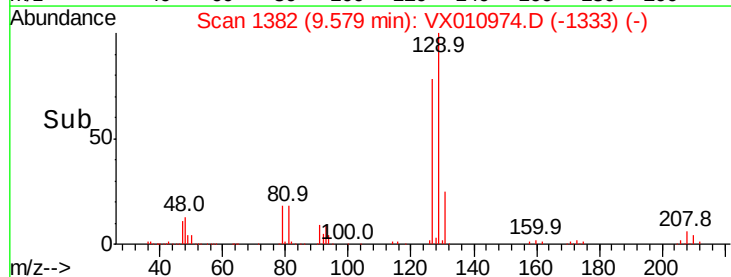
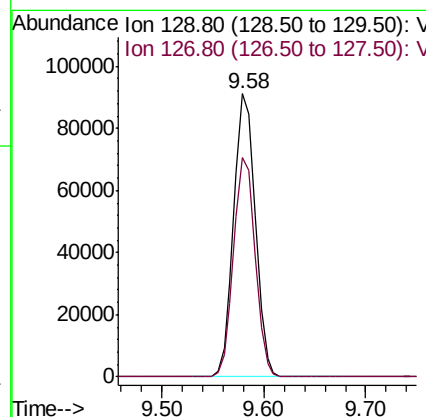
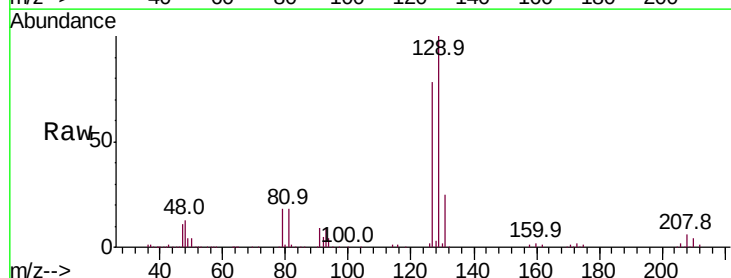
Manual Integrations
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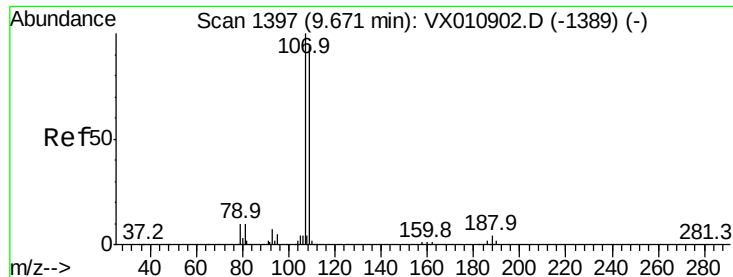
MMDadoda
7/22/2019 12:23:48 PM



#60
Dibromochloromethane
Concen: 49.008 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion: 129 Resp: 133629
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.164 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 133817

Ion Ratio Lower Upper

107 100

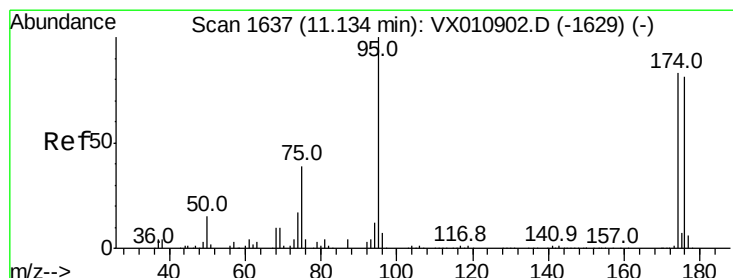
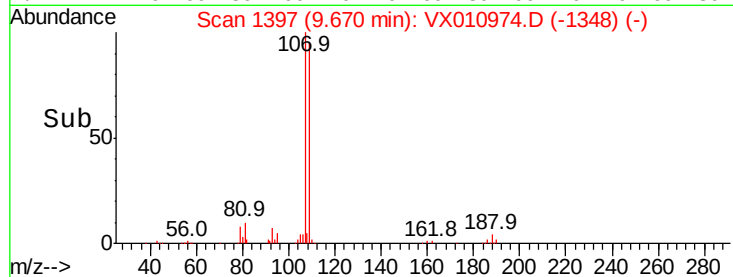
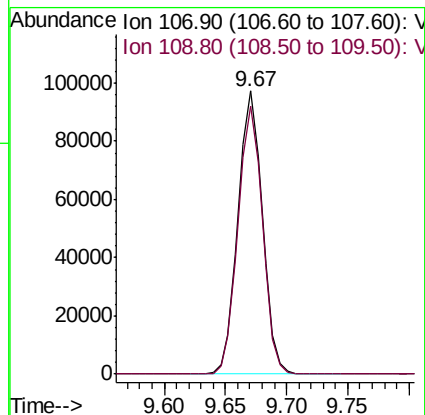
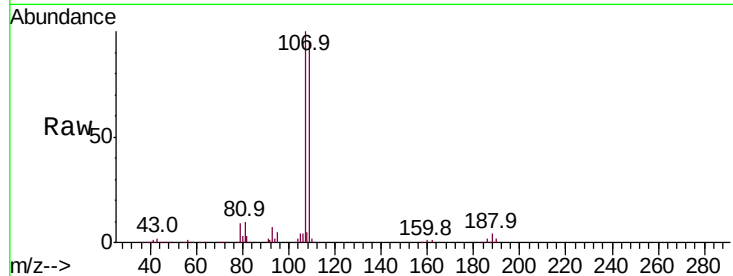
109 95.3 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 53.315 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

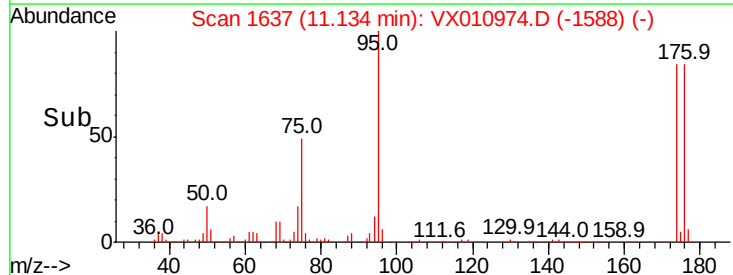
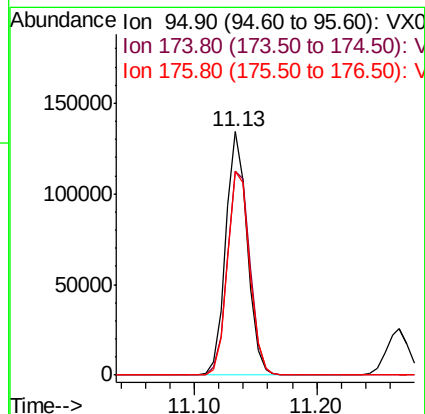
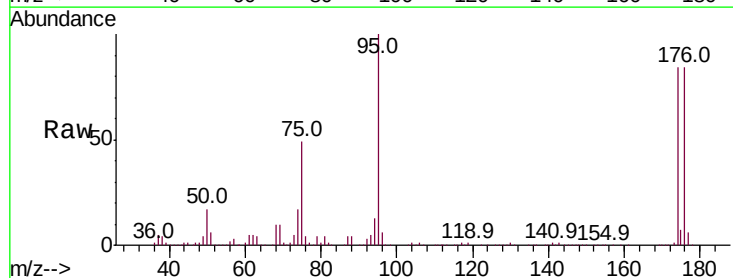
Tgt Ion: 95 Resp: 162577

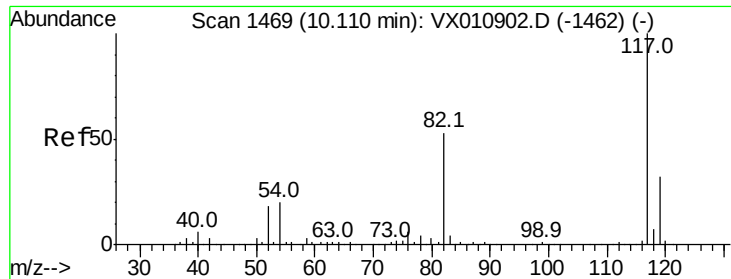
Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.6

176 86.3 0.0 173.8





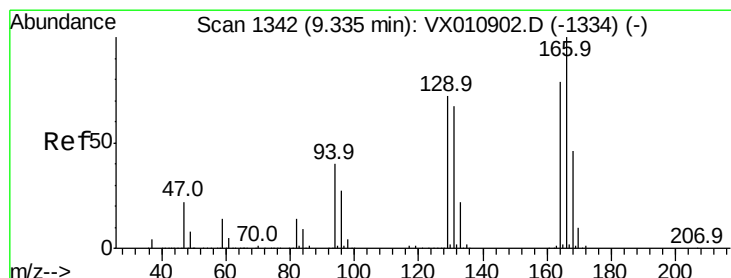
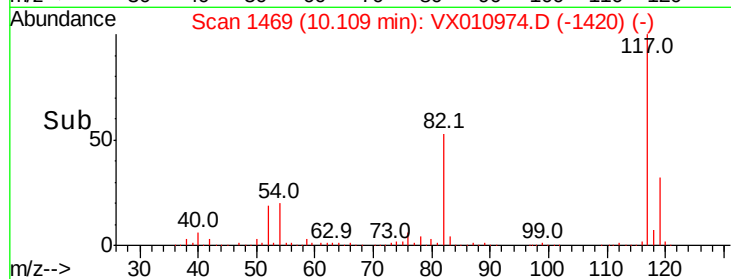
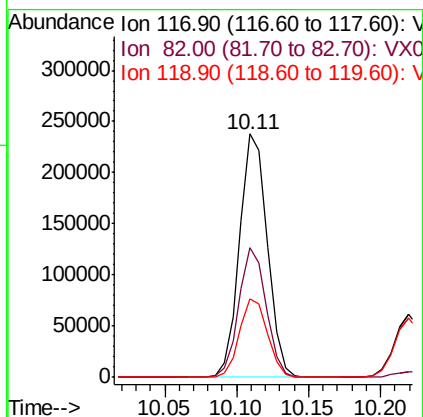
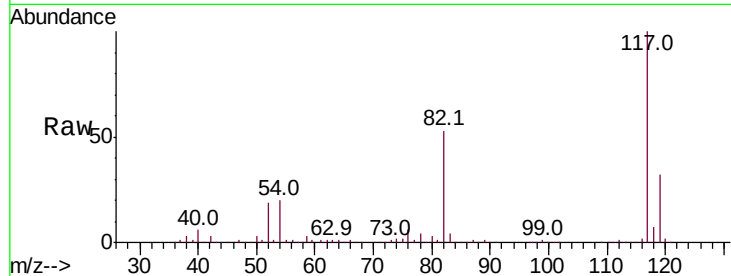
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.6	63.8
119	32.0	25.9	38.9

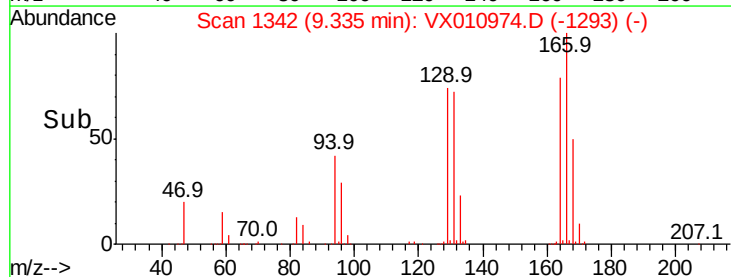
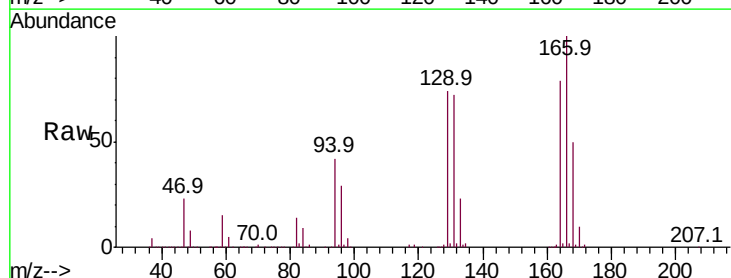
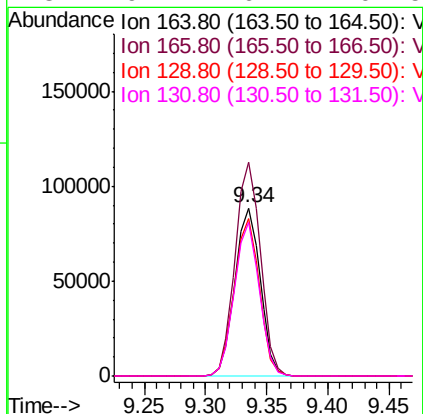
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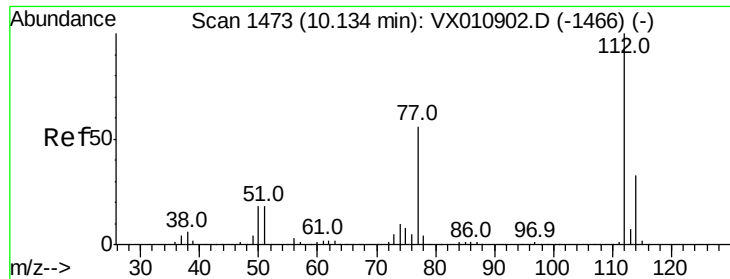
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#64
Tetrachloroethene
Concen: 50.555 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	100.8	151.2
129	93.5	72.6	109.0
131	91.4	67.7	101.5





