

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010102.D
 Acq On : 07 Jun 2019 11:54
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:53:27 AM

Quant Time: Jun 07 13:11:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:02:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	326543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	479814	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	431316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	16021	5.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.38%	
35) Dibromofluoromethane	5.49	113	14799	5.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.20%	
50) Toluene-d8	8.71	98	55751	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
62) 4-Bromofluorobenzene	11.13	95	20787	5.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	11679	3.602	ug/l	94
3) Chloromethane	1.32	50	13435	4.527	ug/l	100
4) Vinyl Chloride	1.41	62	12686	4.548	ug/l	99
5) Bromomethane	1.64	94	5368	5.158	ug/l	97
6) Chloroethane	1.71	64	6369m	4.090	ug/l	
7) Trichlorofluoromethane	1.92	101	19842	4.863	ug/l	97
8) Diethyl Ether	2.19	74	7057	5.211	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.38	101	14536	5.286	ug/l	92
10) Methyl Iodide	2.51	142	19922	4.392	ug/l	98
11) Tert butyl alcohol	3.05	59	20391	26.428	ug/l	100
12) 1,1-Dichloroethene	2.37	96	14520	5.121	ug/l #	74
13) Acrolein	2.29	56	3106	20.023	ug/l	96
14) Allyl chloride	2.73	41	21479	5.051	ug/l #	88
15) Acrylonitrile	3.14	53	39055	24.961	ug/l	99
16) Acetone	2.45	43	36695	25.458	ug/l	90
17) Carbon Disulfide	2.57	76	39985	5.009	ug/l	99
18) Methyl Acetate	2.78	43	16155	5.212	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	47321	5.216	ug/l	91
20) Methylene Chloride	2.85	84	16104	5.160	ug/l #	80
21) trans-1,2-Dichloroethene	3.16	96	15867	5.177	ug/l #	78
22) Diisopropyl ether	3.85	45	41526	4.977	ug/l #	93
23) Vinyl Acetate	3.81	43	183314	24.378	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	25393	5.173	ug/l	94
25) 2-Butanone	4.67	43	54934	24.904	ug/l #	85
26) 2,2-Dichloropropane	4.58	77	24492	5.421	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	17705	5.064	ug/l	82
28) Bromochloromethane	5.01	49	11197	5.049	ug/l #	51
29) Tetrahydrofuran	5.13	42	33908	24.878	ug/l #	74
30) Chloroform	5.21	83	26069	5.016	ug/l	98
31) Cyclohexane	5.58	56	23029	5.027	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	24096	5.086	ug/l	94
36) 1,1-Dichloropropene	5.79	75	19913	5.313	ug/l	91
37) Ethyl Acetate	4.83	43	20342	5.156	ug/l #	86
38) Carbon Tetrachloride	5.78	117	22487	5.296	ug/l	99

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 ALS Vial : 3 Sample Multiplier: 1

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

39) Methylcyclohexane	7.46	83	27551	5.430	ug/l #	82
40) Benzene	6.14	78	60872	5.161	ug/l	100
41) Methacrylonitrile	5.04	41	10937	5.075	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	19607	5.231	ug/l	93
43) Isopropyl Acetate	6.45	43	34231	5.207	ug/l #	89
44) Trichloroethene	7.21	130	18037	5.183	ug/l	81
45) 1,2-Dichloropropane	7.51	63	15049	5.105	ug/l	95
46) Dibromomethane	7.66	93	11428	5.383	ug/l	93
47) Bromodichloromethane	7.90	83	21425	5.175	ug/l #	97
48) Methyl methacrylate	7.77	41	15582	4.891	ug/l #	77
49) 1,4-Dioxane	7.74	88	9300	106.149	ug/l #	85
51) 4-Methyl-2-Pentanone	8.64	43	105581	25.713	ug/l	89
52) Toluene	8.78	92	40930	5.354	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	24113	5.015	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	25881	5.075	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	16922	5.288	ug/l	96
56) Ethyl methacrylate	9.18	69	26235	5.118	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	25590	5.151	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	62021	25.349	ug/l #	86
59) 2-Hexanone	9.49	43	84506	26.008	ug/l	90
60) Dibromochloromethane	9.58	129	19405	5.128	ug/l	98
61) 1,2-Dibromoethane	9.67	107	18362	5.231	ug/l	100
64) Tetrachloroethene	9.34	164	16729	5.575	ug/l	95
65) Chlorobenzene	10.13	112	44902	5.225	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	17536	5.295	ug/l	99
67) Ethyl Benzene	10.25	91	77303	5.277	ug/l	95
68) m/p-Xylenes	10.36	106	61034	10.765	ug/l	90
69) o-Xylene	10.69	106	30328	5.439	ug/l	88
70) Styrene	10.71	104	50537	5.215	ug/l	96
71) Bromoform	10.85	173	15810	5.146	ug/l #	99
73) Isopropylbenzene	11.02	105	78089	5.235	ug/l	95
74) N-amyl acetate	10.90	43	30040	5.047	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.27	83	26108	5.170	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	21481m	5.093	ug/l	
77) Bromobenzene	11.26	156	21571	5.286	ug/l	80
78) n-propylbenzene	11.36	91	86168	5.143	ug/l	93
79) 2-Chlorotoluene	11.42	91	51954	5.213	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	66281	5.310	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	9887	5.028	ug/l	85
82) 4-Chlorotoluene	11.51	91	59603	5.172	ug/l	93
83) tert-Butylbenzene	11.77	119	67584	5.354	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	66450	5.253	ug/l	96
85) sec-Butylbenzene	11.94	105	77533	5.251	ug/l	94
86) p-Isopropyltoluene	12.06	119	70534	5.191	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	37351	5.180	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	38080	5.362	ug/l	99
89) n-Butylbenzene	12.38	91	59888	5.087	ug/l	95
90) Hexachloroethane	12.59	117	13716	5.113	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	37213	5.331	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6009	5.184	ug/l	73

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MSVOA_X
ClientSampleId :
VSTDICC005

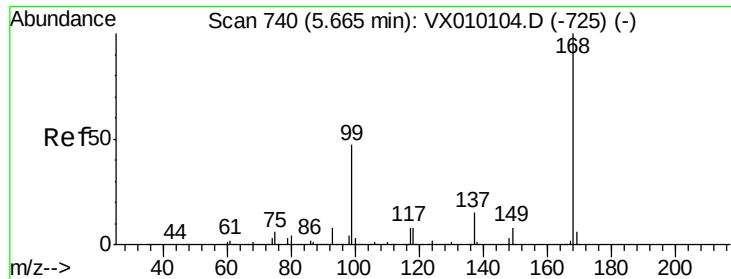
Manual Integrations
APPROVED

MMDadoda
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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	25286	5.076	ug/l	99
94) Hexachlorobutadiene	13.78	225	12351	5.574	ug/l	97
95) Naphthalene	13.83	128	81432	5.068	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	26101	5.287	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion:168 Resp: 326543

Ion Ratio Lower Upper

168 100

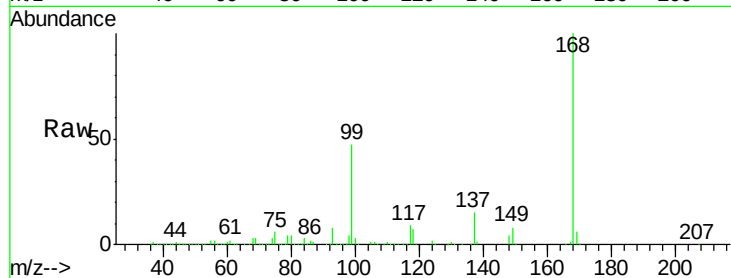
99 47.1 43.0 64.6

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

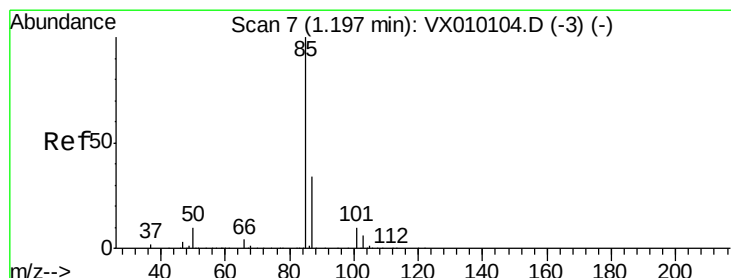
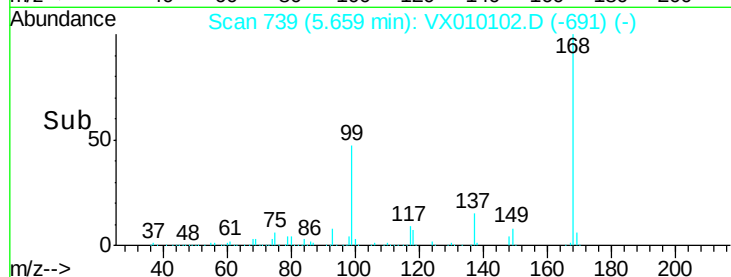
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.602 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010102.D

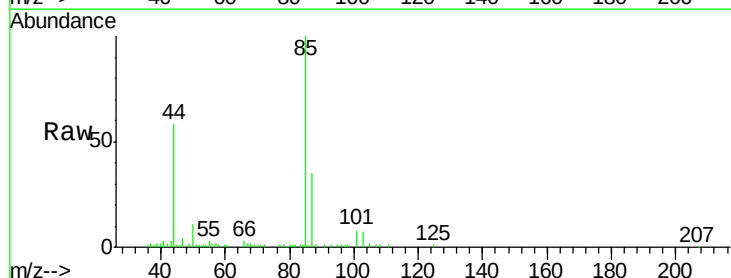
Acq: 07 Jun 2019 11:54

Tgt Ion: 85 Resp: 11679

Ion Ratio Lower Upper

85 100

87 35.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

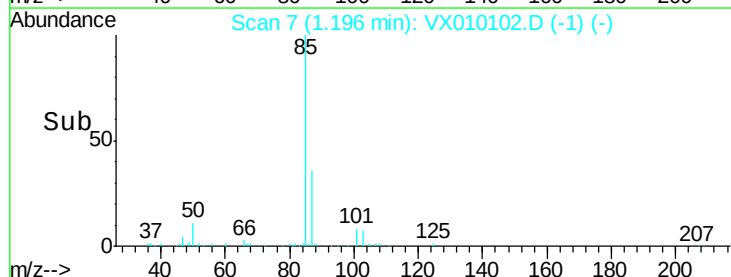
1.20

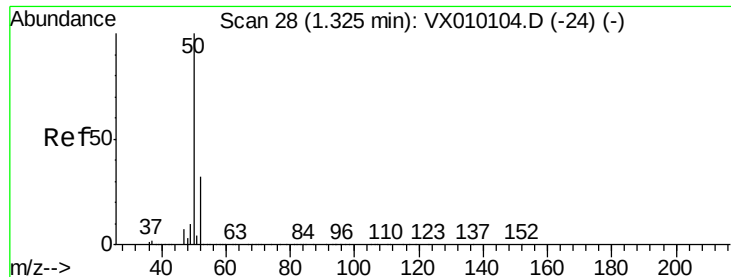
10000

5000

0

Time-->





#3

Chloromethane

Concen: 4.527 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 13435

Ion Ratio Lower Upper

50 100

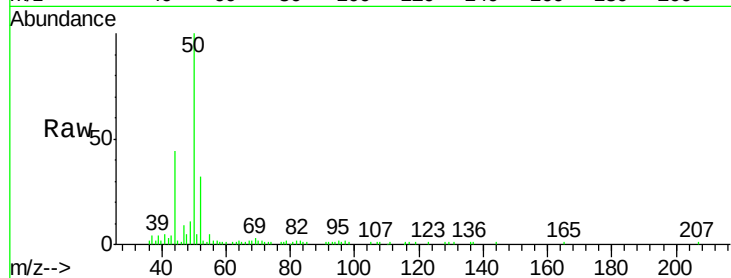
52 32.3 26.0 39.0

Manual Integrations

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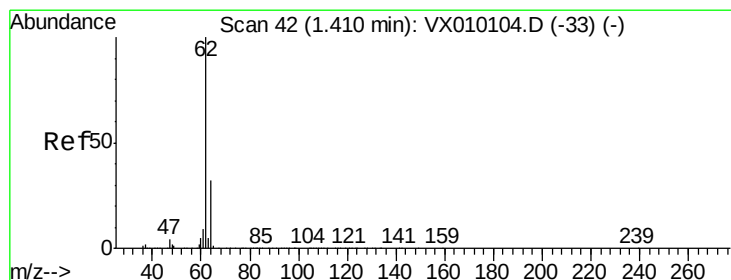
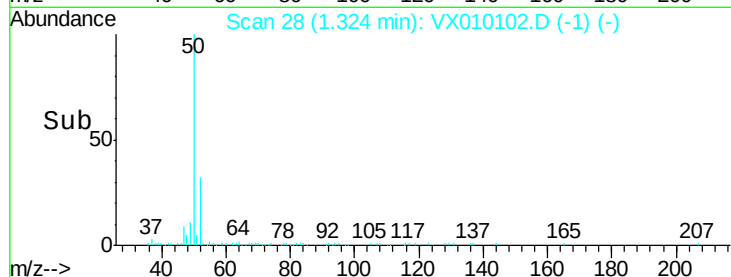
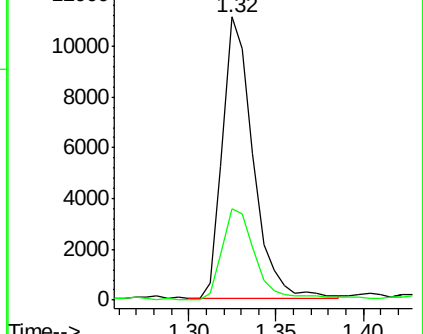
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.548 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010102.D