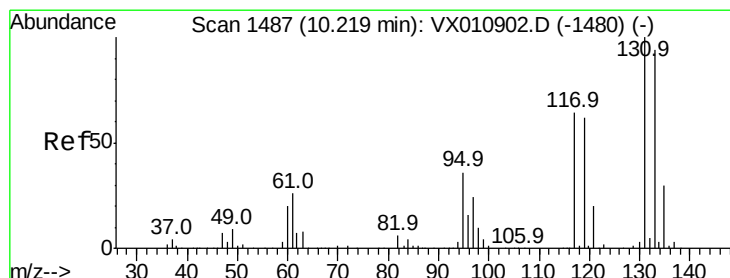
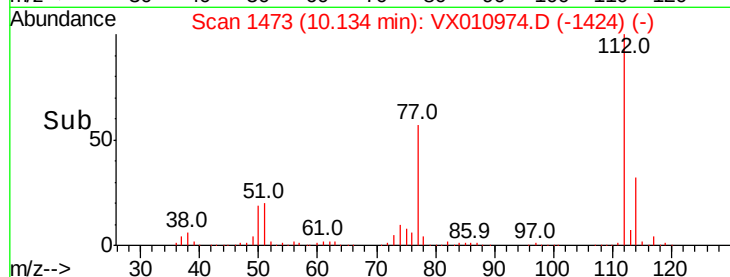
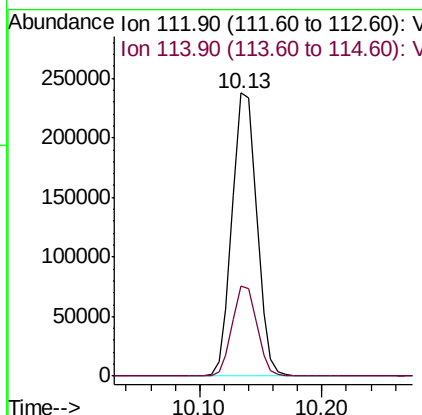
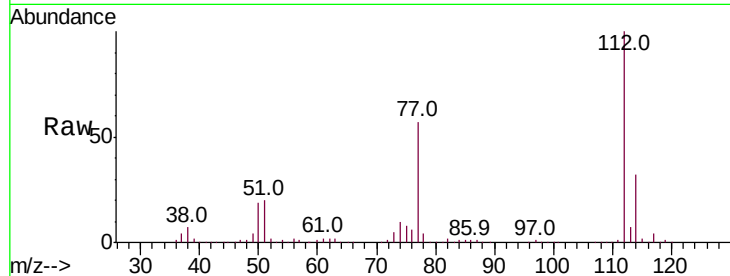
#65
Chlorobenzene
Concen: 50.586 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 332152
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4

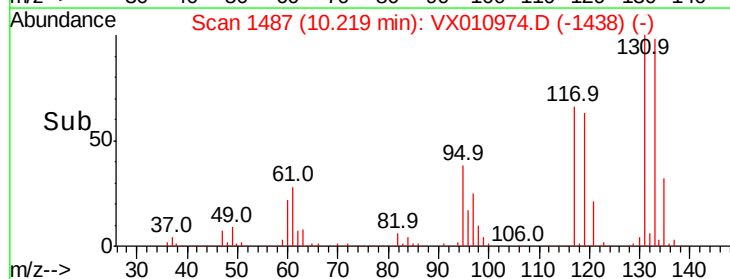
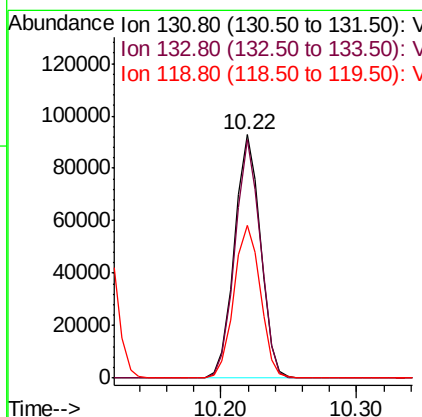
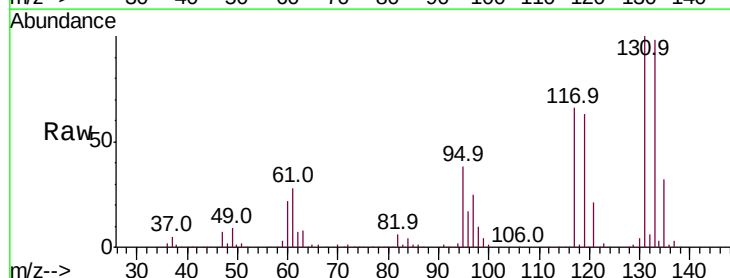
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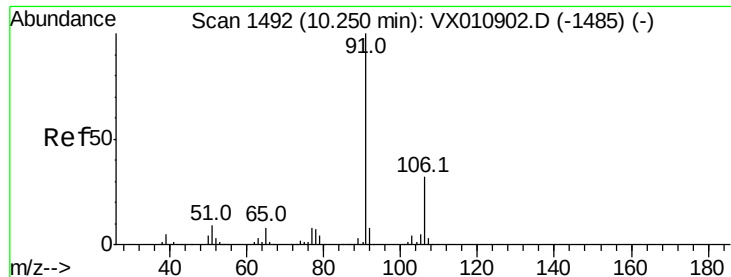
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.643 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion:131 Resp: 123793
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 63.8 31.9 95.7





#67

Ethyl Benzene

Concen: 52.289 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 584405

Ion Ratio Lower Upper

91 100

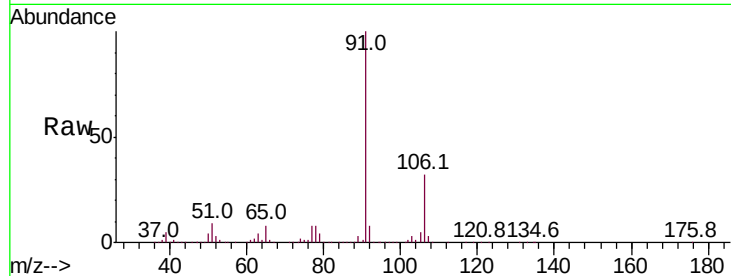
106 32.2 25.4 38.2

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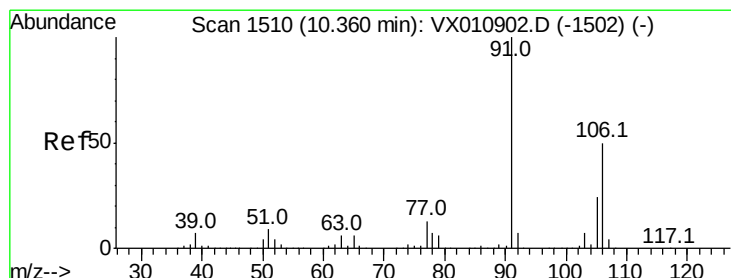
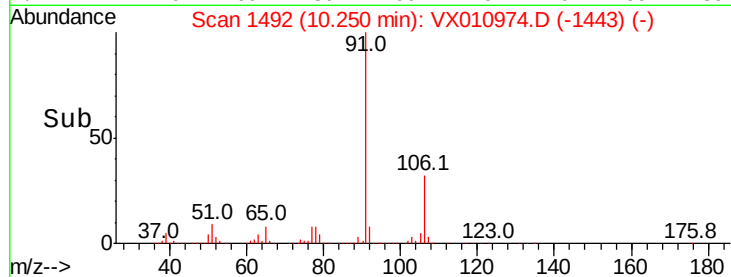
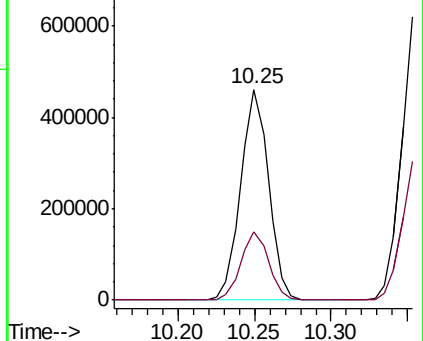
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 104.278 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010974.D

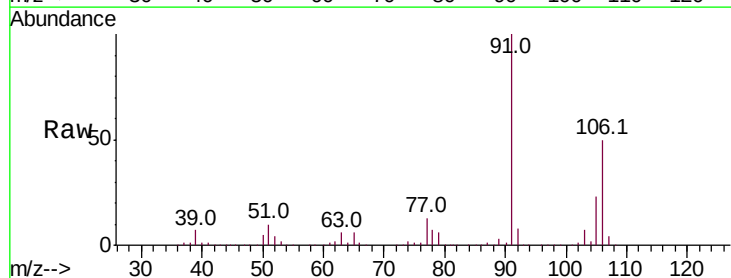
Acq: 18 Jul 2019 21:12

Tgt Ion: 106 Resp: 447057

Ion Ratio Lower Upper

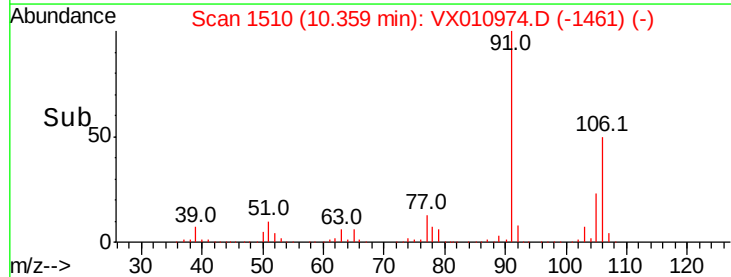
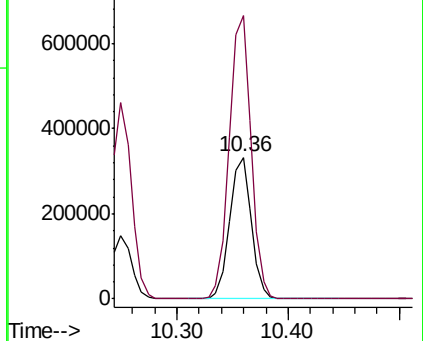
106 100

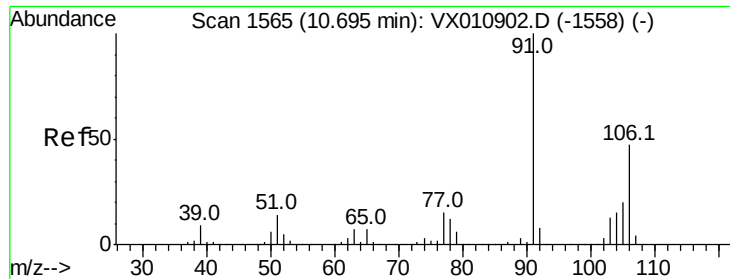
91 202.1 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