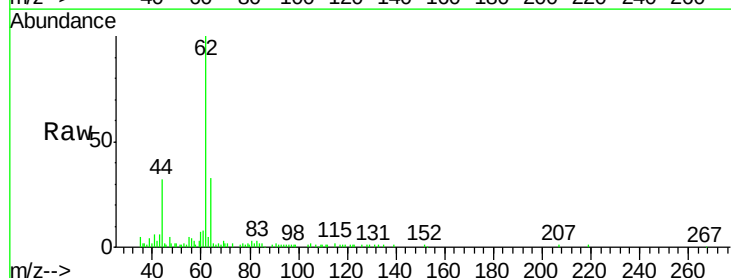
Acq: 07 Jun 2019 11:54

Tgt Ion: 62 Resp: 12686

Ion Ratio Lower Upper

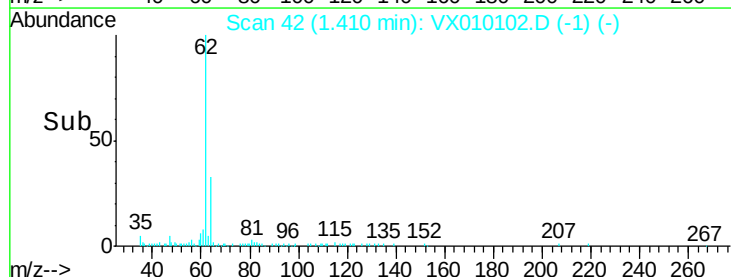
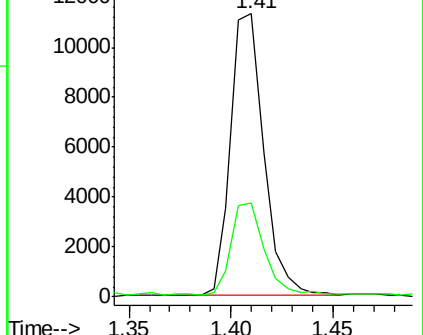
62 100

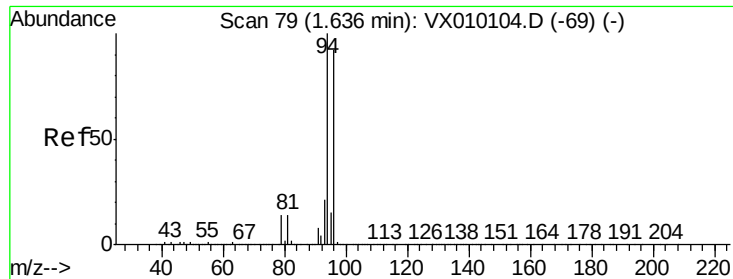
64 32.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.158 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 5368

Ion Ratio Lower Upper

94 100

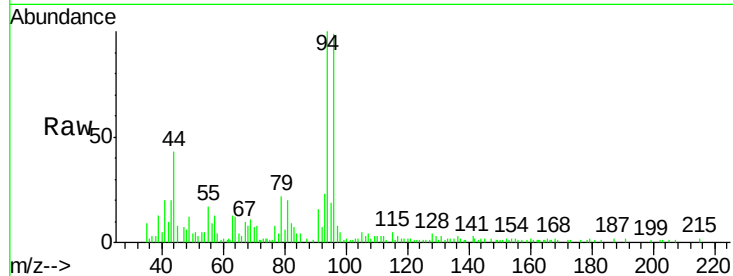
96 98.0 76.2 114.4

Manual Integrations

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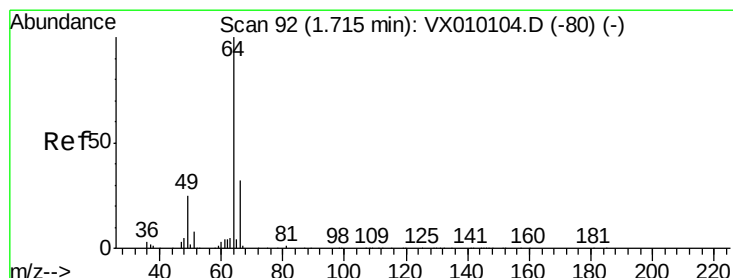
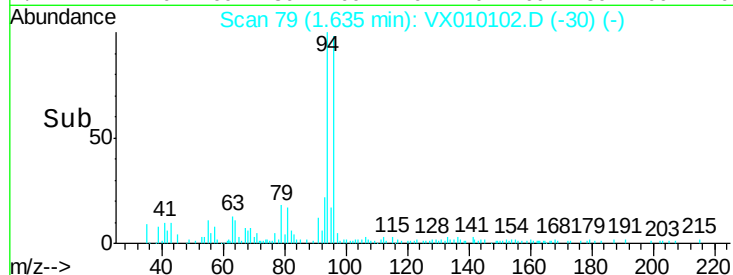
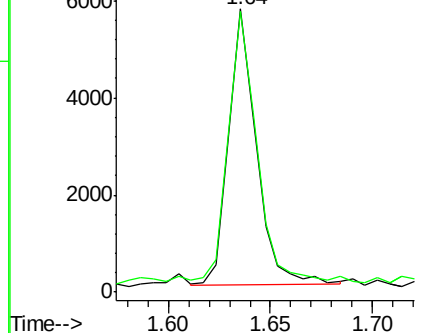
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 4.090 ug/l m

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX010102.D

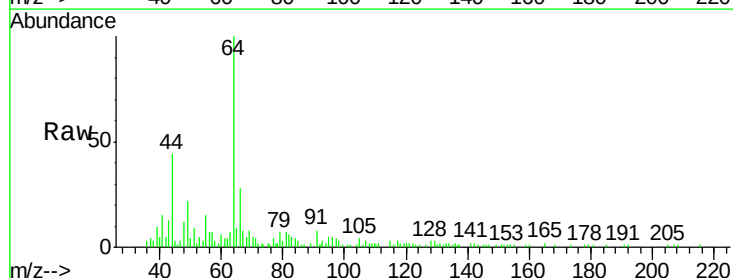
Acq: 07 Jun 2019 11:54

Tgt Ion: 64 Resp: 6369

Ion Ratio Lower Upper

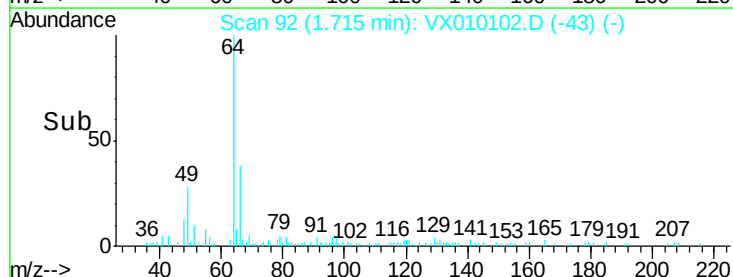
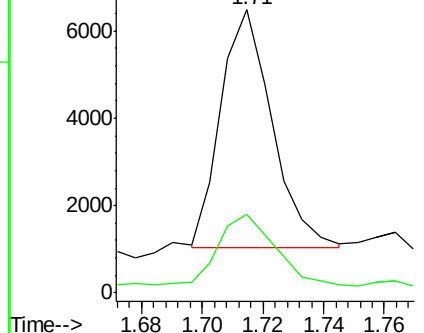
64 100

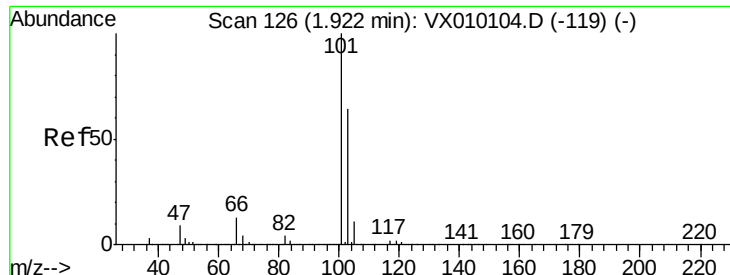
66 27.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 4.863 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:101 Resp: 19842

Ion Ratio Lower Upper

101 100

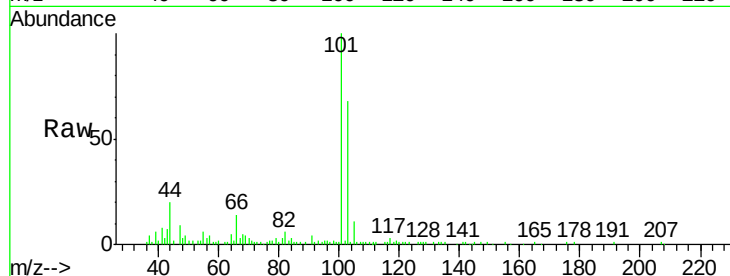
103 67.6 52.2 78.4

Manual Integrations

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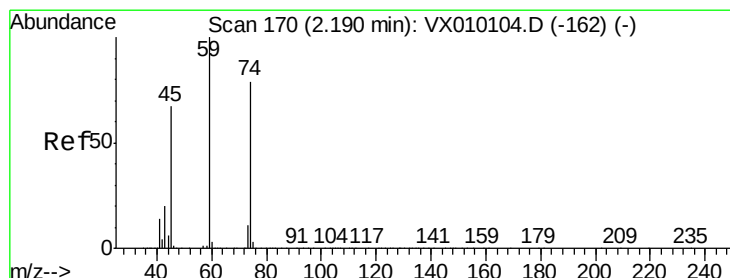
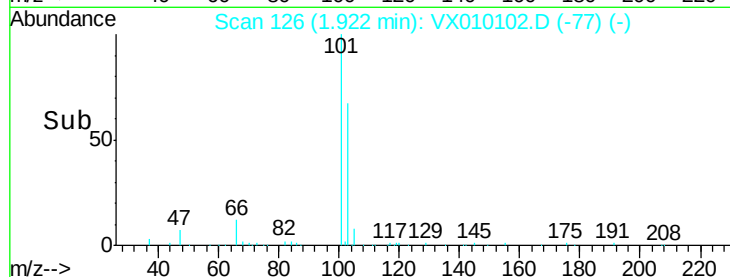
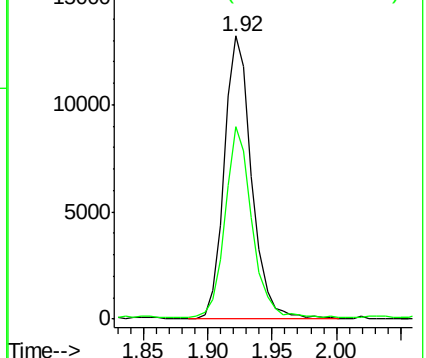
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.211 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX010102.D

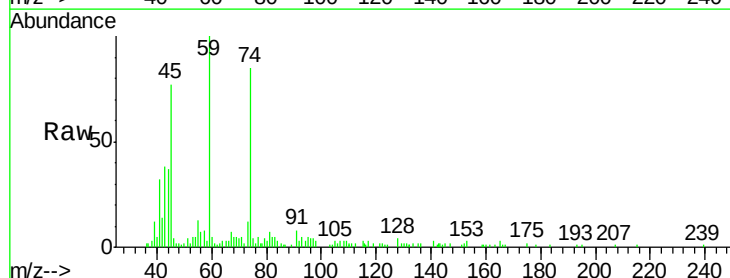
Acq: 07 Jun 2019 11:54

Tgt Ion: 74 Resp: 7057

Ion Ratio Lower Upper

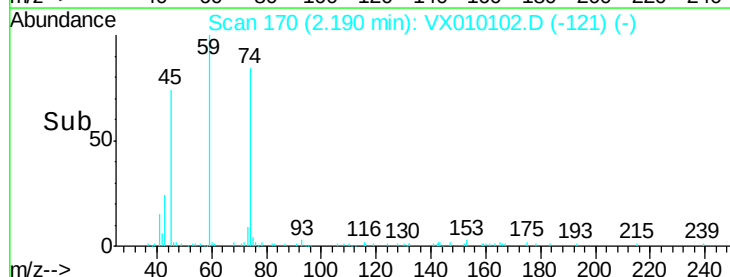
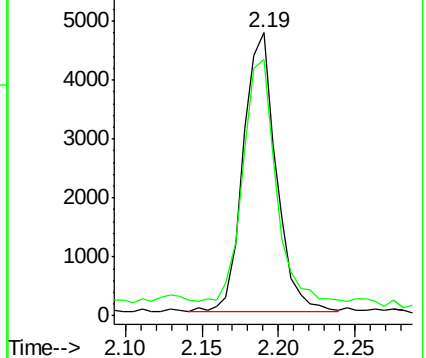
74 100

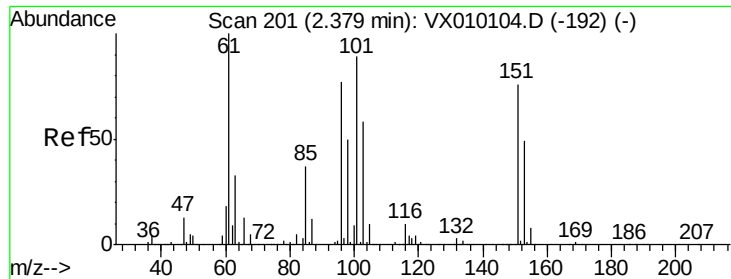
45 86.6 56.1 168.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.286 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

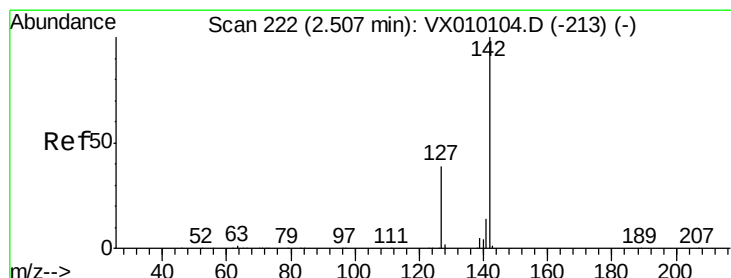
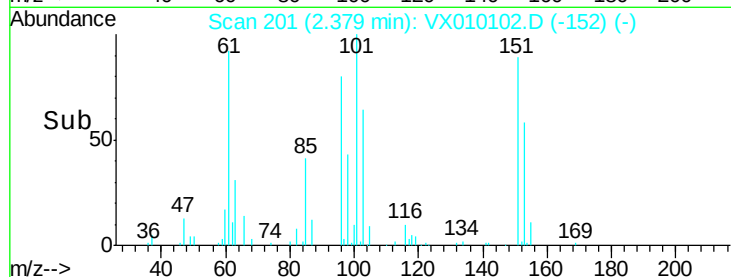
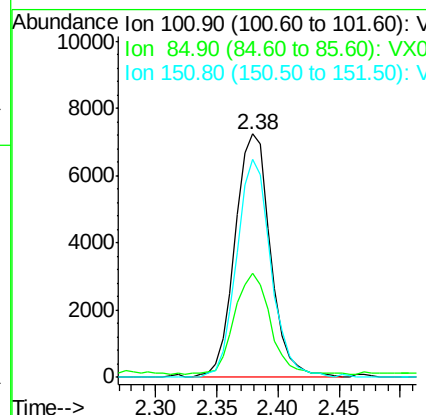
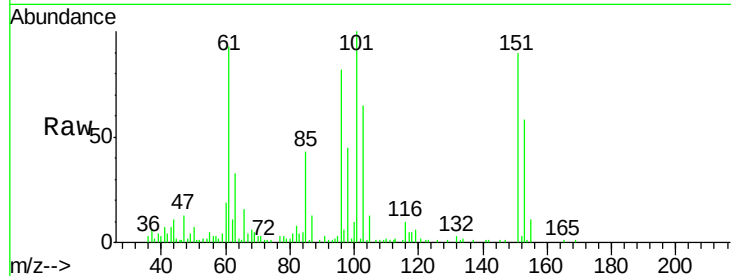
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	14536
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.2	52.8
151	86.8	61.9	92.9