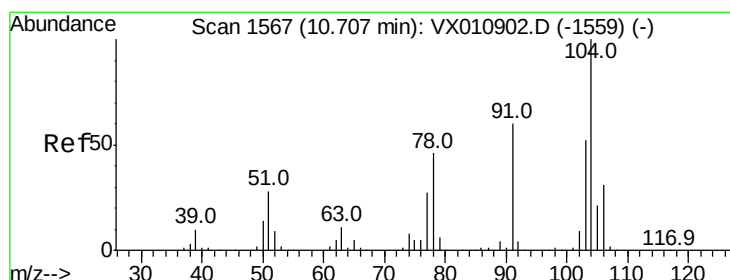
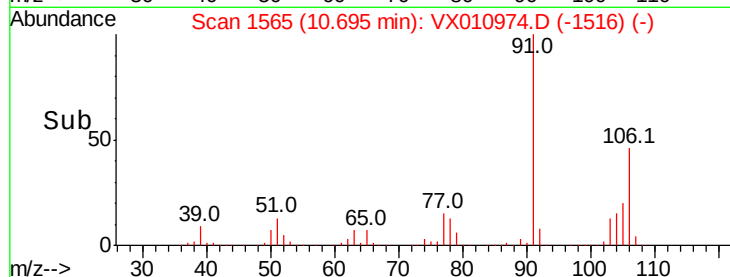
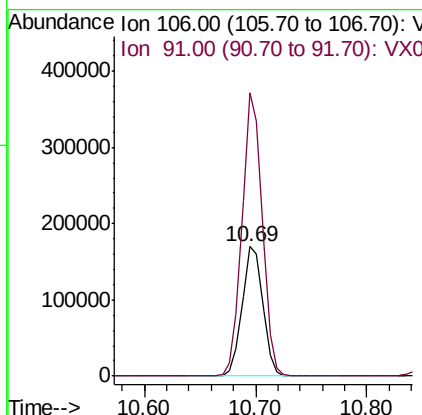
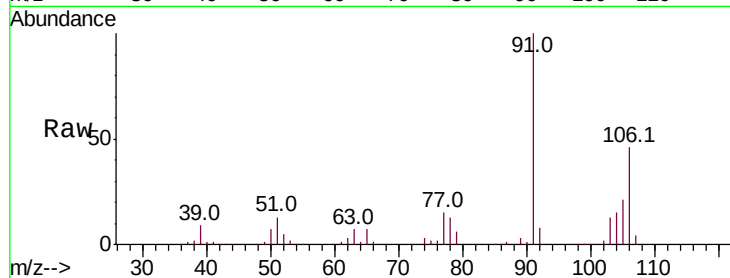
#69
o-Xylene
Concen: 52.322 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		218917		
91	213.6	105.1	315.3		

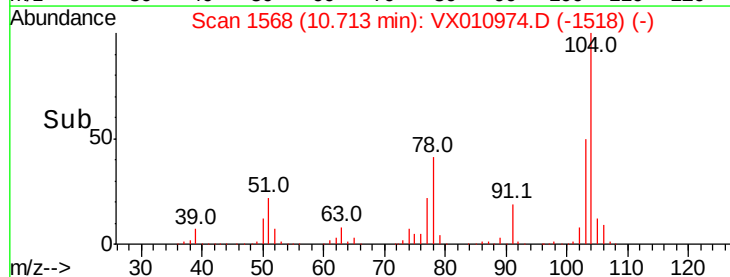
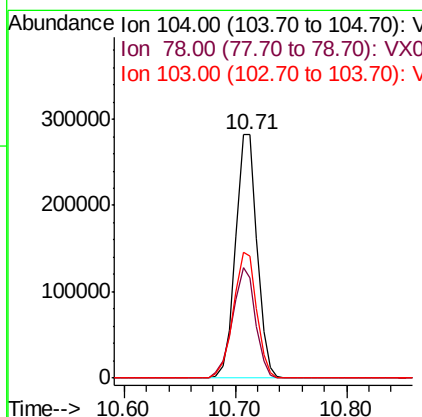
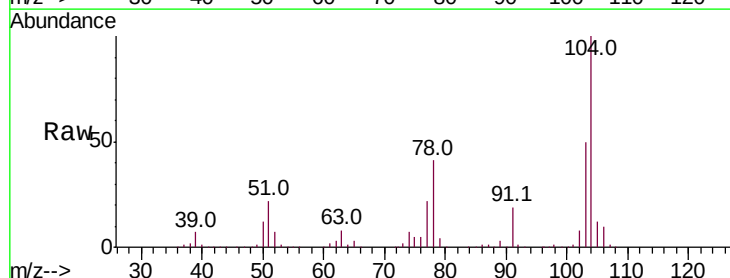
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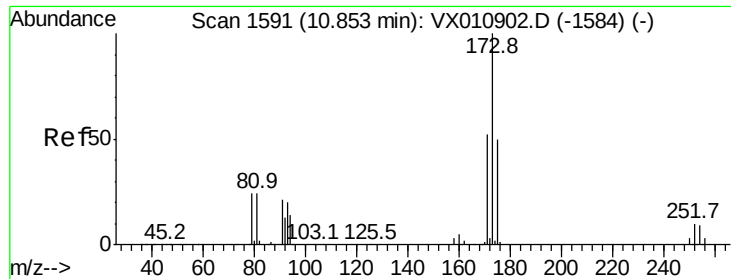
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#70
Styrene
Concen: 54.270 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		378523		
78	48.4	38.8	58.2		
103	55.7	44.2	66.4		





#71

Bromoform

Concen: 48.392 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 101500

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

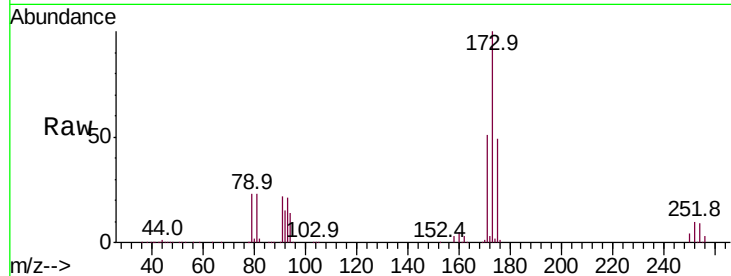
254 0.1 0.1 0.1

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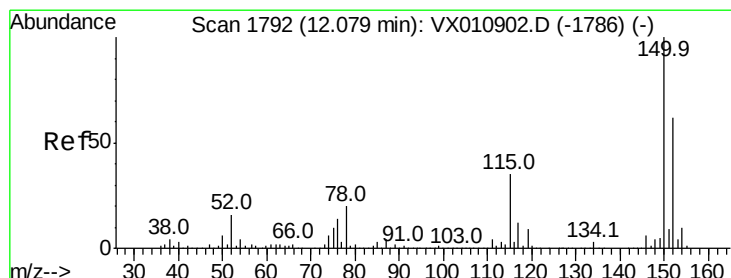
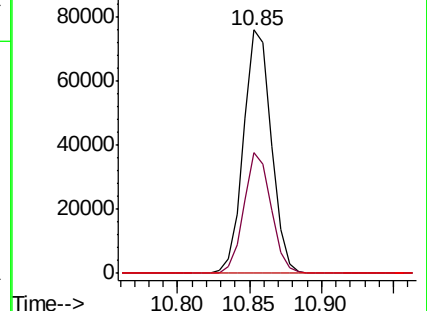
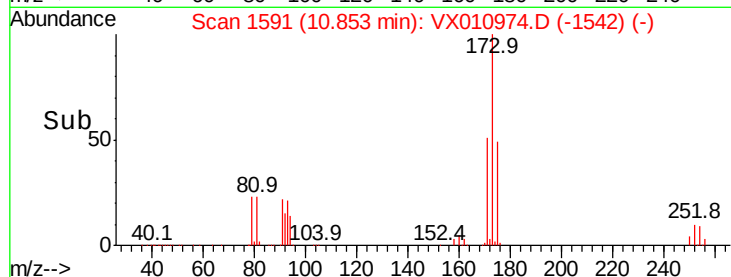
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

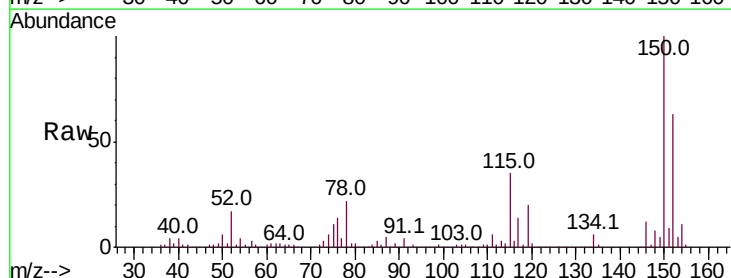
Tgt Ion:152 Resp: 168637

Ion Ratio Lower Upper

152 100

115 81.4 39.7 119.1

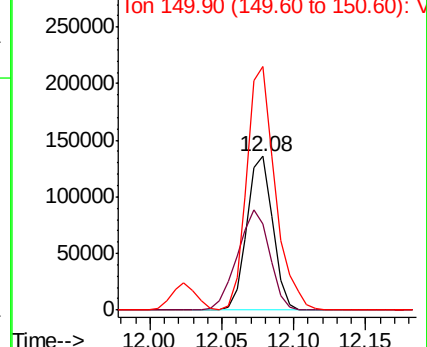
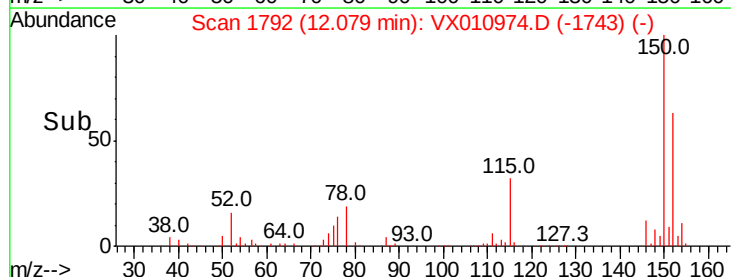
150 173.8 0.0 345.6

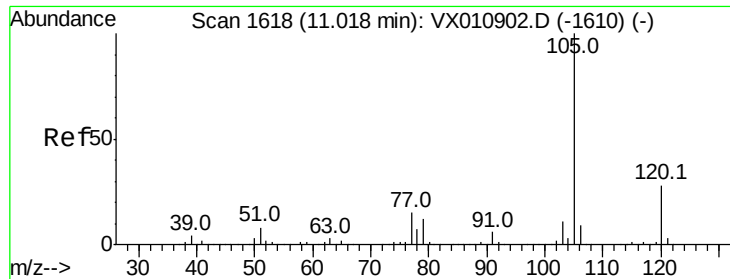


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.046 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 593052

Ion Ratio Lower Upper

105 100

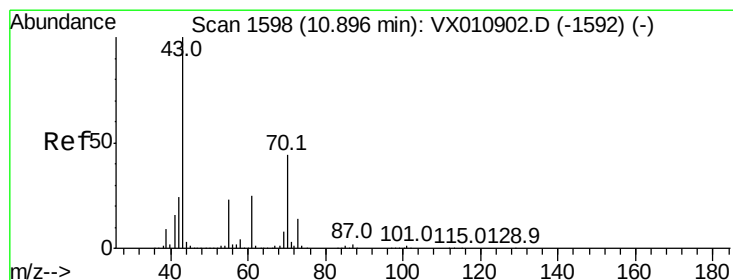
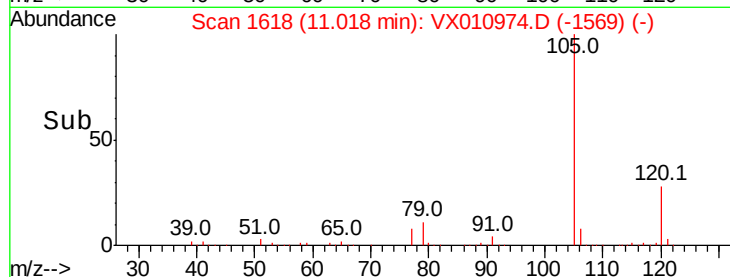
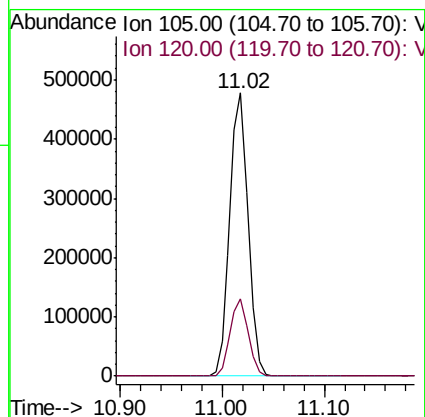
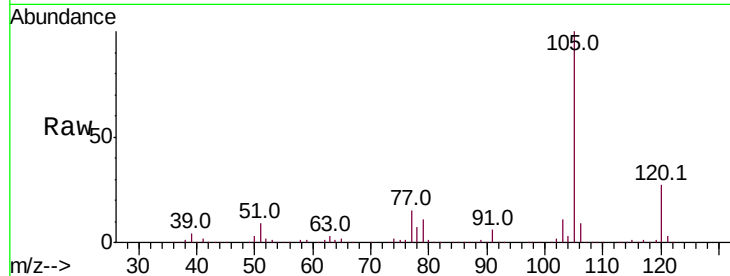
120 26.8 13.7 41.1

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#74

N-ethyl acetate

Concen: 54.512 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Tgt Ion: 43 Resp: 237337

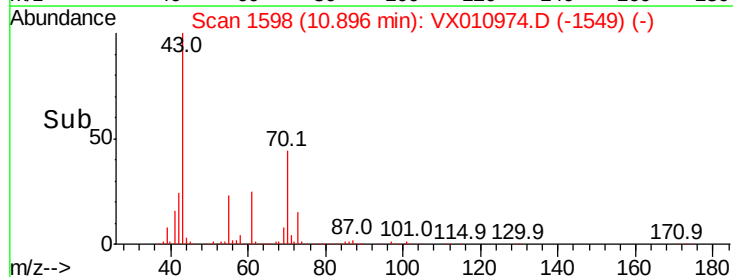
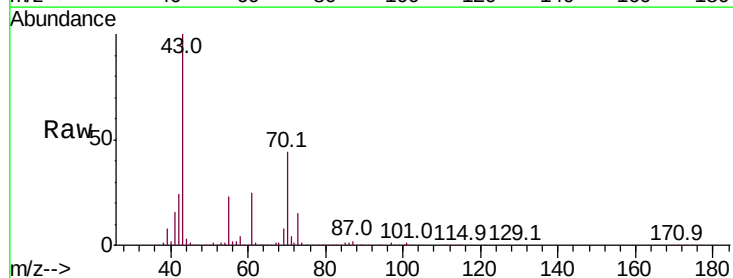
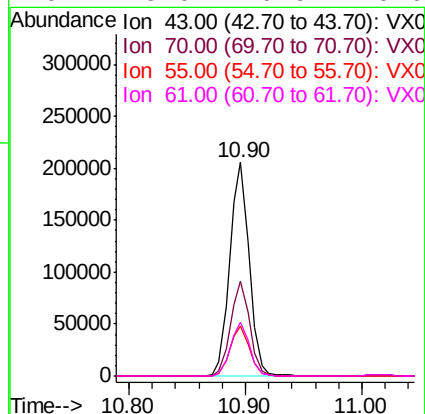
Ion Ratio Lower Upper

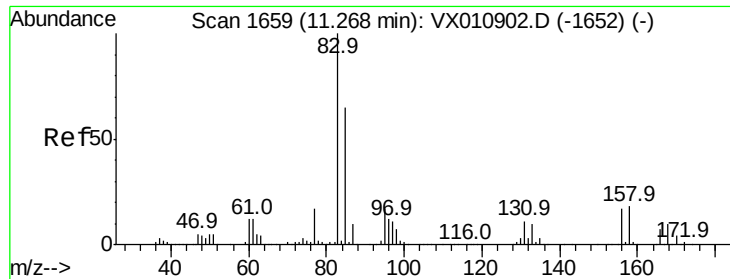
43 100

70 43.9 34.7 52.1

55 23.4 19.1 28.7

61 25.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.862 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

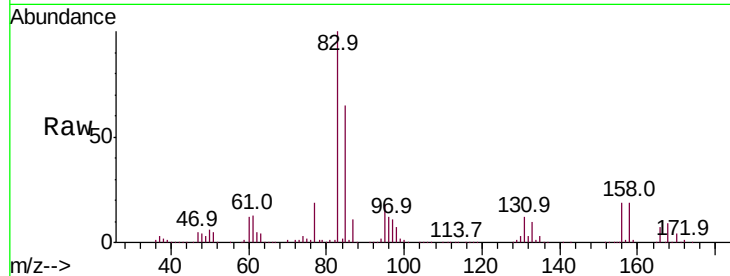
ClientSampleId :

VSTDCCC050EC

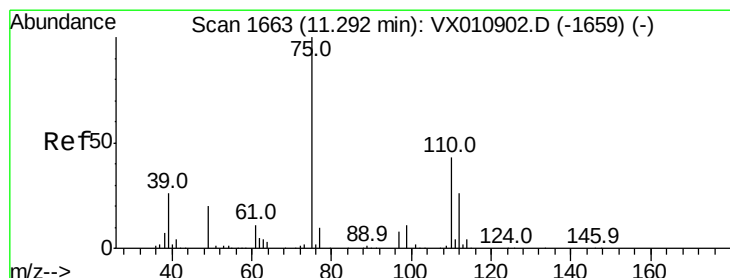
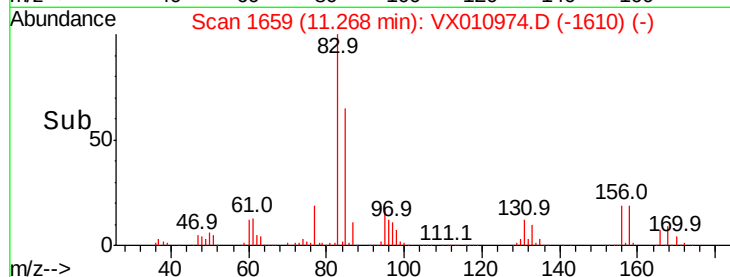
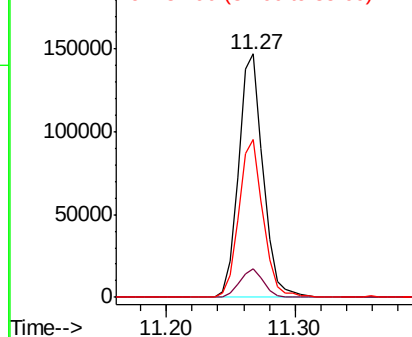
Tot Ion:	83	Resp:	193395
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.5	16.4
85	64.4	32.3	96.9

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



#76

1,2,3-Trichloropropane

Concen: 53.102 ug/l m

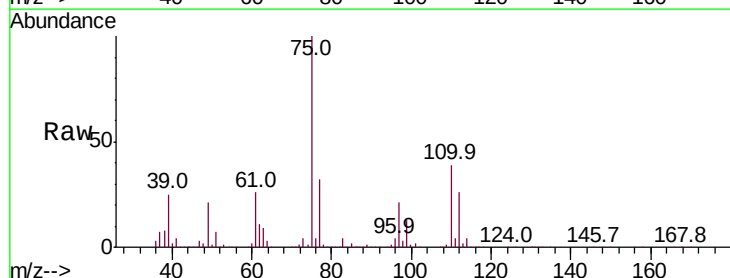
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

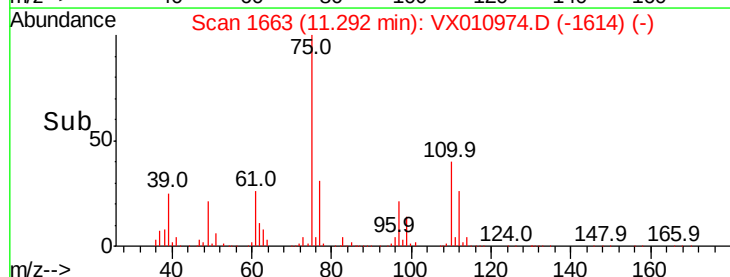
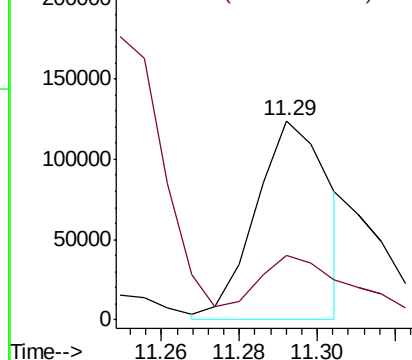
Lab File: VX010974.D

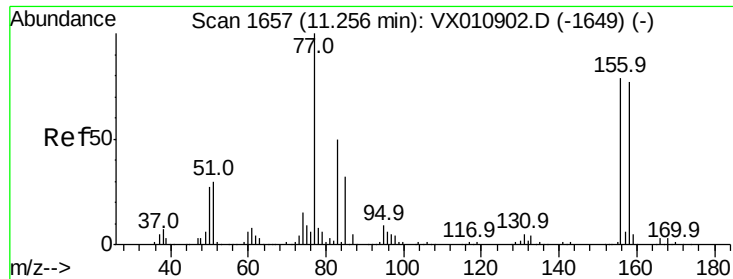
Acq: 18 Jul 2019 21:12

Tgt Ion:	75	Resp:	161596
Ion Ratio	Lower	Upper	
75	100		
77	42.2	21.3	64.0



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





#77

Bromobenzene

Concen: 50.641 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 159170

Ion Ratio Lower Upper

156 100

77 140.4 68.7 206.1

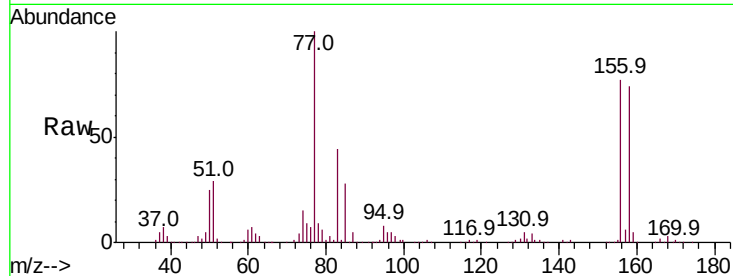
158 96.9 47.9 143.7

Manual Integrations

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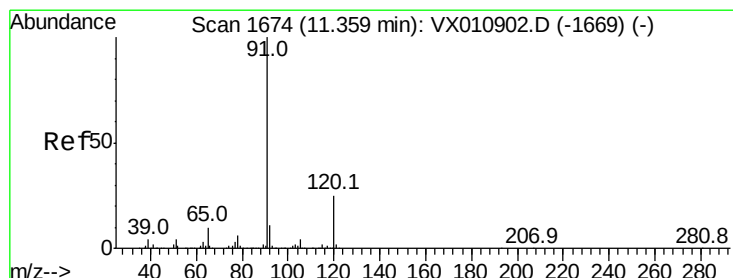
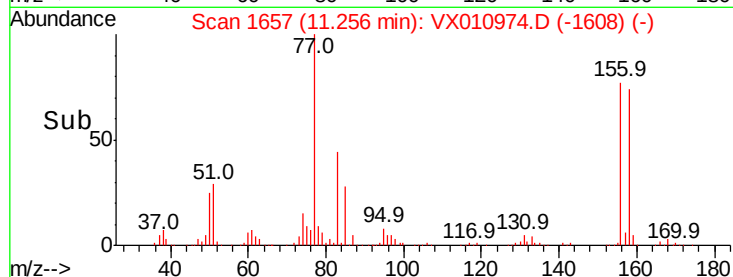
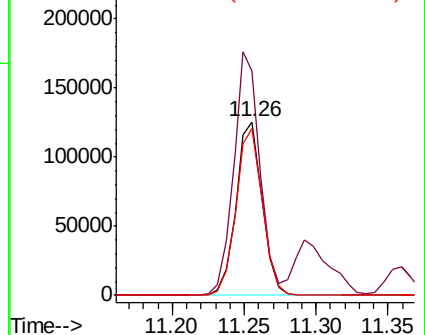
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.026 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010974.D