Manual Integrations
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6/10/2019 10:53:27 AM



#10

Methyl Iodide

Concen: 4.392 ug/l

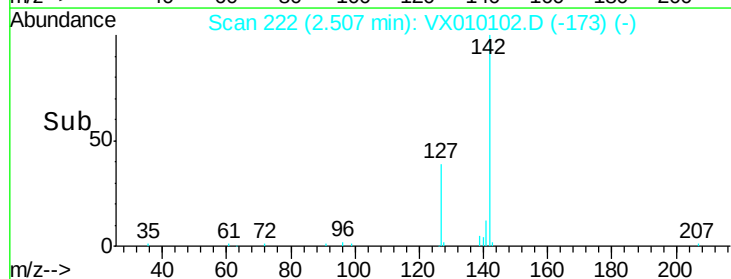
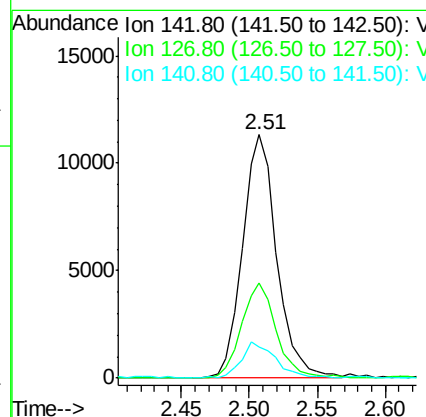
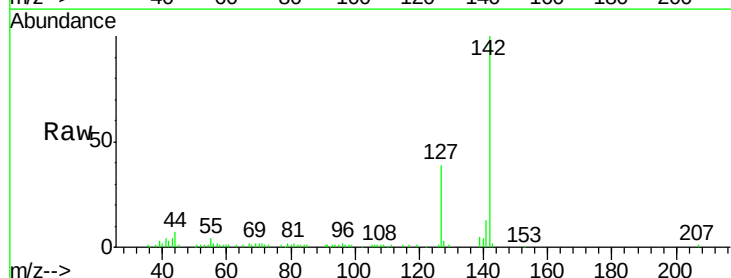
RT: 2.51 min Scan# 222

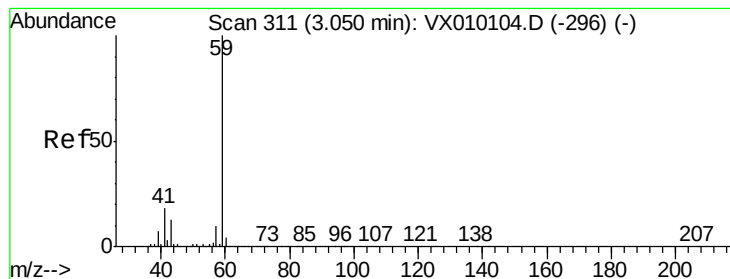
Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion:	142	Resp:	19922
Ion Ratio	Lower	Upper	
142	100		
127	39.6	33.0	49.4
141	14.9	11.4	17.0





#11

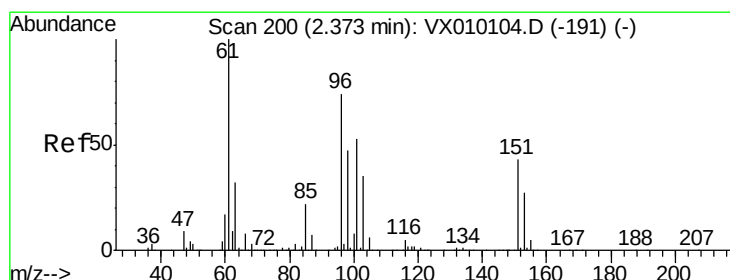
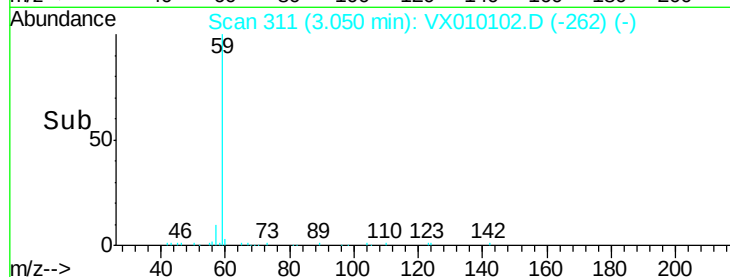
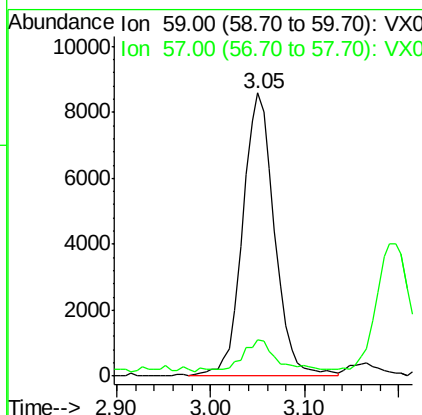
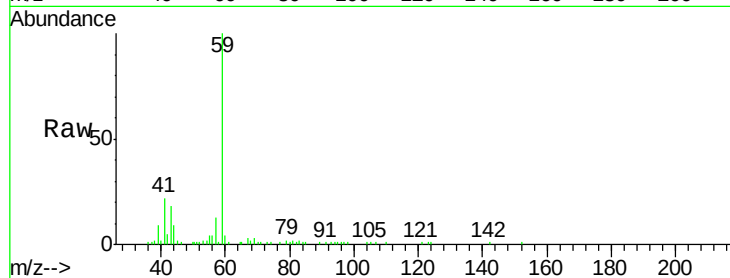
Tert butyl alcohol
Concen: 26.428 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

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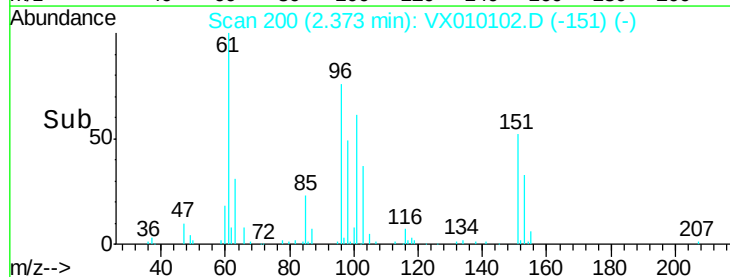
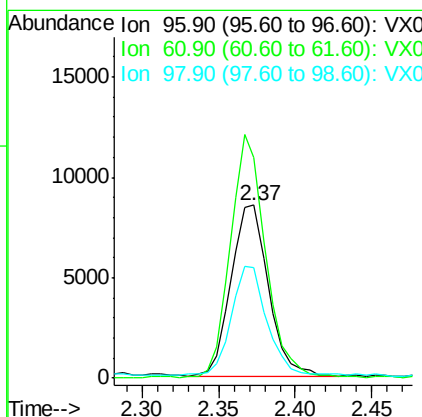
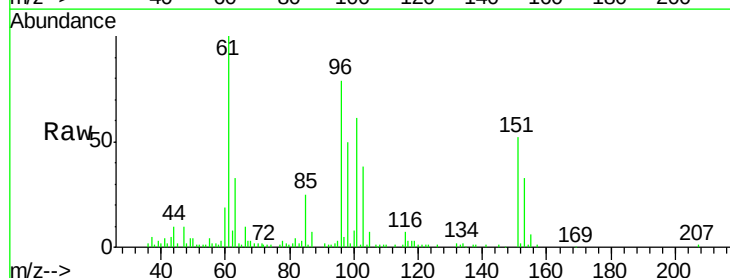
MMDadoda
6/10/2019 10:53:27 AM

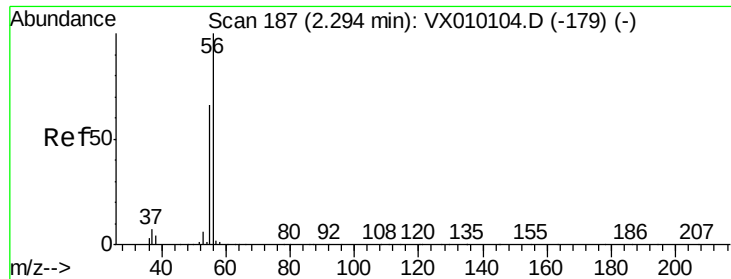


#12

1,1-Dichloroethene
Concen: 5.121 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.7	140.7	211.1#
98	62.2	50.1	75.1





#13

Acrolein

Concen: 20.023 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 3106

Ion Ratio Lower Upper

56 100

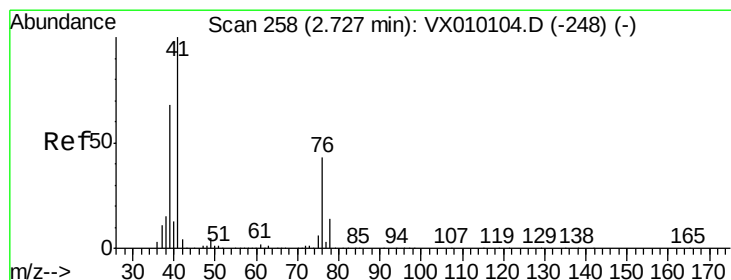
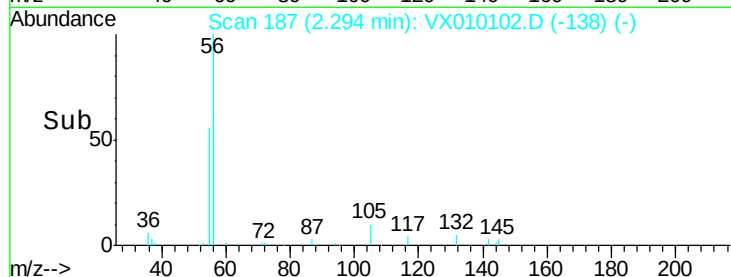
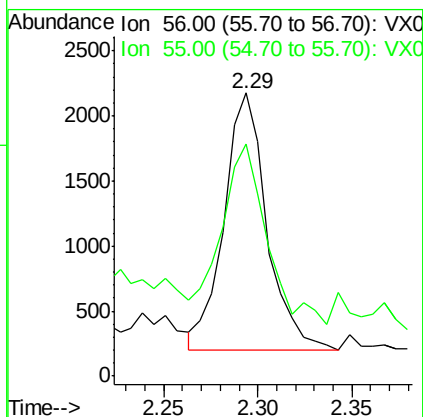
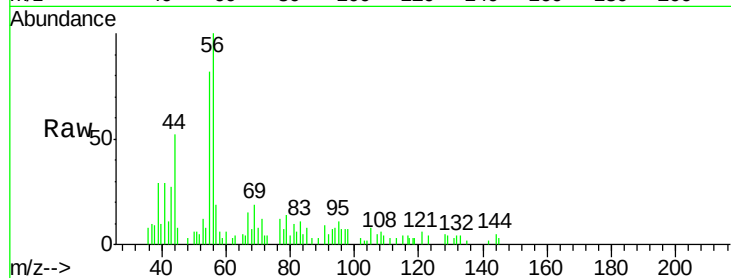
55 74.1 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 5.051 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

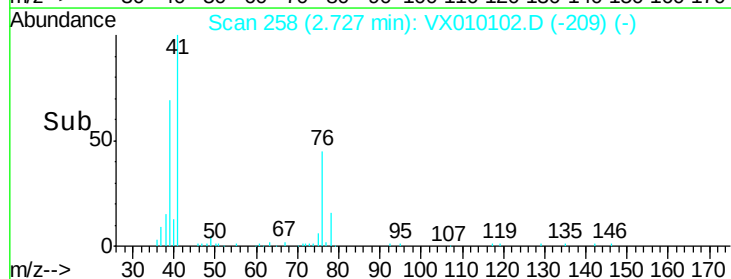
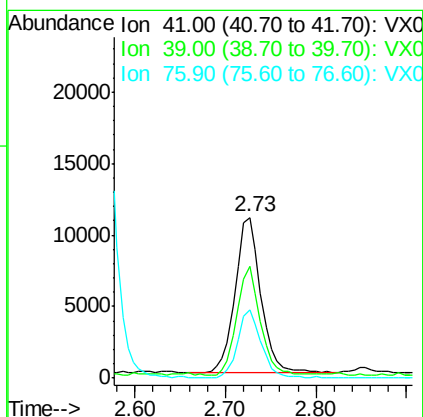
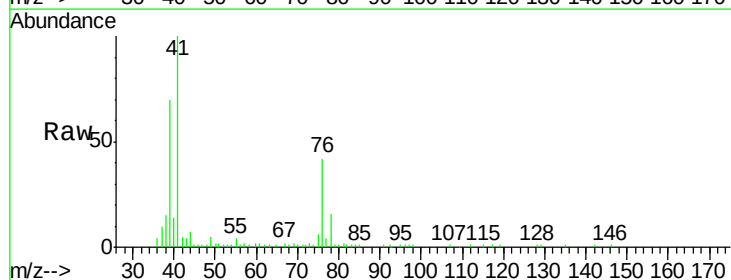
Tgt Ion: 41 Resp: 21479

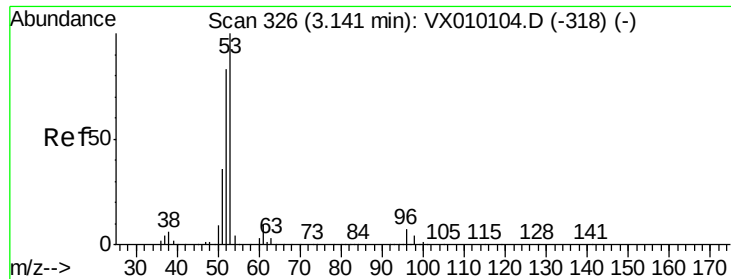
Ion Ratio Lower Upper

41 100

39 62.5 46.7 70.1

76 39.9 21.0 31.4#





#15

Acrylonitrile

Concen: 24.961 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

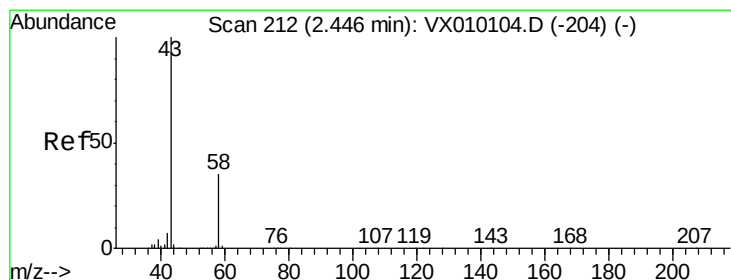
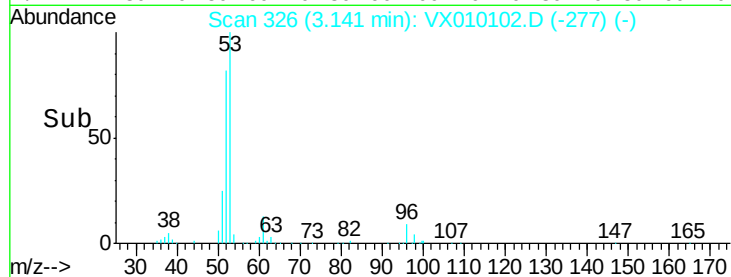
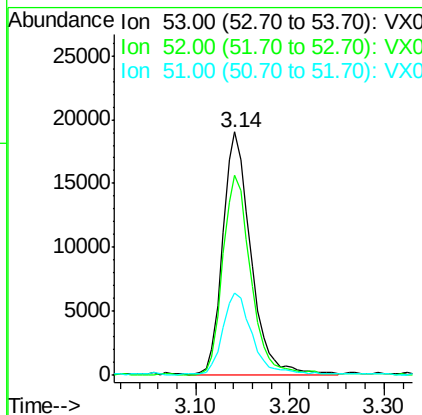
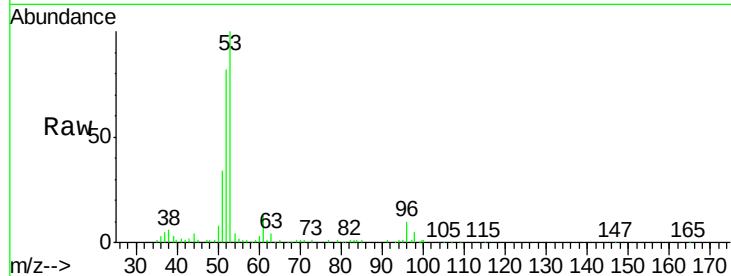
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	39055
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.7	100.1
51	35.1	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 25.458 ug/l

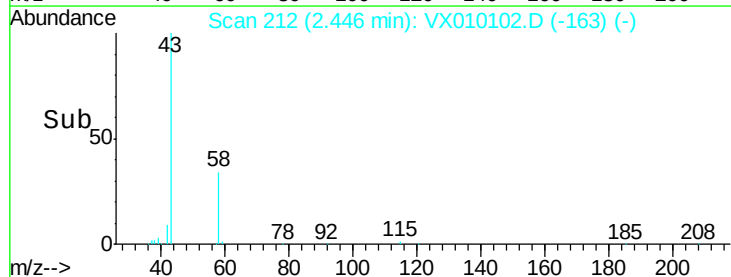
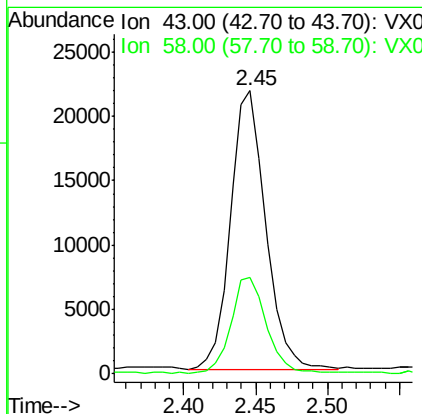
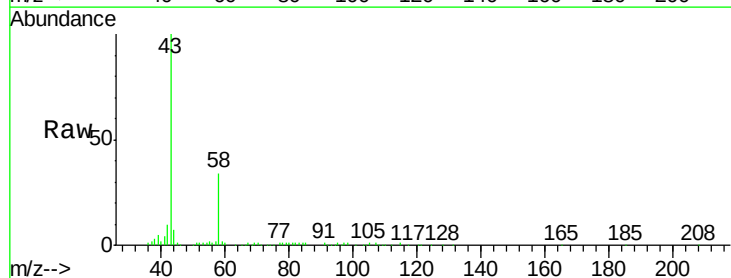
RT: 2.45 min Scan# 212

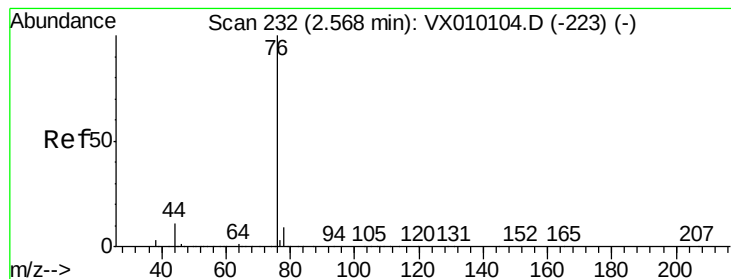
Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion:	43	Resp:	36695
Ion	Ratio	Lower	Upper
43	100		
58	34.4	23.2	34.8





#17

Carbon Disulfide

Concen: 5.009 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 39985

Ion Ratio Lower Upper

76 100

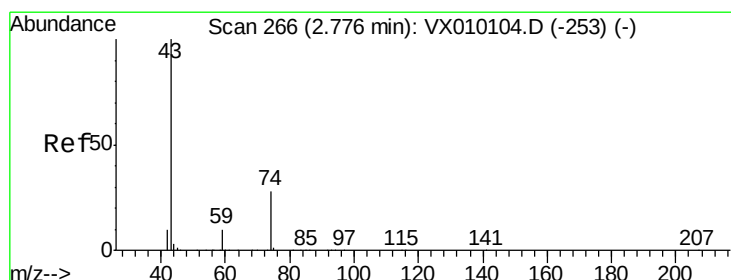
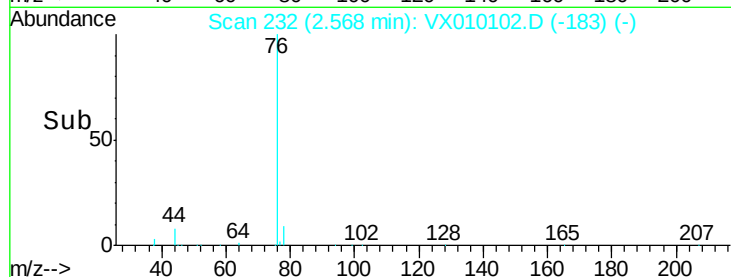
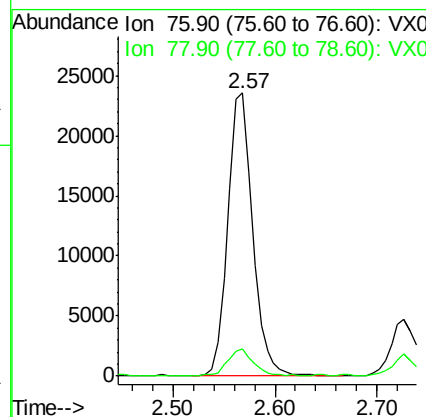
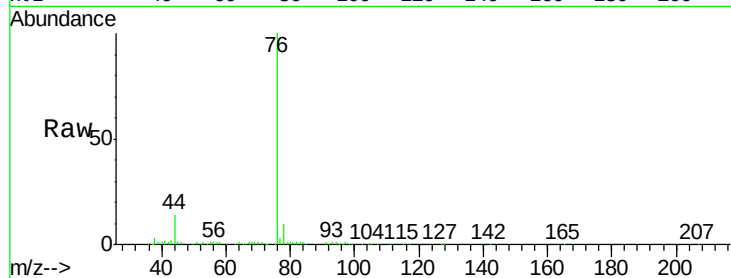
78 9.2 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 5.212 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010102.D

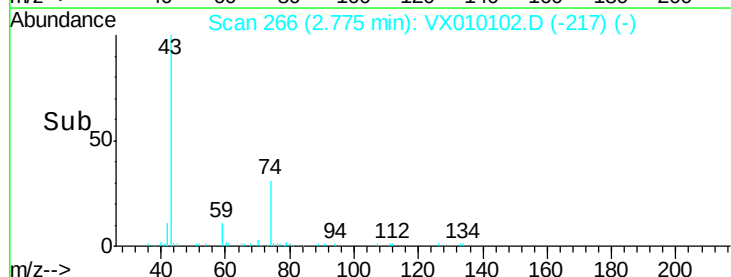
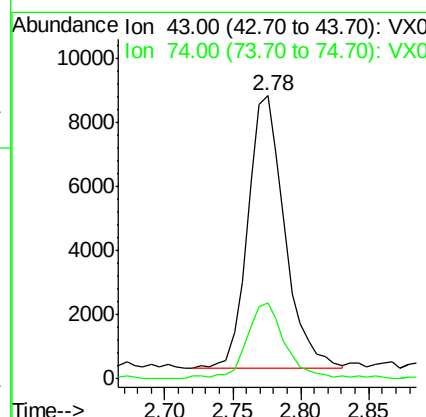
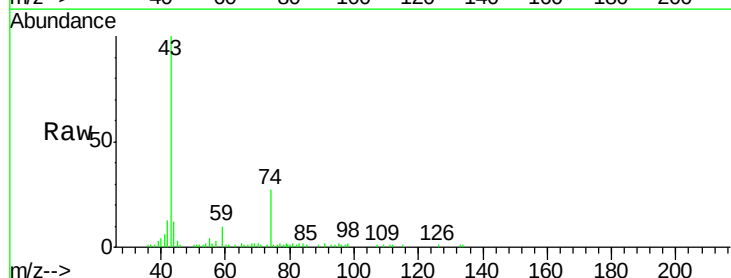
Acq: 07 Jun 2019 11:54

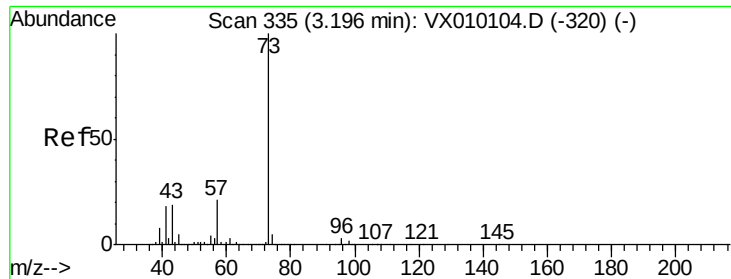
Tgt Ion: 43 Resp: 16155

Ion Ratio Lower Upper

43 100

74 27.1 15.8 23.6#





#19

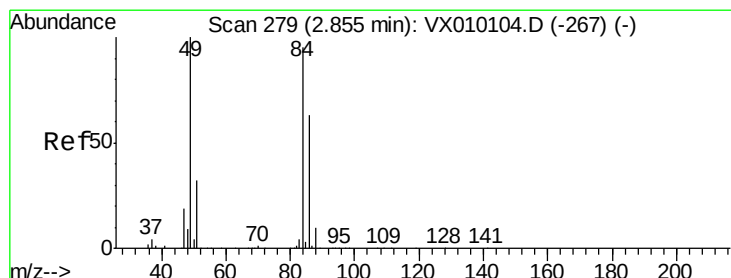
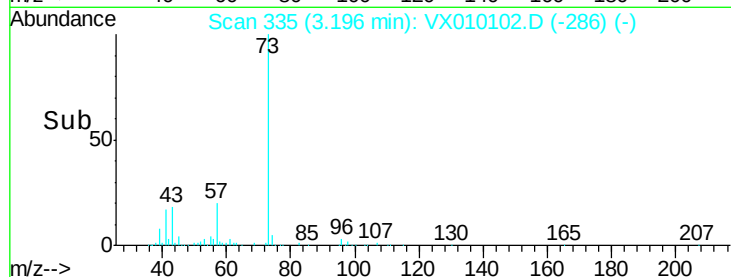
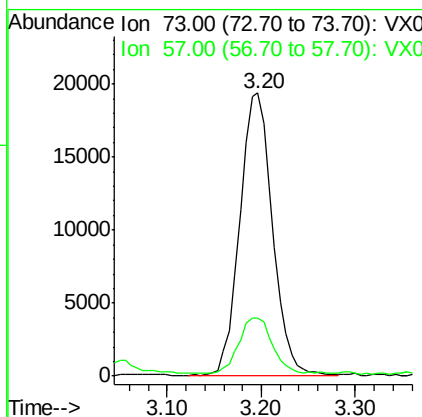
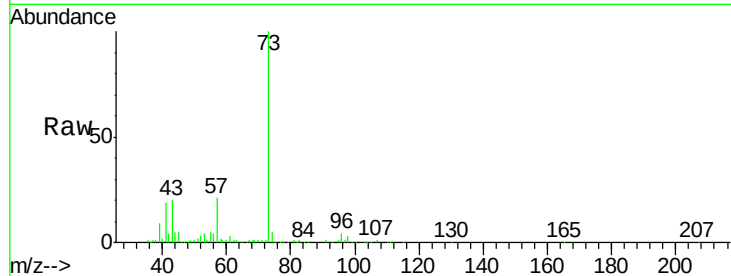
Methyl tert-butyl Ether
 Concen: 5.216 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.6	19.4	29.2

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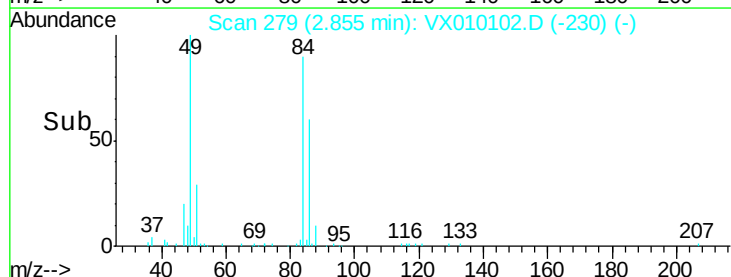
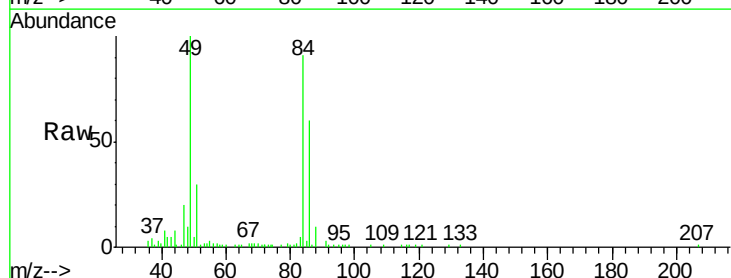
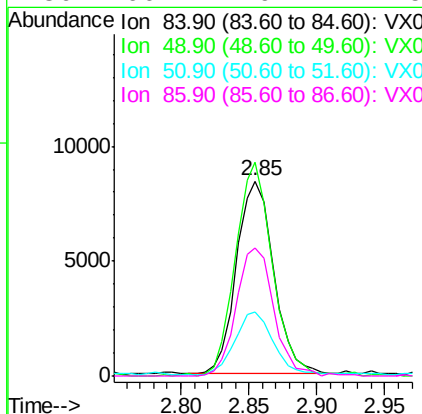
MMDadoda
 6/10/2019 10:53:27 AM