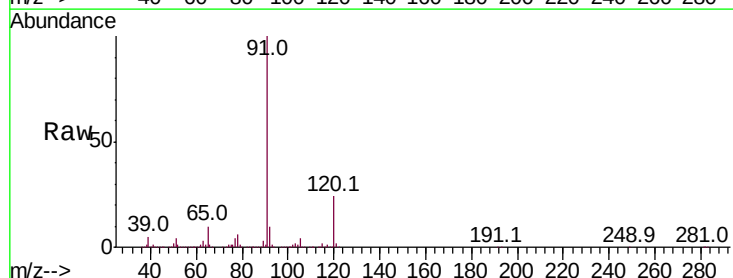
Acq: 18 Jul 2019 21:12

Tgt Ion: 91 Resp: 667620

Ion Ratio Lower Upper

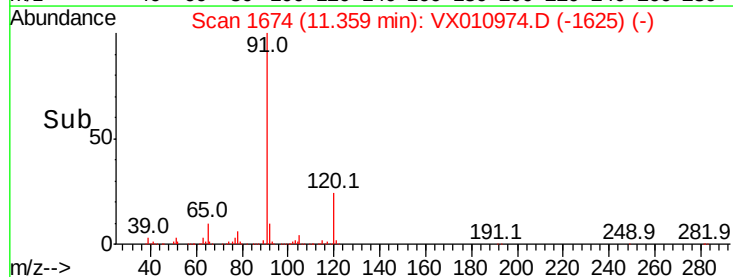
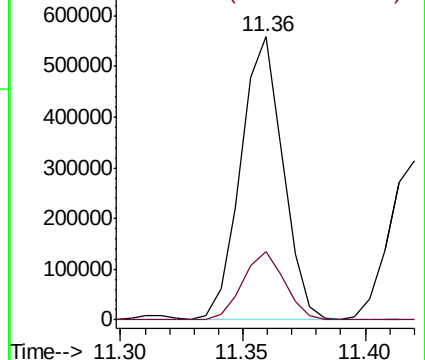
91 100

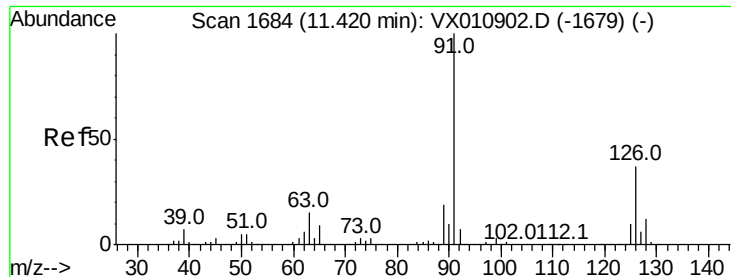
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.214 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 394905

Ion Ratio Lower Upper

91 100

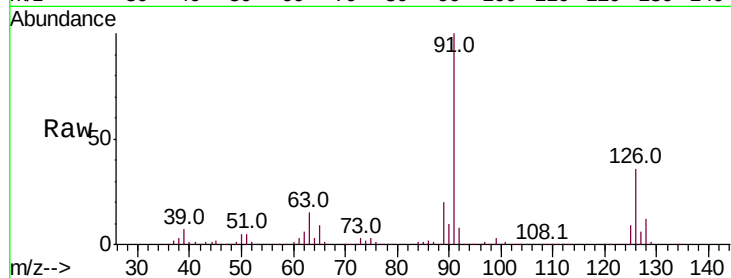
126 35.7 18.0 54.0

Manual Integrations

APPROVED

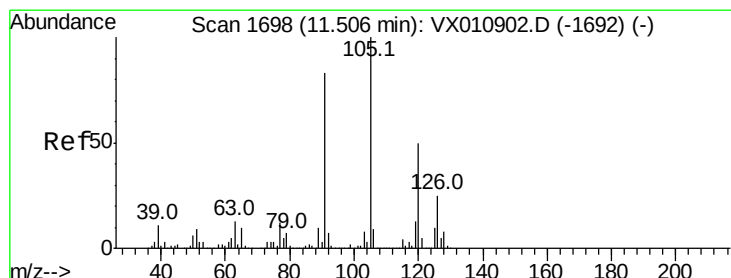
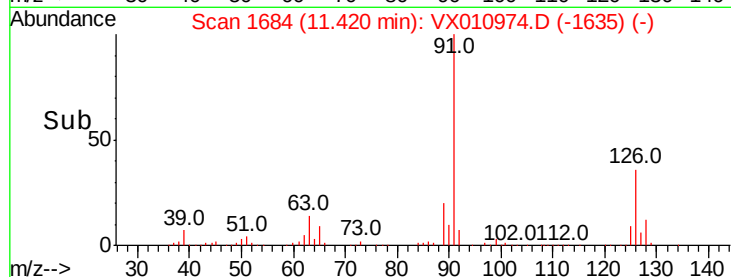
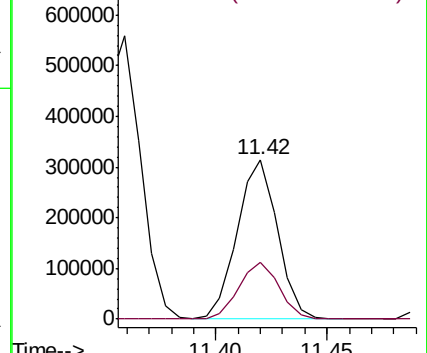
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.834 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010974.D

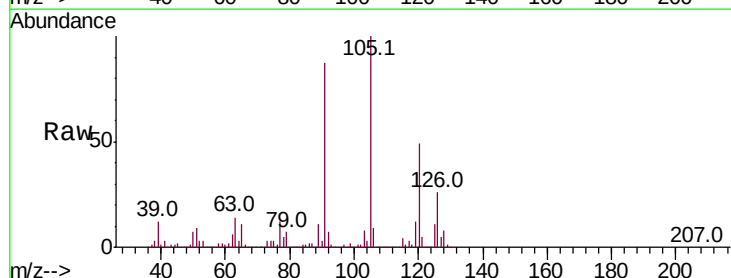
Acq: 18 Jul 2019 21:12

Tgt Ion: 105 Resp: 503055

Ion Ratio Lower Upper

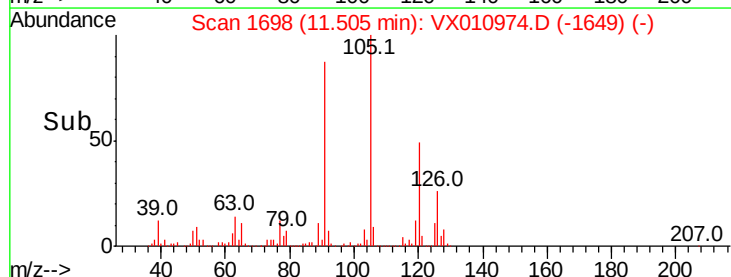
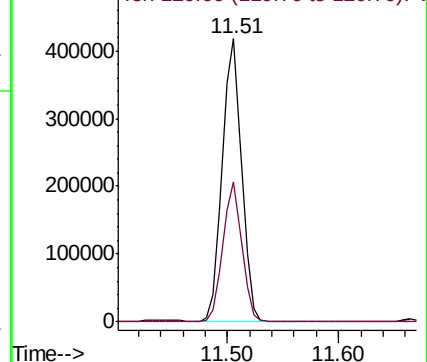
105 100

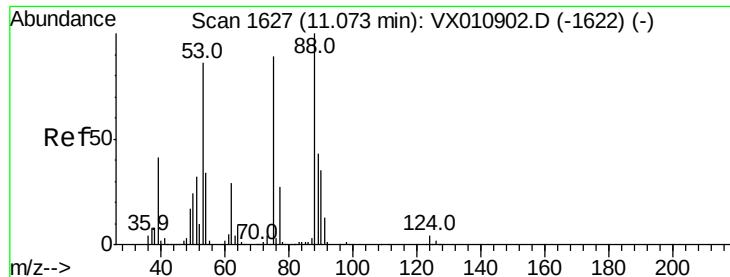
120 48.6 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





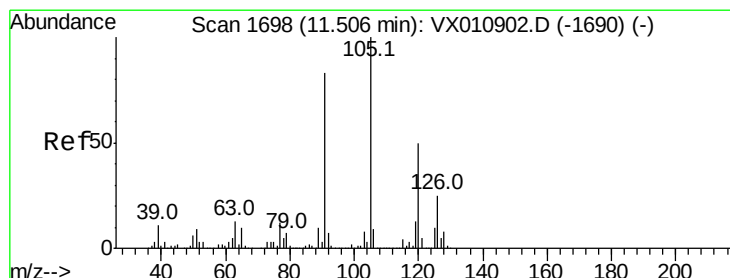
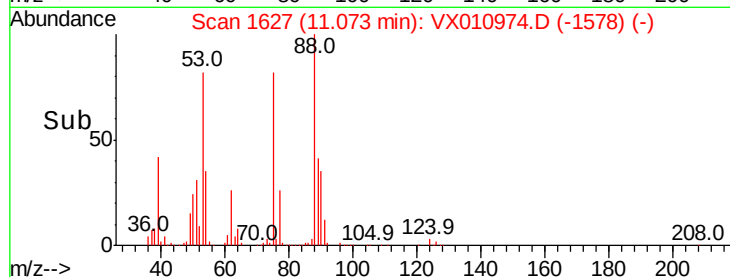
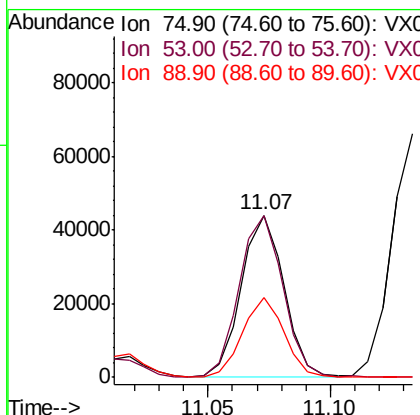
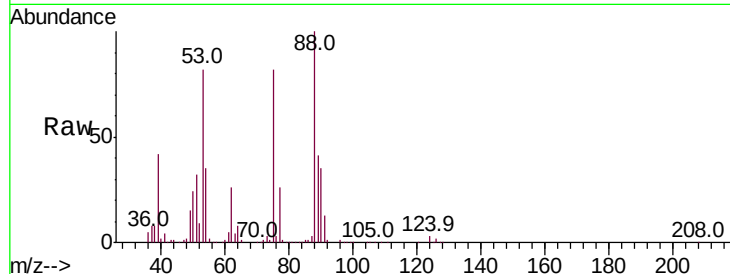
#81
trans-1,4-Dichloro-2-butene
Concen: 44.907 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.4	76.7	115.1
89	48.5	38.5	57.7

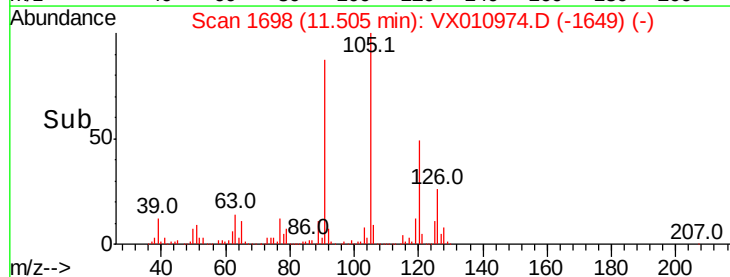
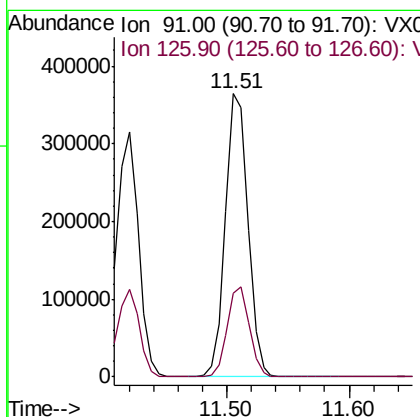
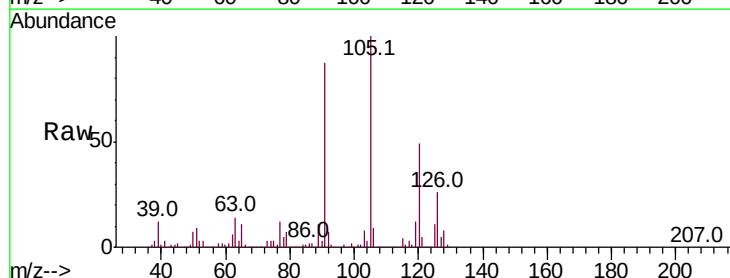
Manual Integrations
APPROVED