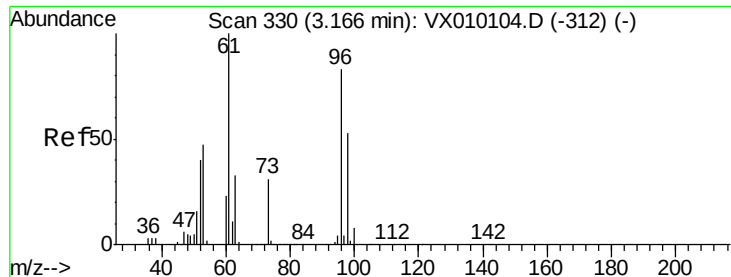


#20

Methylene Chloride
 Concen: 5.160 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.9	115.8	173.6#
51	32.5	34.4	51.6#
86	66.2	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 5.177 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 15867

Ion Ratio Lower Upper

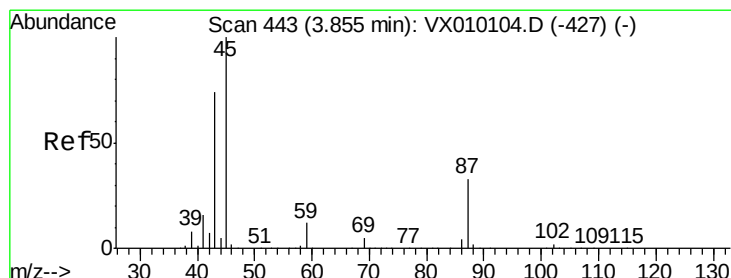
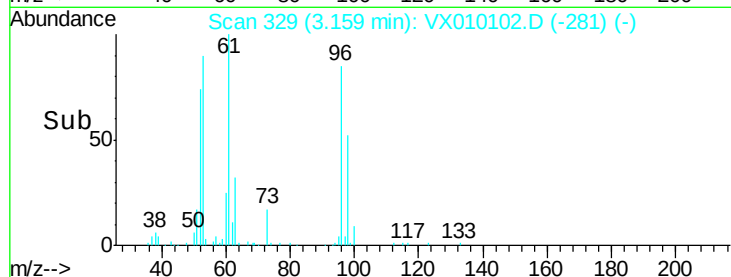
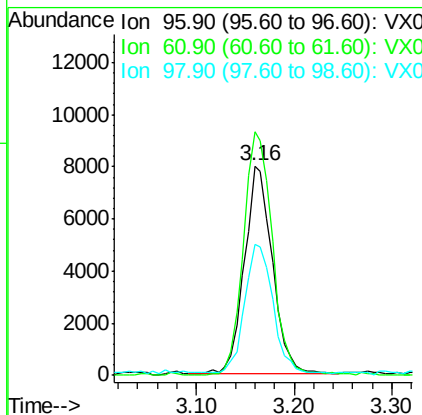
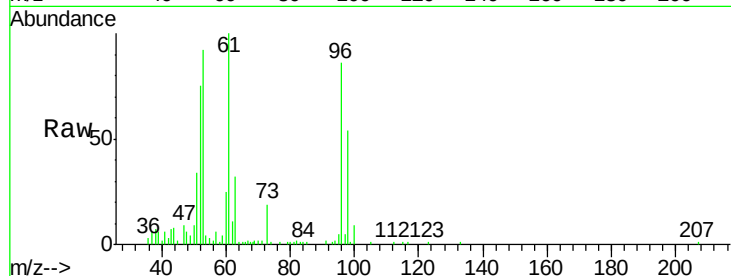
96 100

61 117.2 125.7 188.5#

98 61.6 49.0 73.6

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#22

Diisopropyl ether

Concen: 4.977 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion: 45 Resp: 41526

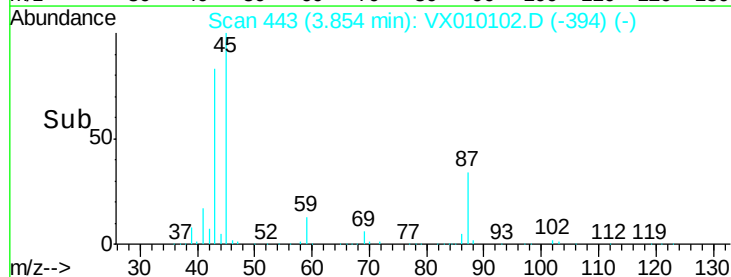
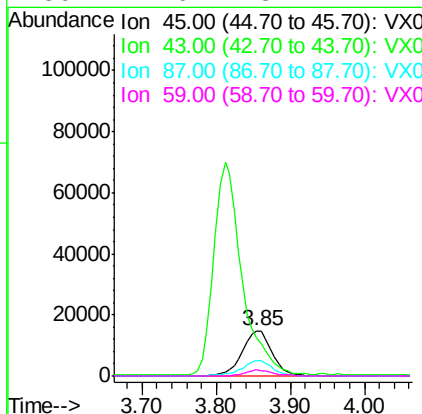
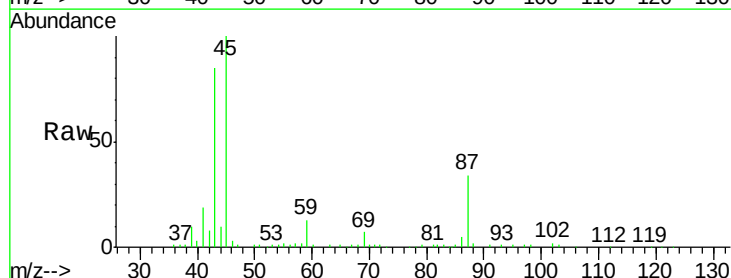
Ion Ratio Lower Upper

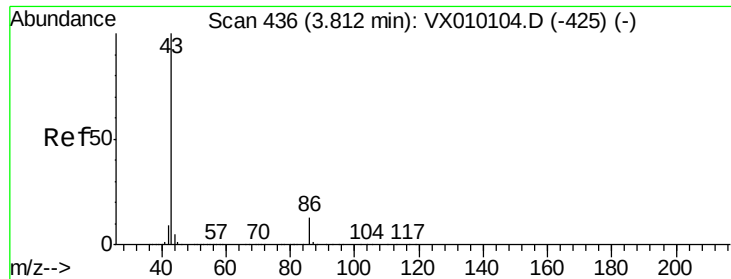
45 100

43 83.3 65.0 97.4

87 33.9 17.3 25.9#

59 12.6 8.1 12.1#





#23

Vinyl Acetate

Concen: 24.378 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 183314

Ion Ratio Lower Upper

43 100

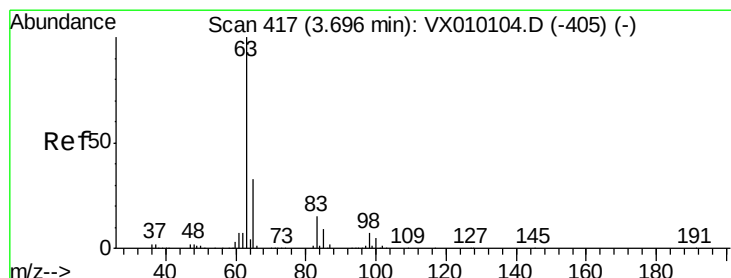
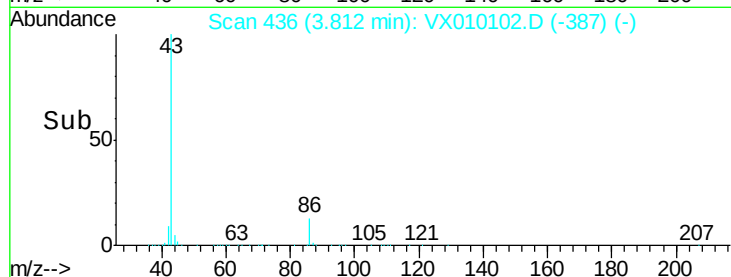
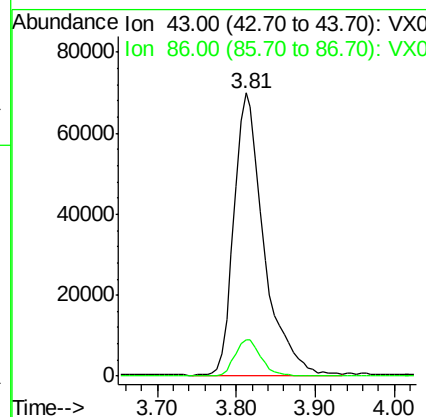
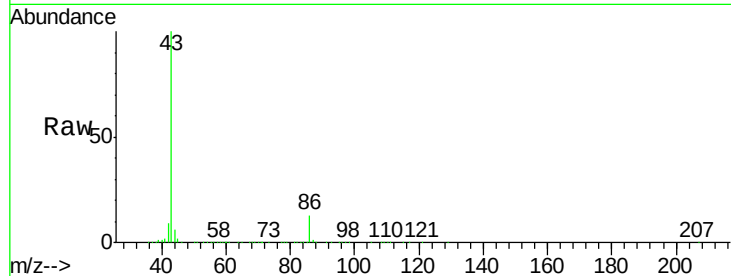
86 12.8 6.5 9.7#

Manual Integrations

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MMDadoda

6/10/2019 10:53:27 AM



#24

1,1-Dichloroethane

Concen: 5.173 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

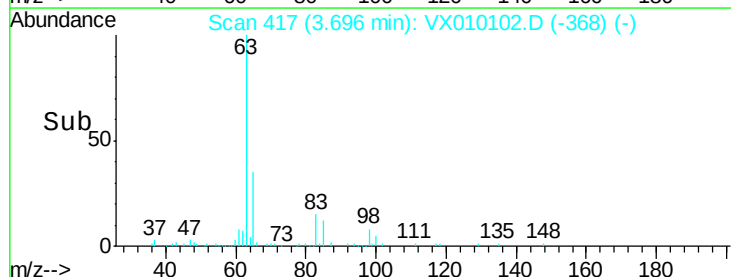
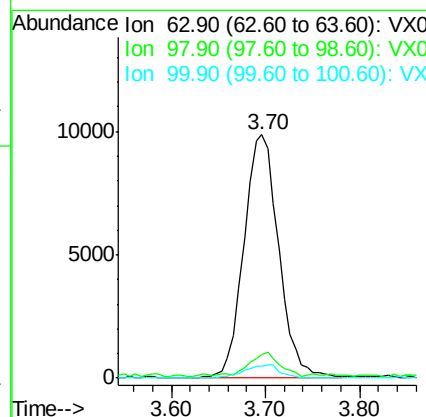
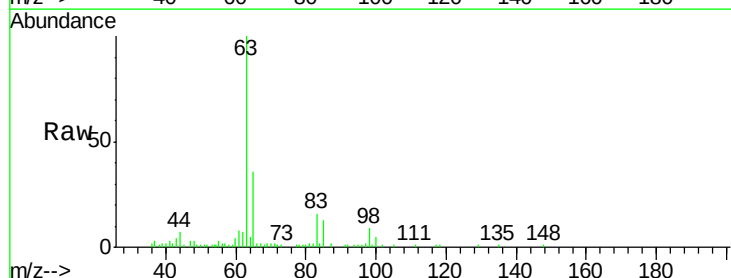
Tgt Ion: 63 Resp: 25393

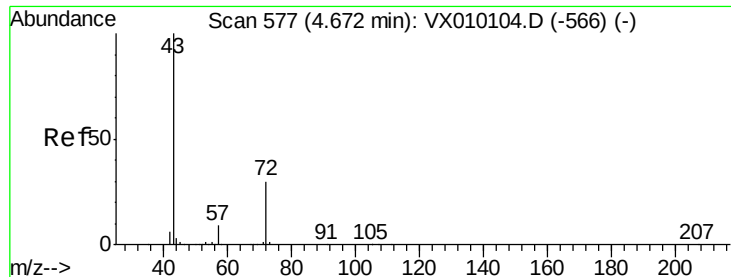
Ion Ratio Lower Upper

63 100

98 8.5 2.9 8.8

100 4.8 1.8 5.4





#25

2-Butanone

Concen: 24.904 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 54934

Ion Ratio Lower Upper

43 100

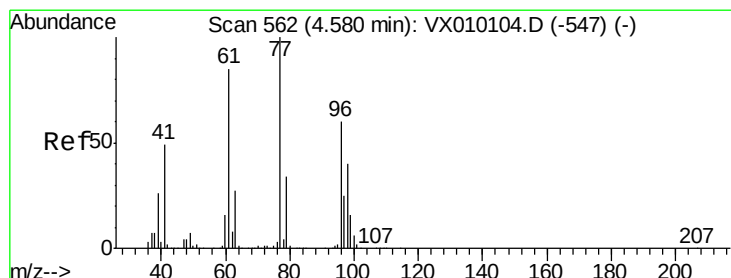
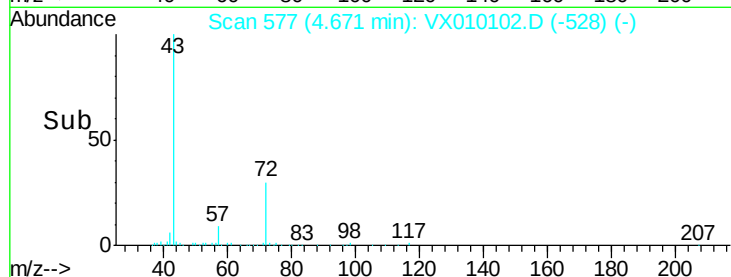
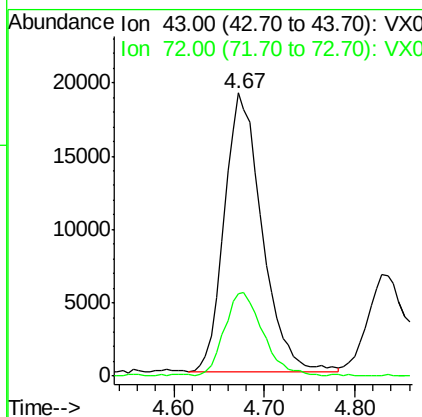
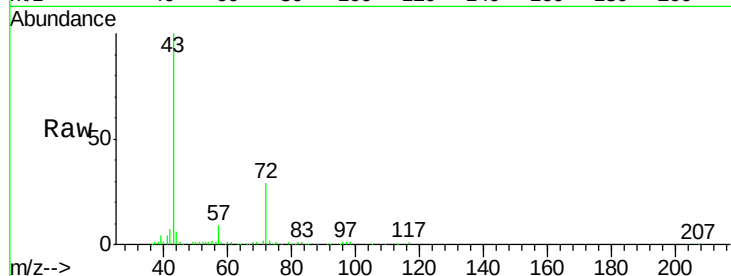
72 29.1 17.5 26.3#

Manual Integrations

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MMDadoda

6/10/2019 10:53:27 AM



#26

2,2-Dichloropropane

Concen: 5.421 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010102.D

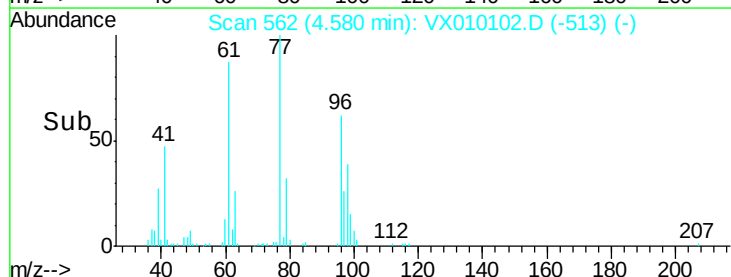
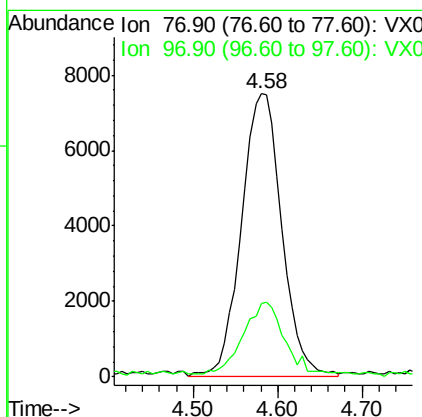
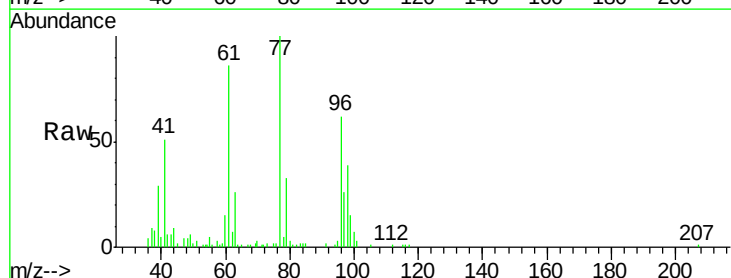
Acq: 07 Jun 2019 11:54

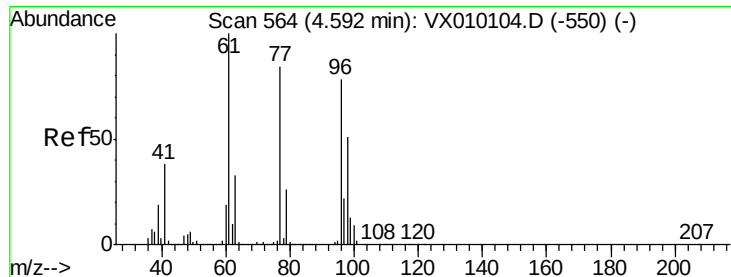
Tgt Ion: 77 Resp: 24492

Ion Ratio Lower Upper

77 100

97 25.4 11.4 34.2





#27

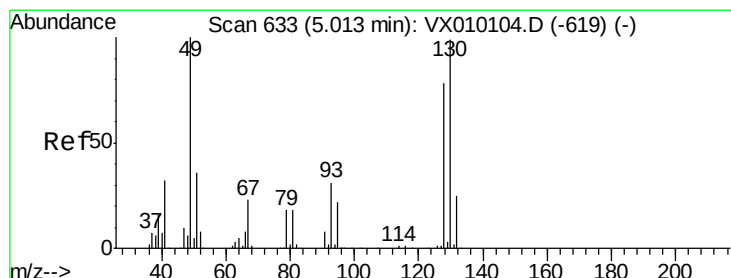
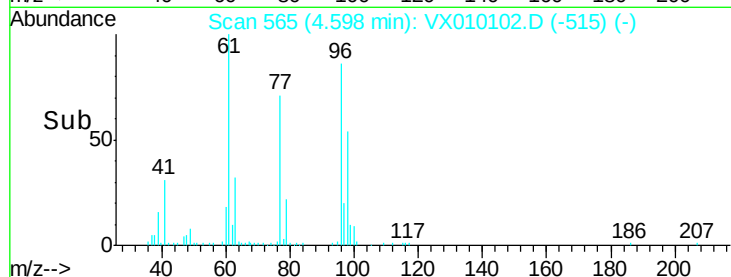
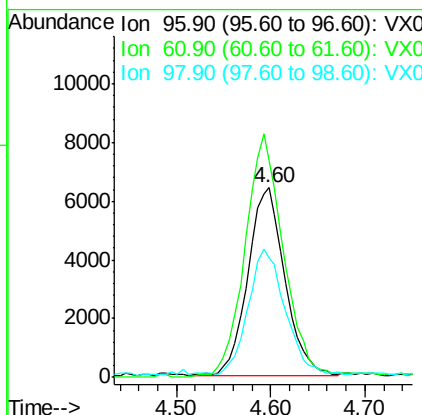
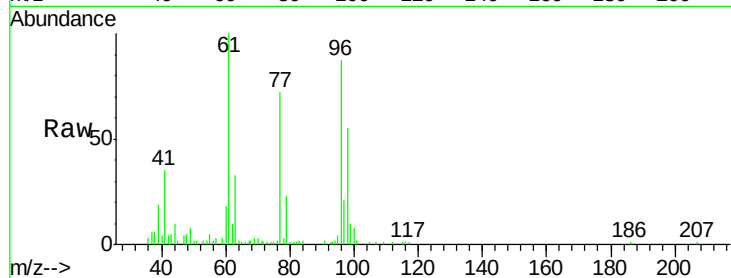
cis-1,2-Dichloroethene
Concen: 5.064 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	334.0
98	64.9	0.0	131.6

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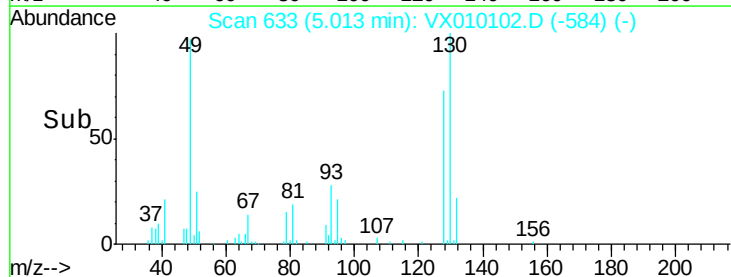
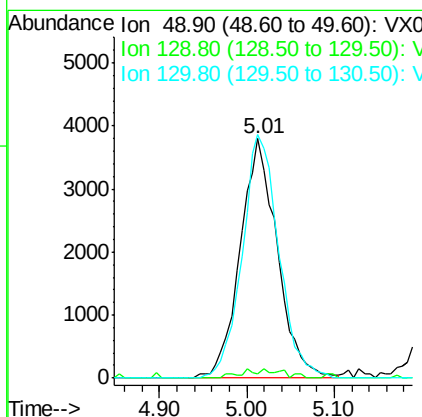
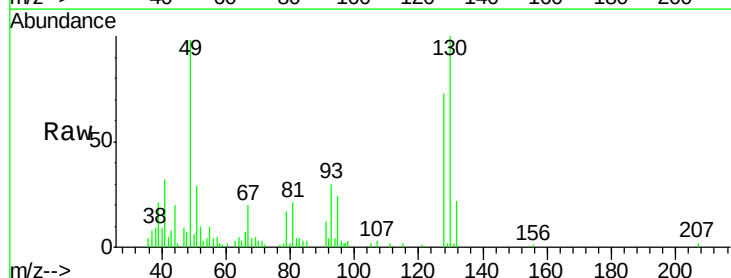
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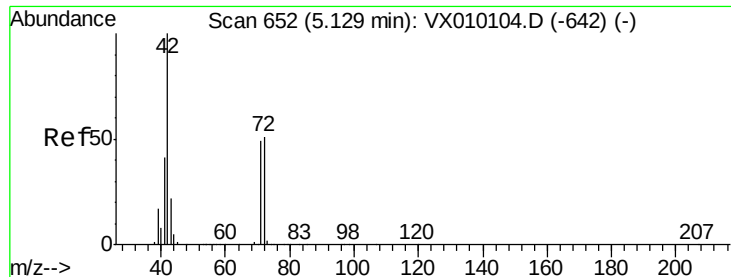


#28

Bromochloromethane
Concen: 5.049 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.4
130	100.2	49.4	74.2#





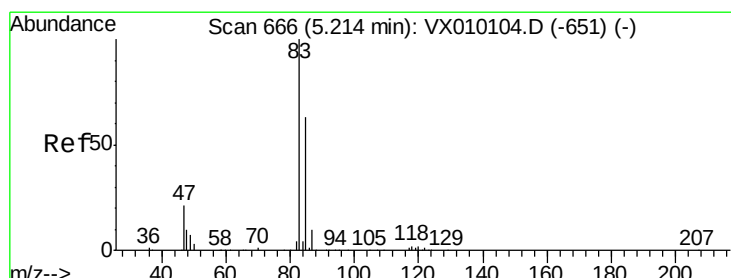
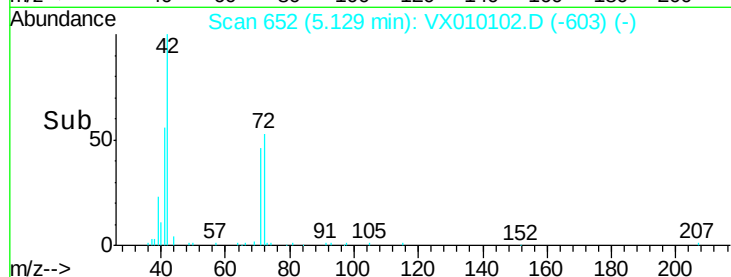
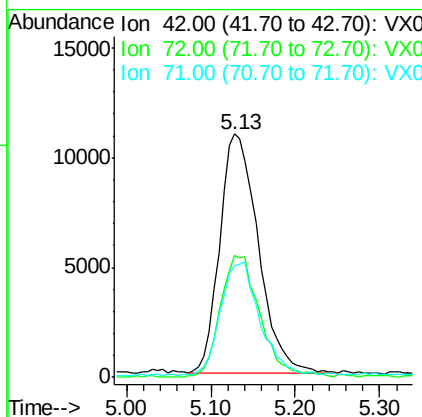
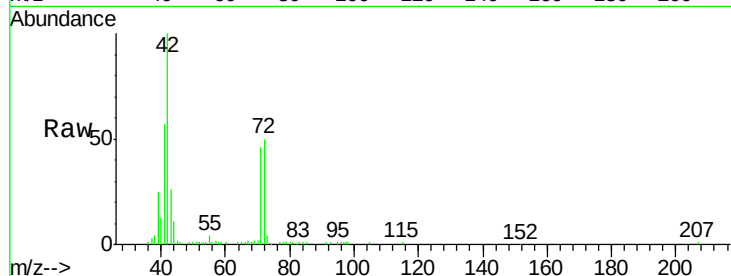
#29
Tetrahydrofuran
Concen: 24.878 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.1	29.2	43.8#
71	48.2	27.6	41.4#

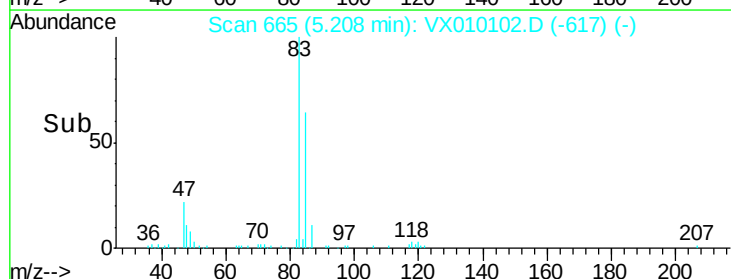
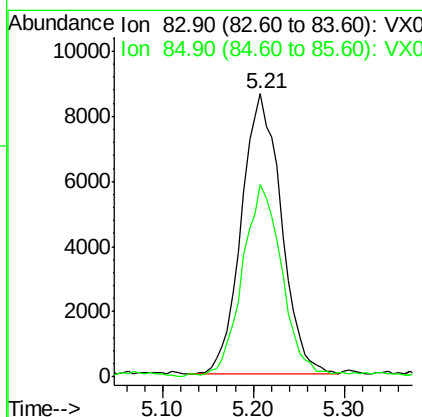
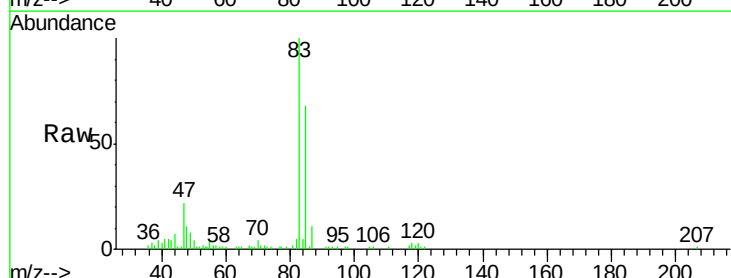
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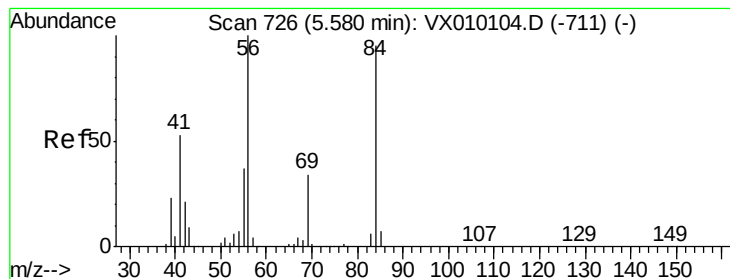
MMDadoda
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#30
Chloroform
Concen: 5.016 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	52.6	78.8