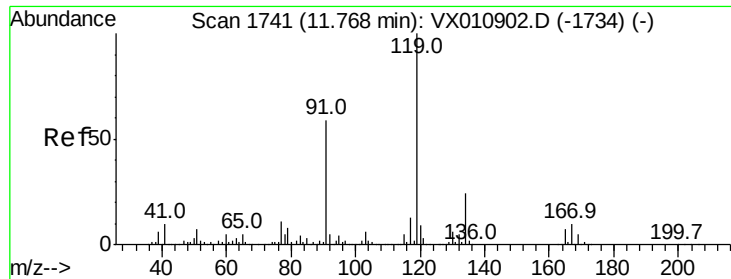
MMDadoda
7/22/2019 12:23:48 PM



#82
4-Chlorotoluene
Concen: 52.764 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.9	47.7





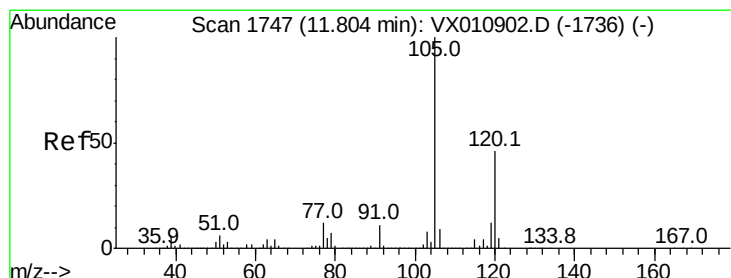
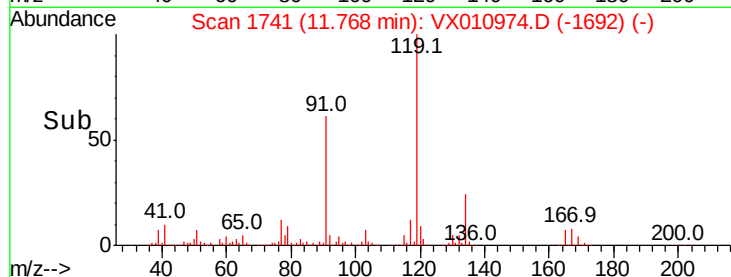
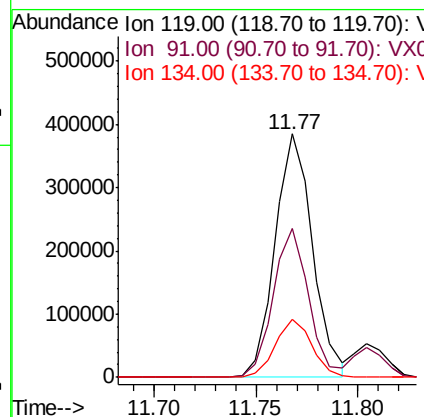
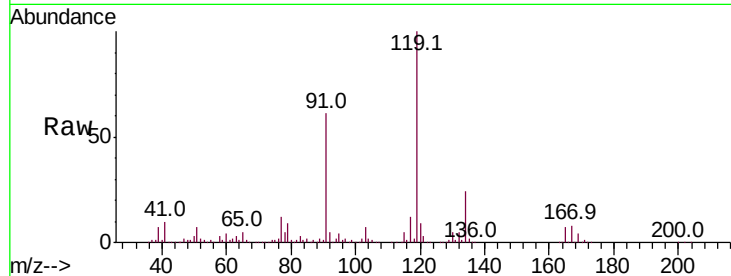
#83
tert-Butylbenzene
Concen: 52.776 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	28.6	85.8
134	23.3	11.6	34.8

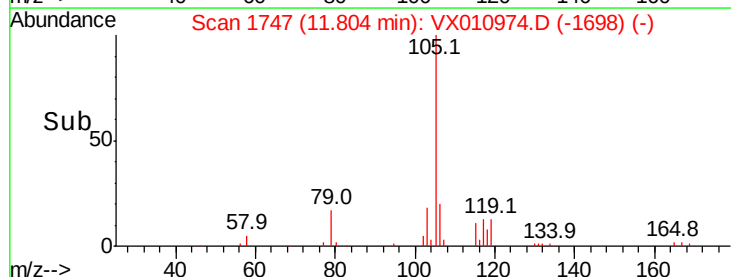
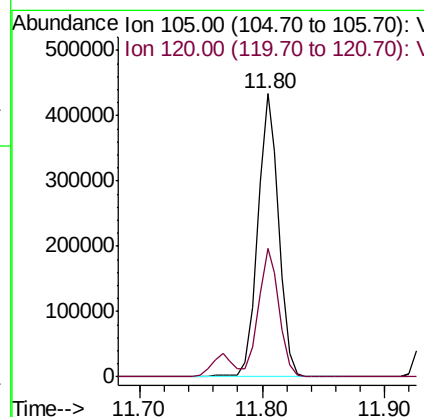
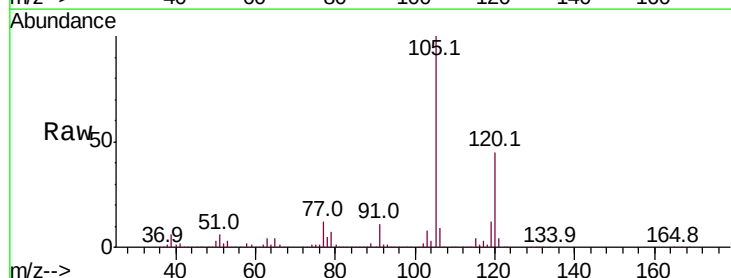
Manual Integrations
APPROVED

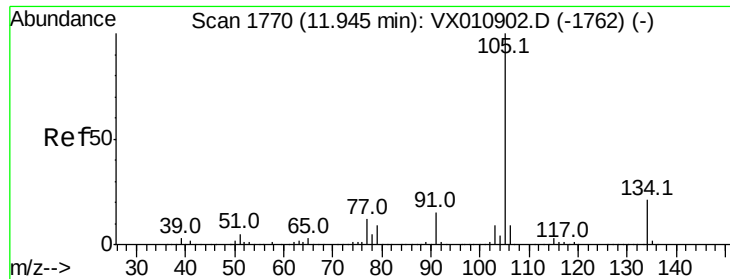
MMDadoda
7/22/2019 12:23:48 PM



#84
1,2,4-Trimethylbenzene
Concen: 53.837 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.9	68.5





#85

sec-Butylbenzene

Concen: 53.183 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 582815

Ion Ratio Lower Upper

105 100

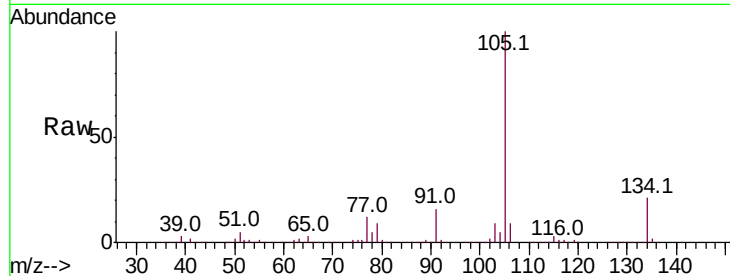
134 20.9 10.4 31.4

Manual Integrations

APPROVED

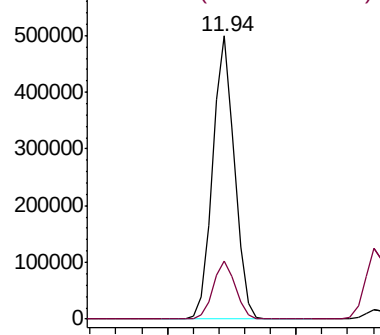
MMDadoda

7/22/2019 12:23:48 PM

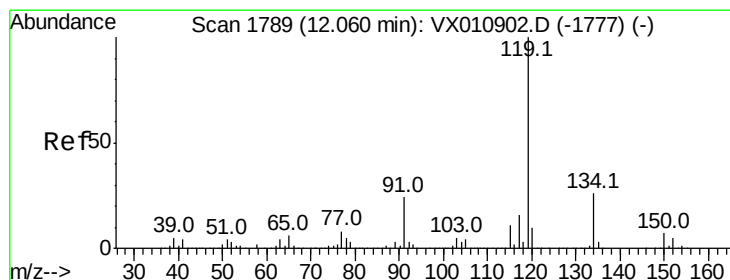
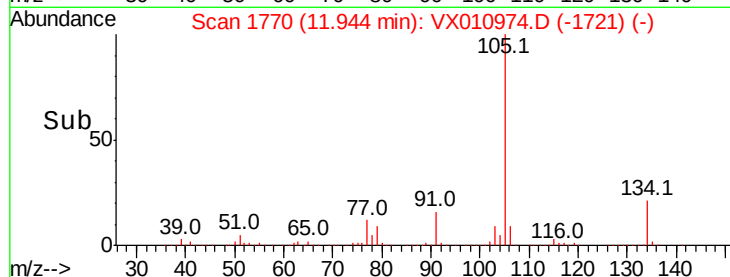


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 53.284 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010974.D

Acq: 18 Jul 2019 21:12

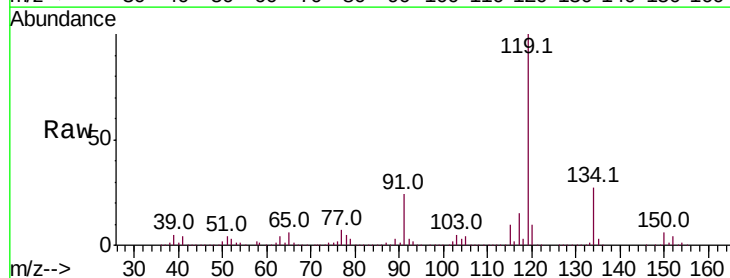
Tgt Ion:119 Resp: 539836

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

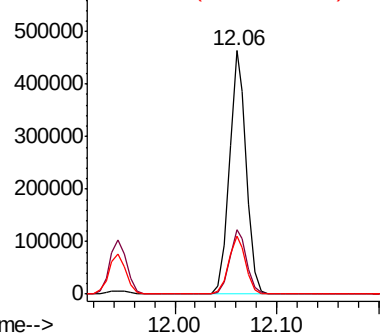
91 24.0 11.8 35.4



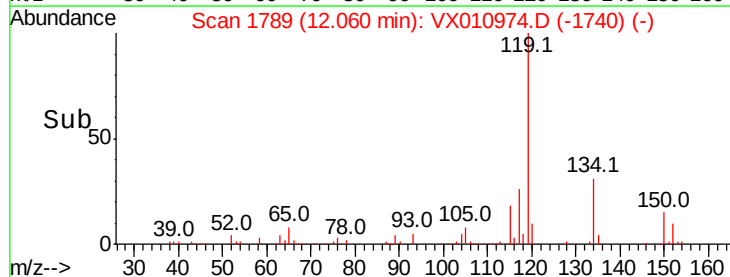
Abundance Ion 119.00 (118.70 to 119.70): V

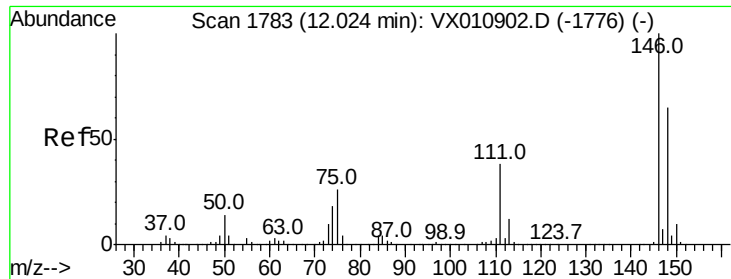
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