#31

Cyclohexane

Concen: 5.027 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

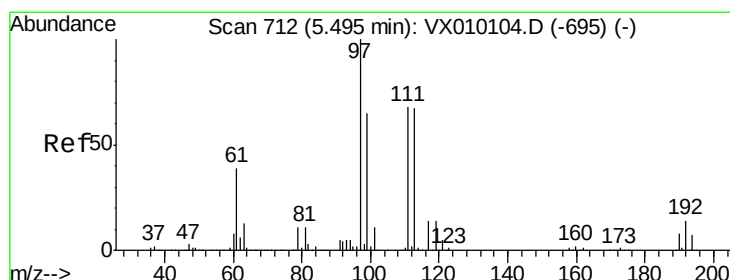
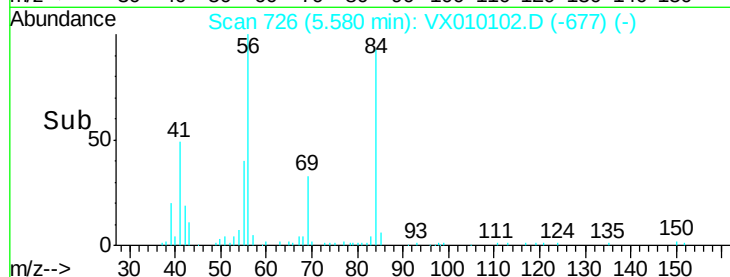
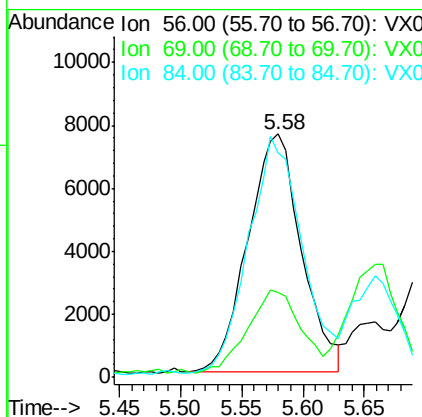
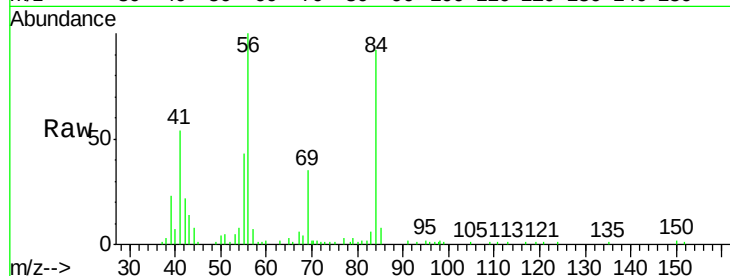
ClientSampled :

VSTDIC005

Tot Ion:	56	Resp:	23029
Ion Ratio	Lower	Upper	
56	100		
69	33.7	21.6	32.4#
84	92.0	56.8	85.2#

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#32

1,1,1-Trichloroethane

Concen: 5.086 ug/l

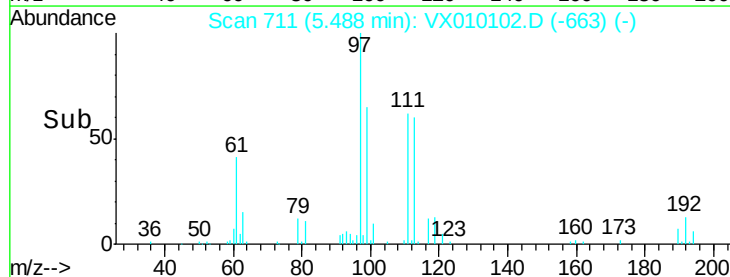
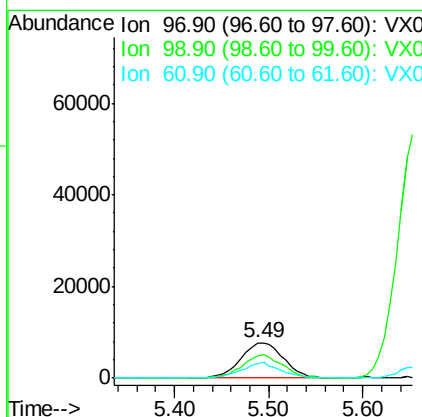
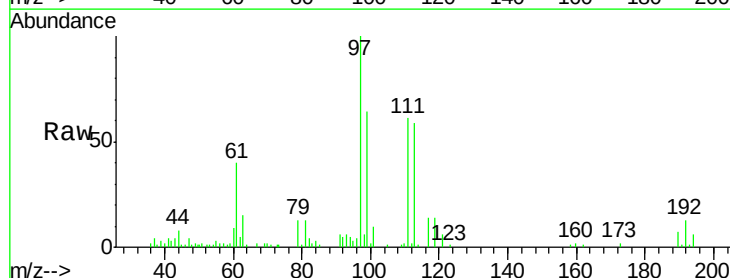
RT: 5.49 min Scan# 711

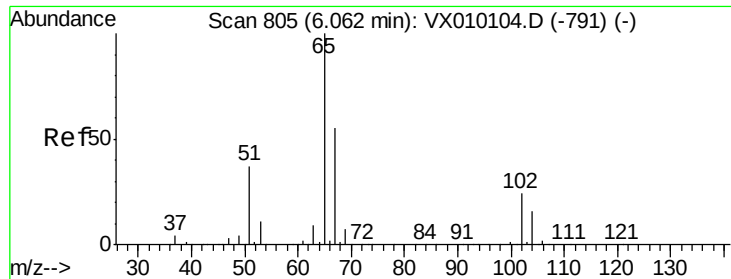
Delta R.T. -0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion:	97	Resp:	24096
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.0	76.4
61	40.2	38.7	58.1





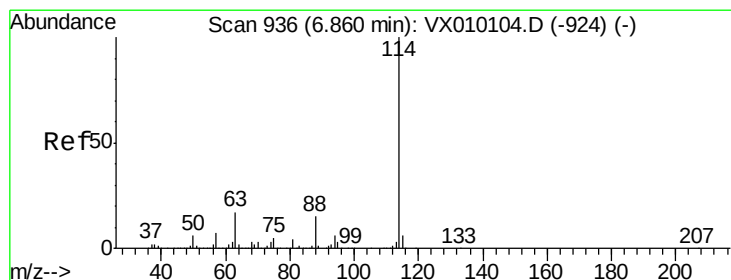
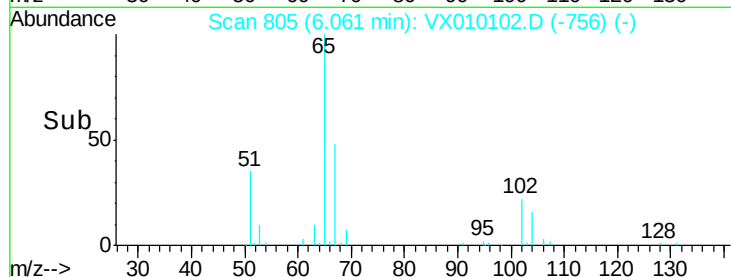
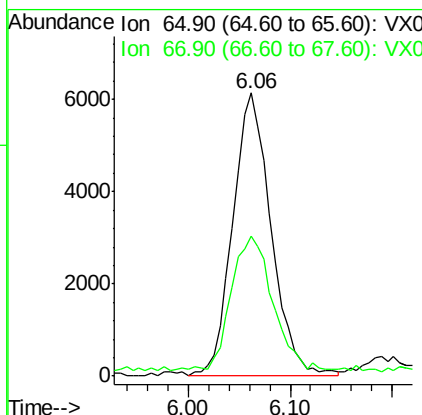
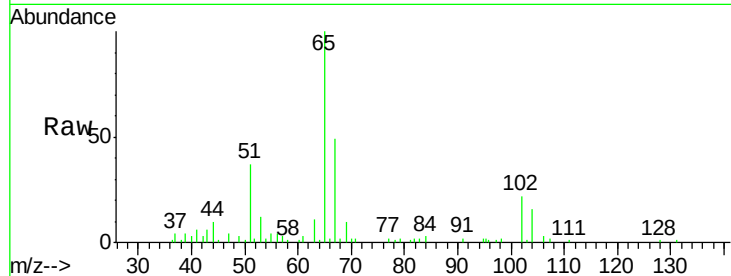
#33
 1,2-Dichloroethane-d4
 Concen: 5.193 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	108.4

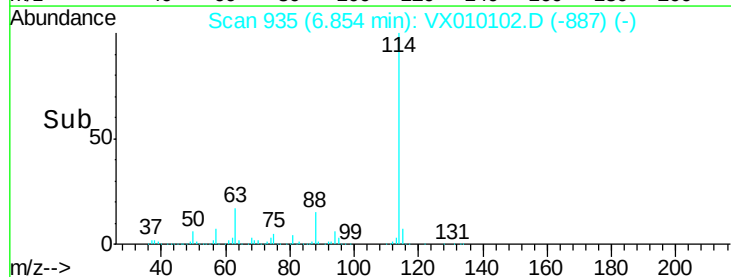
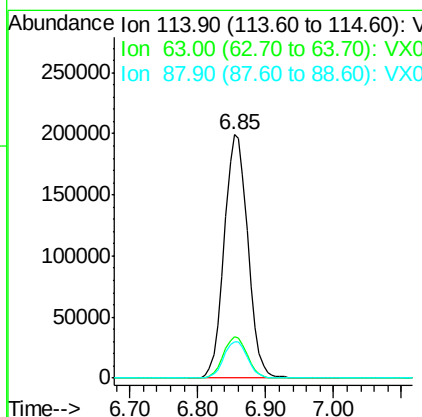
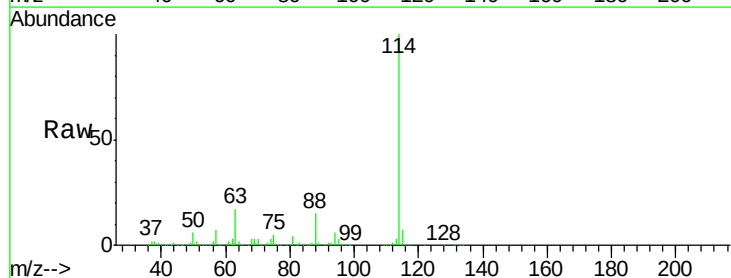
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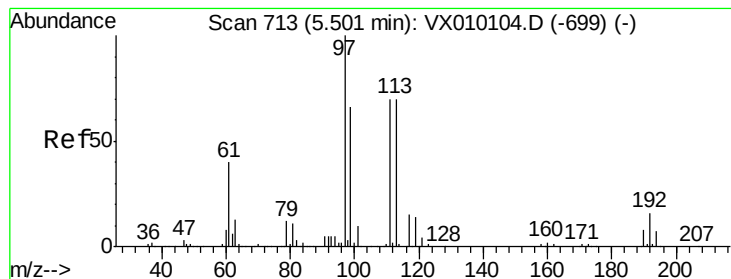
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	47.4
88	14.7	0.0	33.0





#35

Dibromofluoromethane

Concen: 5.099 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

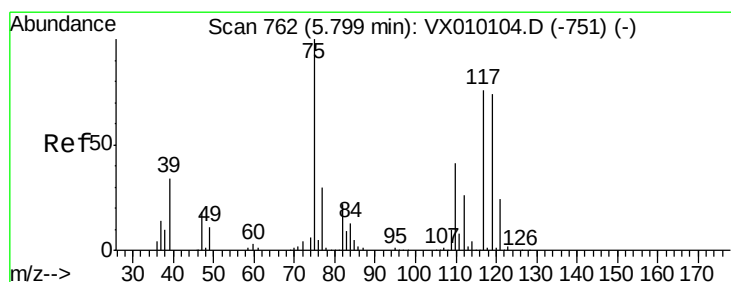
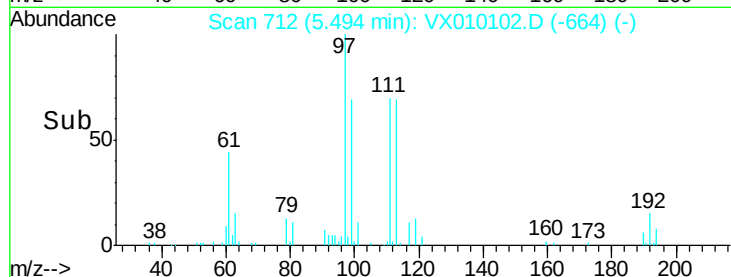
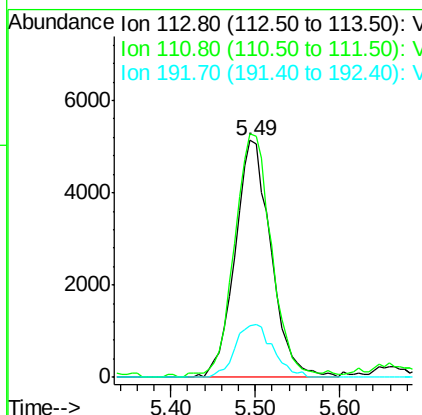
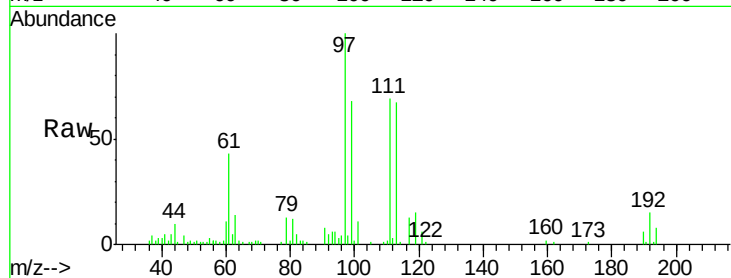
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	14799
Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.2	123.2
192	23.4	17.1	25.7

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#36

1,1-Dichloropropene

Concen: 5.313 ug/l

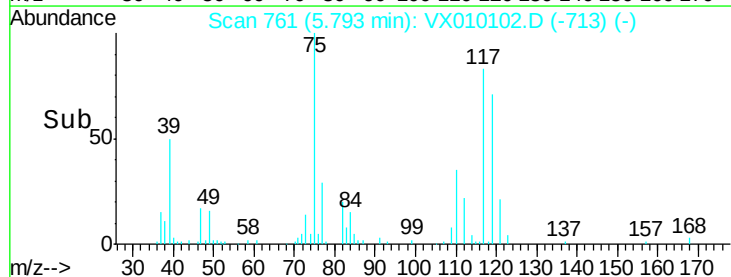
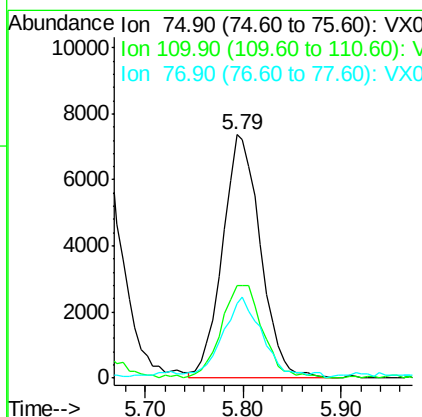
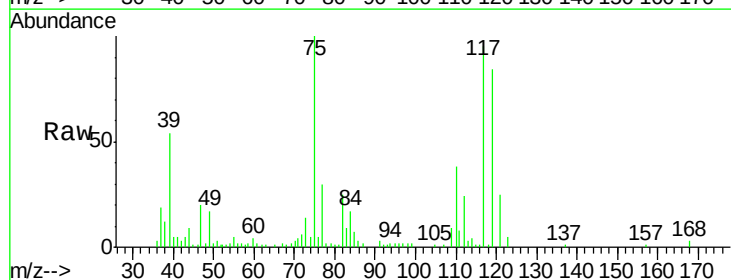
RT: 5.79 min Scan# 761