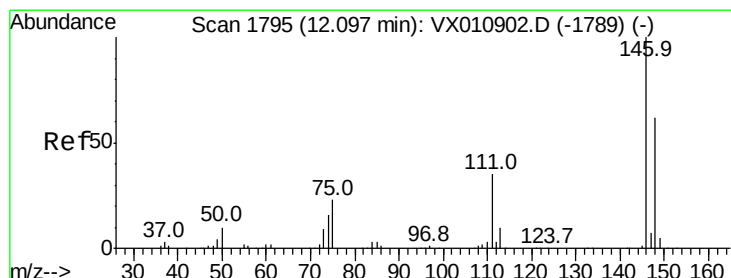
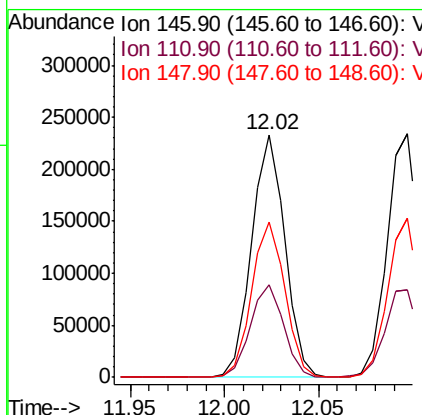
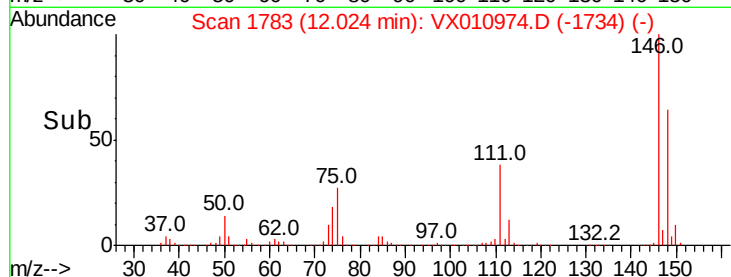
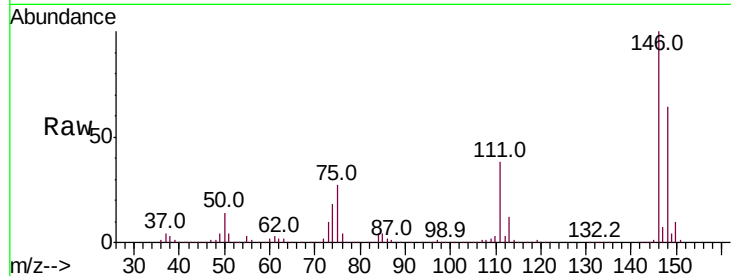
#87
 1,3-Dichlorobenzene
 Concen: 52.244 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	64.2	32.2	96.6

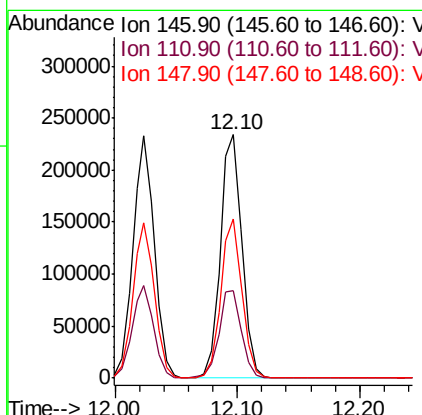
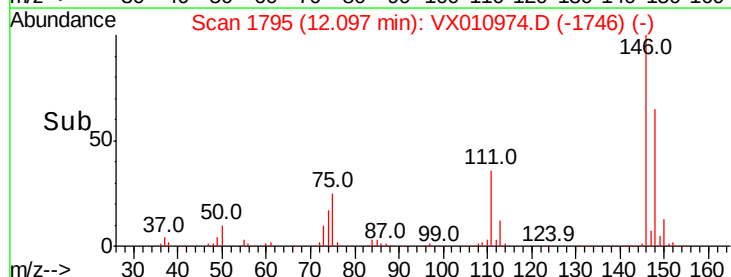
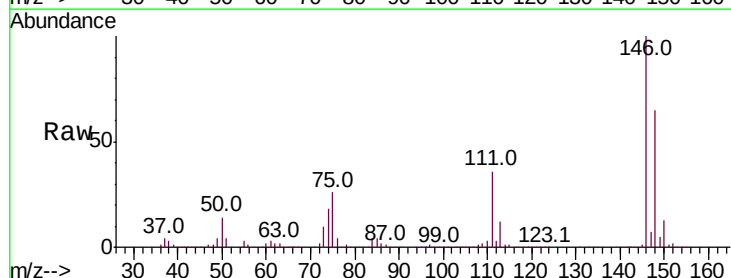
Manual Integrations
 APPROVED

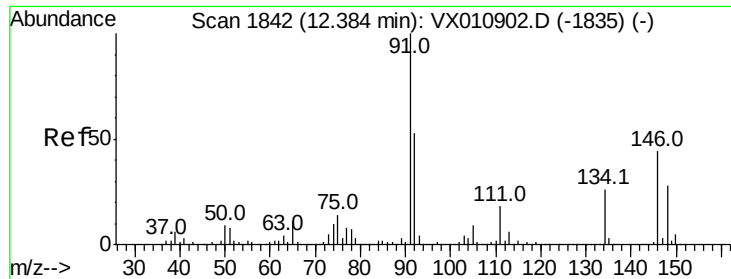
MMDadoda
 7/22/2019 12:23:48 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.023 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	64.1	31.6	94.7





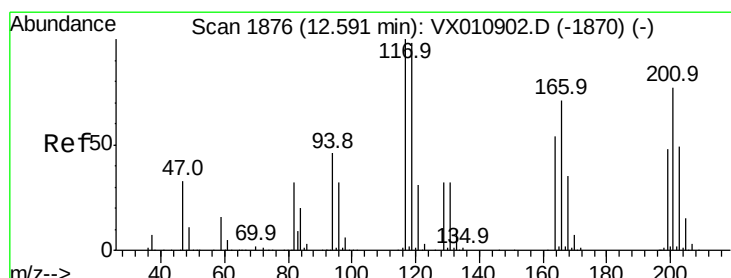
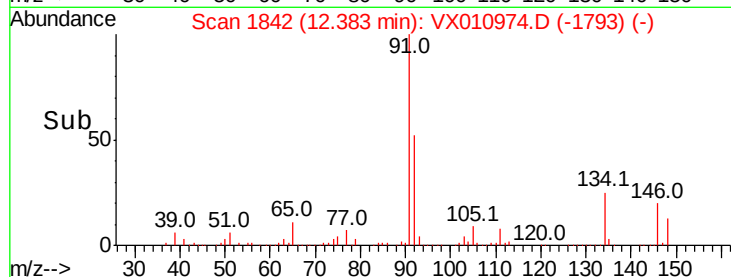
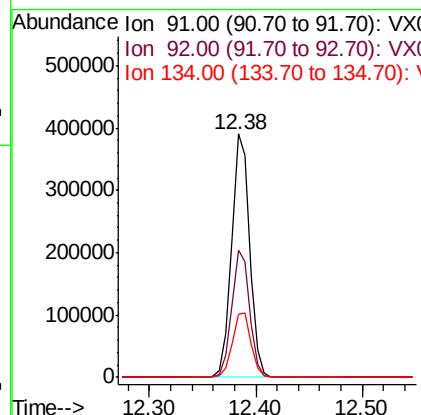
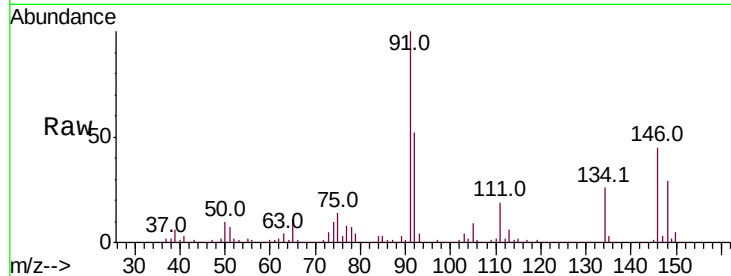
#89
n-Butylbenzene
Concen: 53.529 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.2	78.5
134	27.4	13.8	41.3

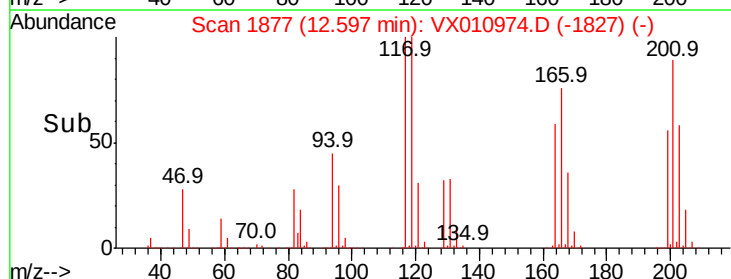
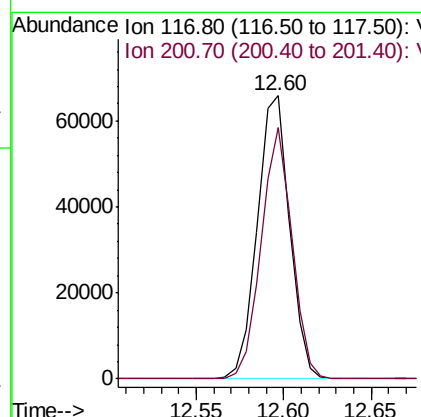
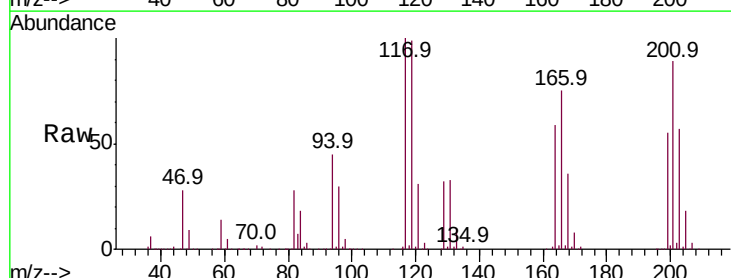
Manual Integrations
APPROVED

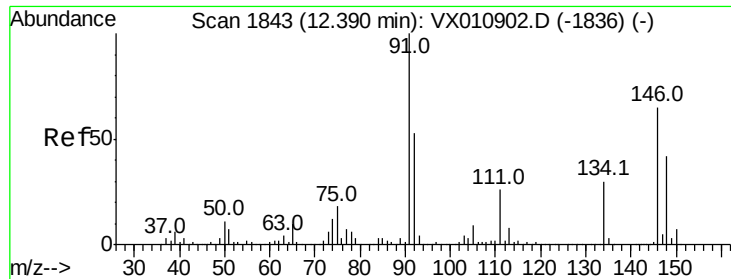
MMDadoda
7/22/2019 12:23:48 PM



#90
Hexachloroethane
Concen: 53.062 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.2	43.3	129.8





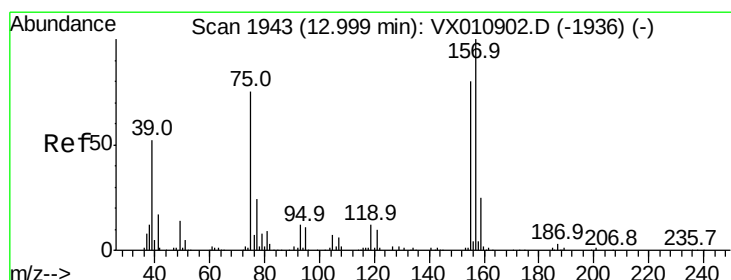
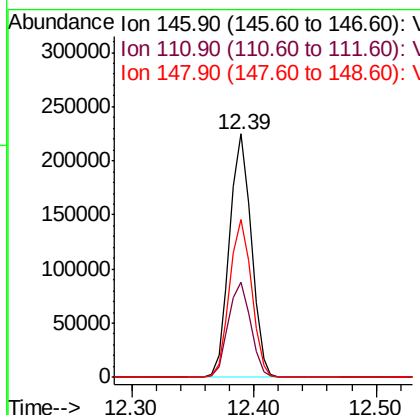
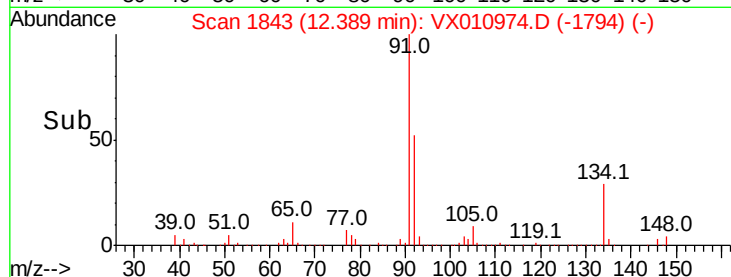
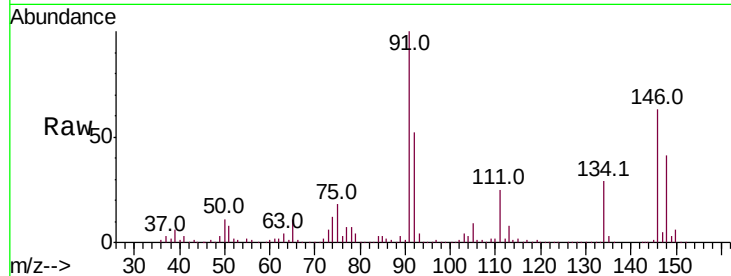
#91
 1,2-Dichlorobenzene
 Concen: 51.324 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	65.3	32.0	96.2

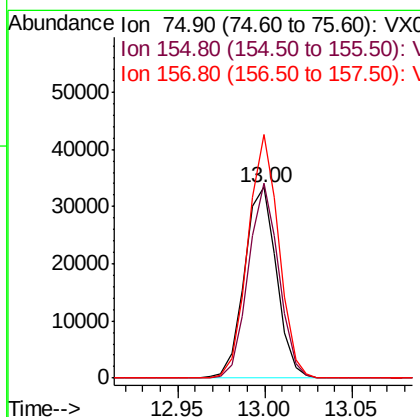
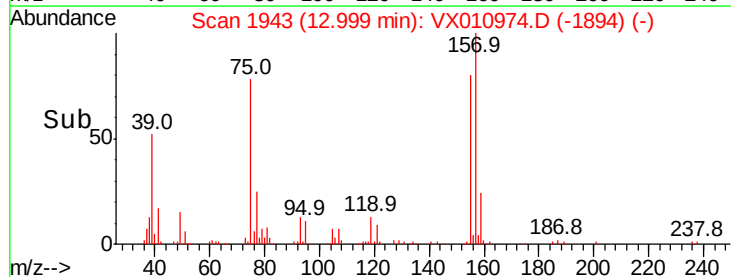
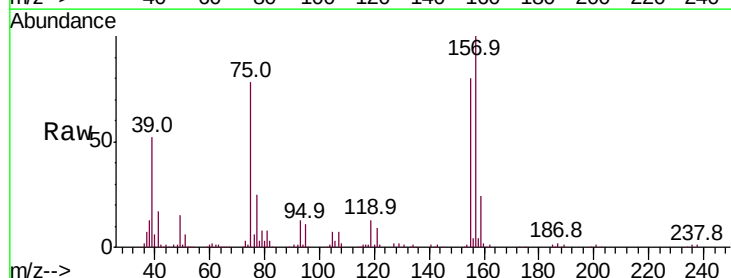
Manual Integrations
 APPROVED

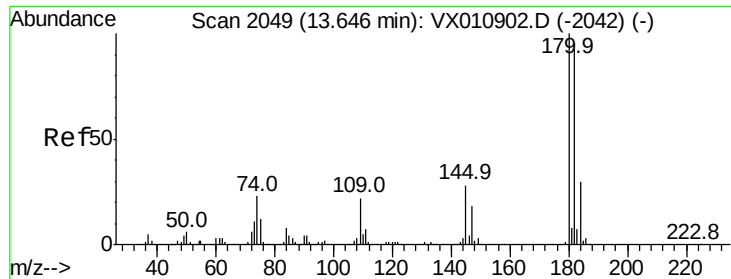
MMDadoda
 7/22/2019 12:23:48 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.494 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.5	48.7	146.1
157	122.4	62.5	187.6





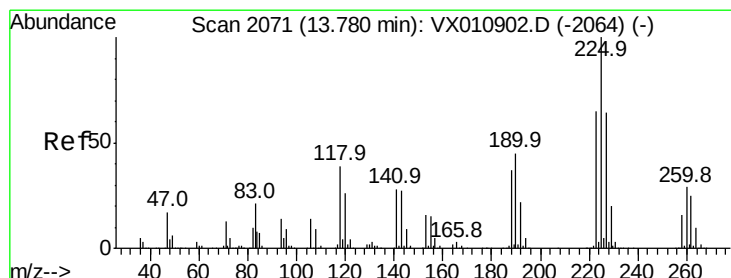
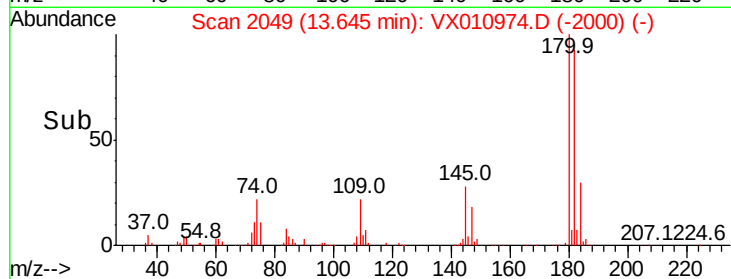
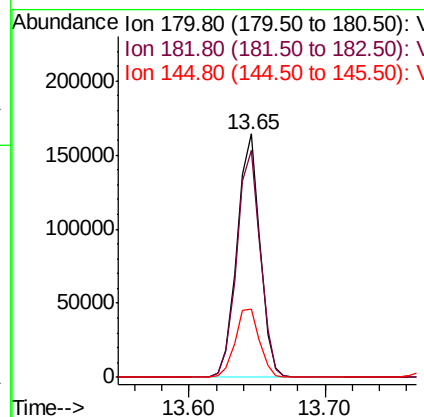
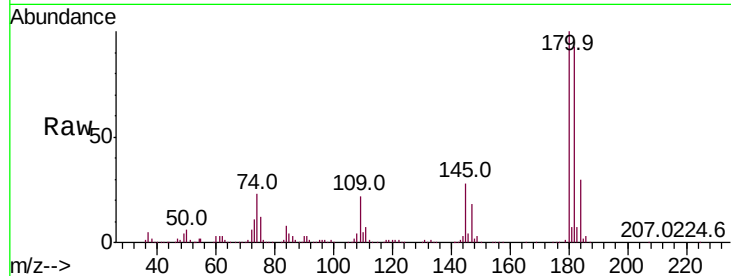
#93
 1,2,4-Trichlorobenzene
 Concen: 52.503 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	192352
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.1	141.3
145	29.7	14.8	44.4

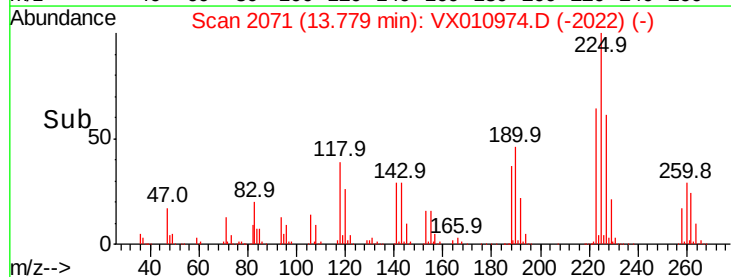
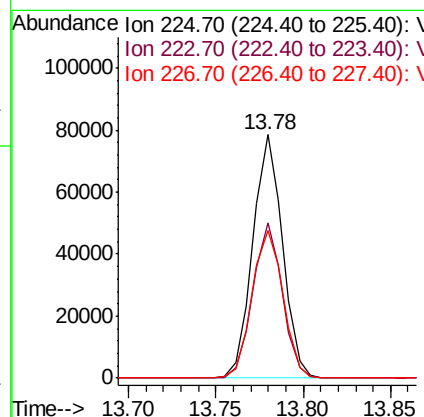
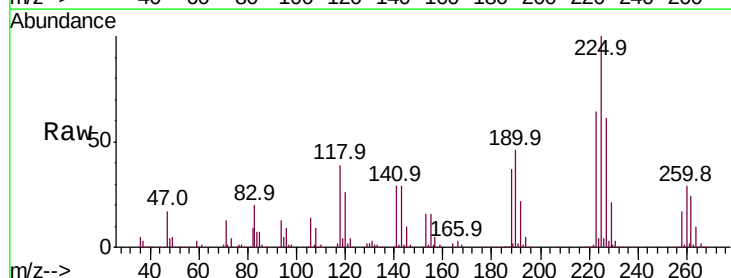
Manual Integrations
 APPROVED

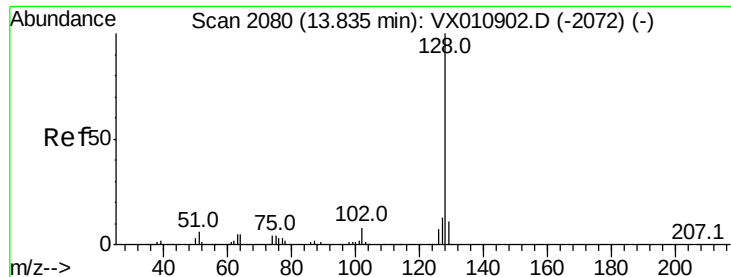
MMDadoda
 7/22/2019 12:23:48 PM



#94
 Hexachlorobutadiene
 Concen: 50.968 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010974.D
 Acq: 18 Jul 2019 21:12

Tgt Ion:	225	Resp:	92532
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.9	95.9
227	63.2	32.5	97.4





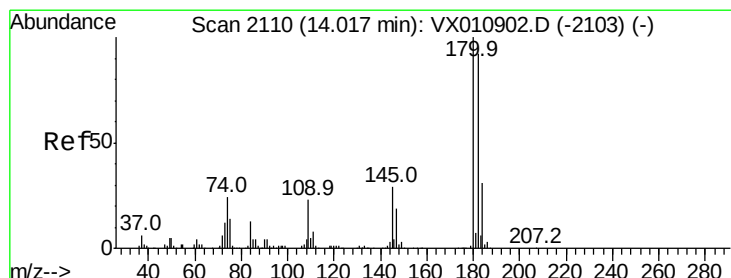
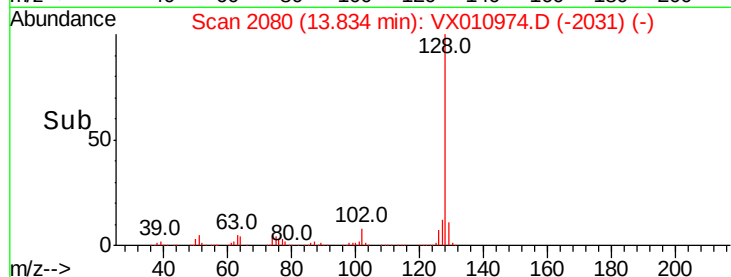
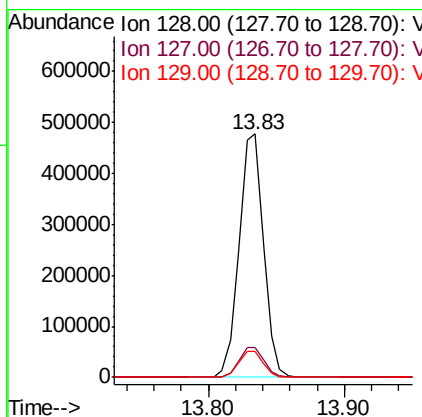
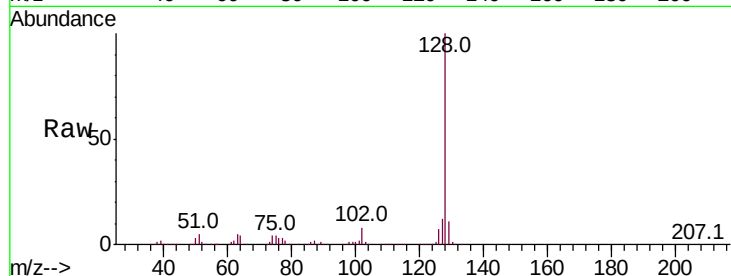
#95
Naphthalene
Concen: 55.024 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	595272		
127	12.8		10.4	15.6
129	10.9		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/22/2019 12:23:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.698 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010974.D
Acq: 18 Jul 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	192097		
182	95.6		47.4	142.3
145	32.2		15.1	45.3