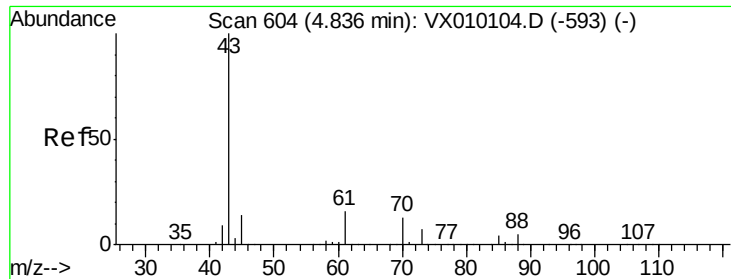
Delta R.T. -0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion:	75	Resp:	19913
Ion	Ratio	Lower	Upper
75	100		
110	41.7	16.7	50.1
77	32.8	25.0	37.4





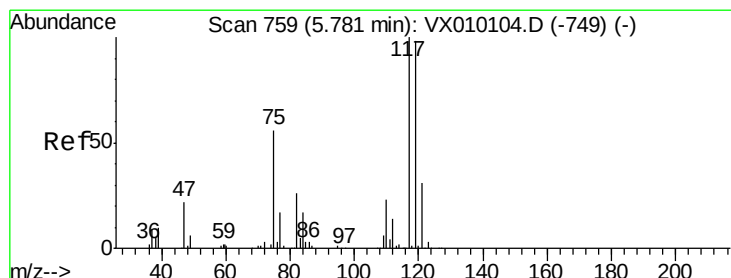
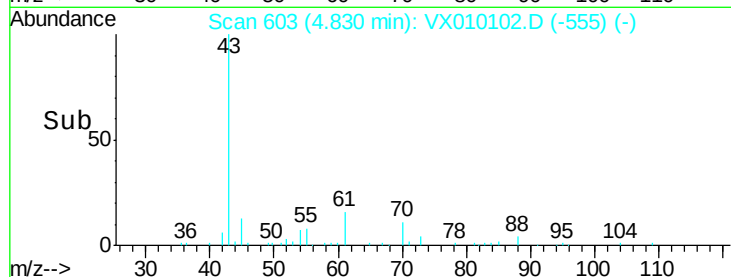
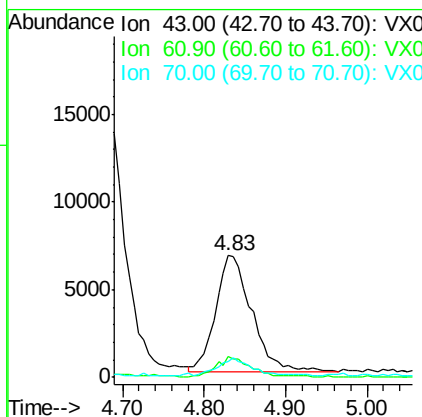
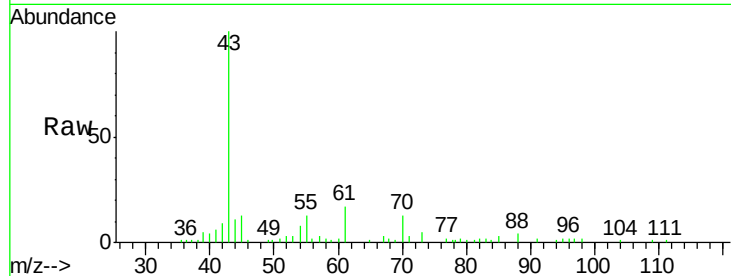
#37
Ethyl Acetate
Concen: 5.156 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	43	Resp	20342
Ion Ratio	100	Lower	Upper
43	100		
61	16.3	10.2	15.2#
70	16.7	7.4	11.2#

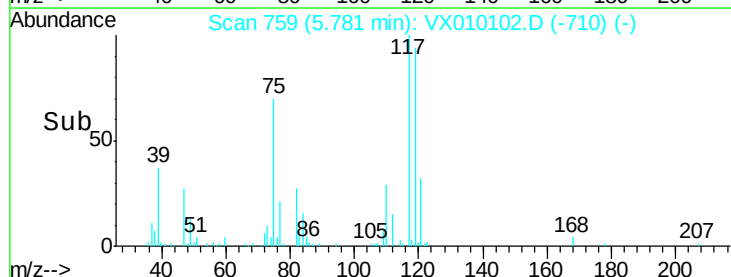
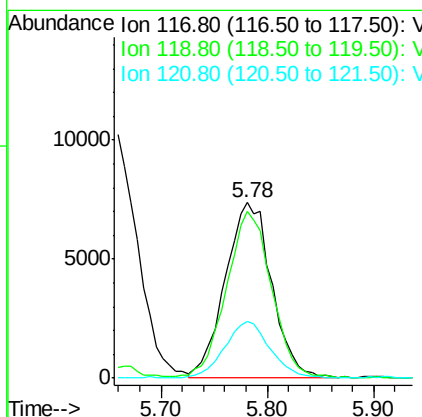
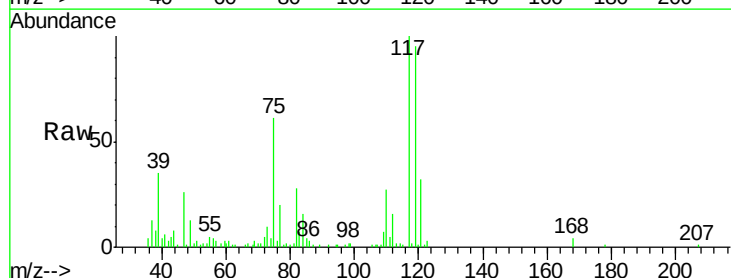
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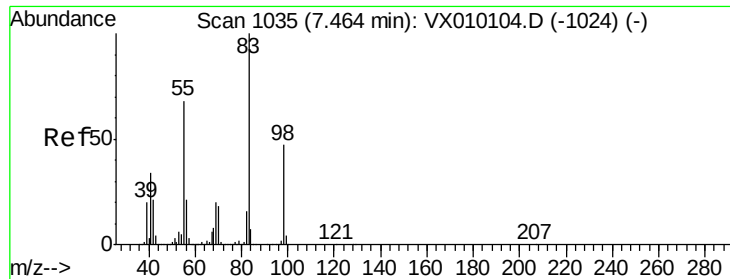
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#38
Carbon Tetrachloride
Concen: 5.296 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion	117	Resp	22487
Ion Ratio	100	Lower	Upper
117	100		
119	95.2	77.3	115.9
121	32.2	25.4	38.0





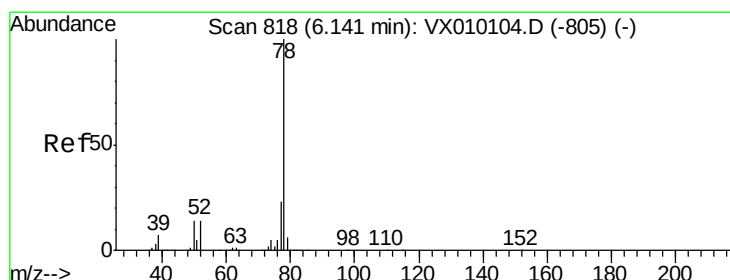
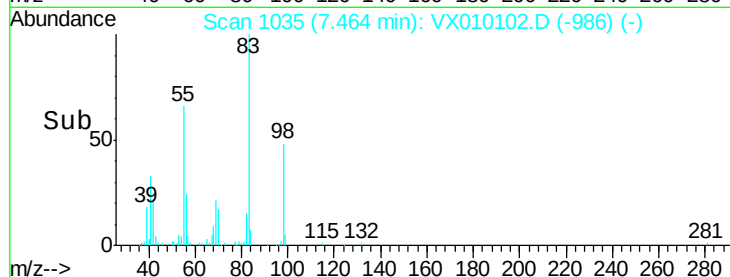
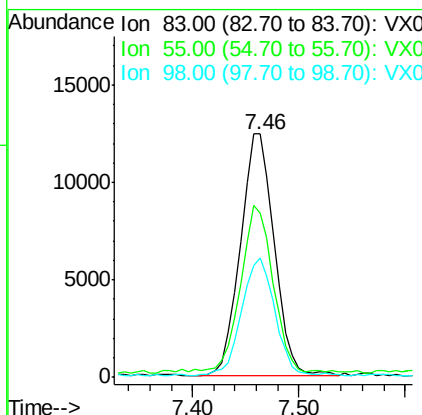
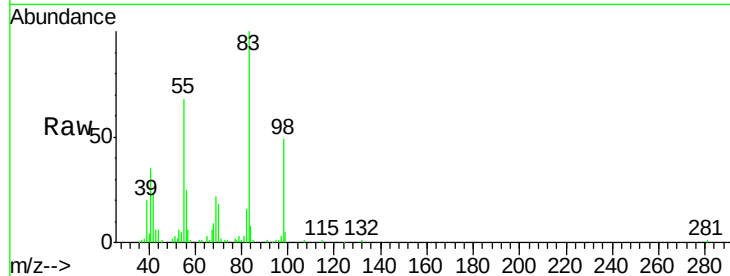
#39
Methylvlcyclohexane
Concen: 5.430 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.2	69.9	104.9#
98	48.9	35.1	52.7

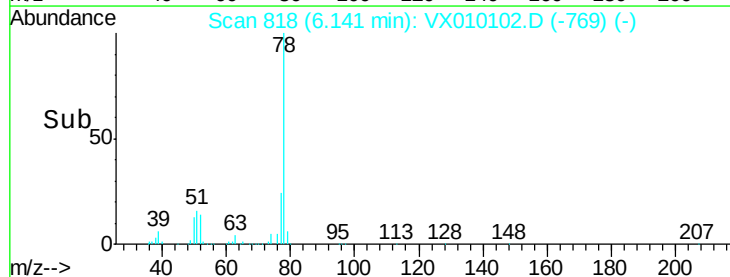
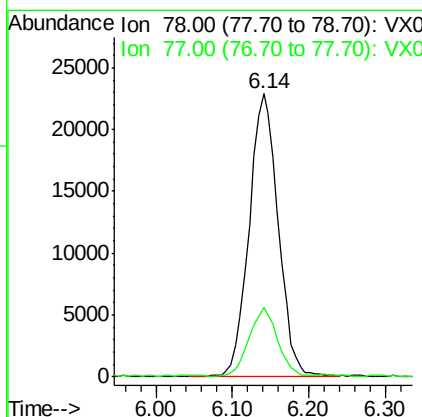
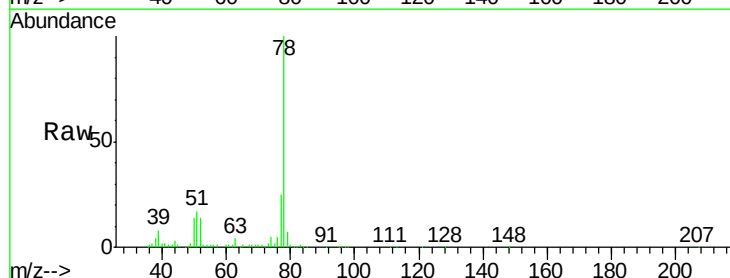
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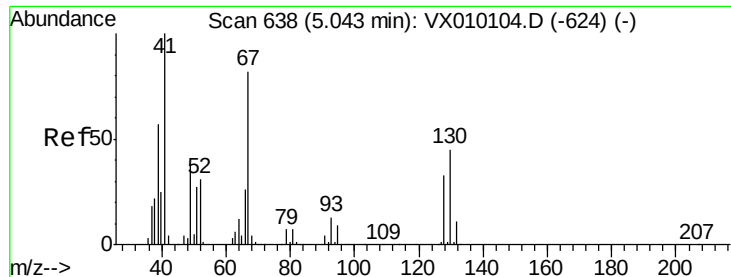
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#40
Benzene
Concen: 5.161 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





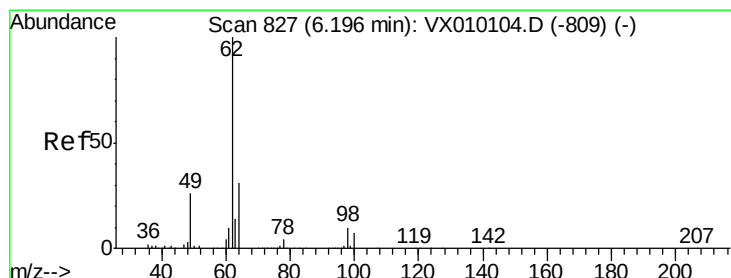
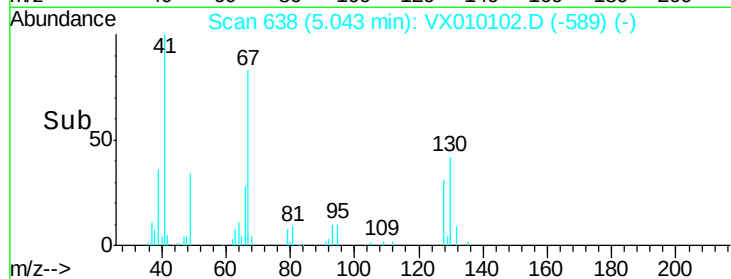
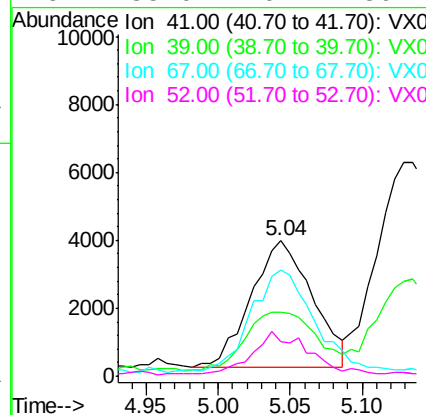
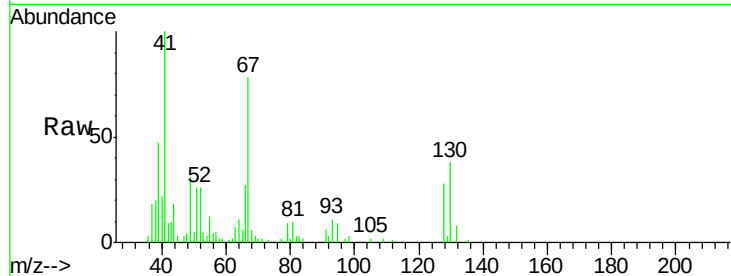
#41
Methacrylonitrile
Concen: 5.075 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.7	42.2	63.4
67	84.4	48.9	73.3
52	33.0	20.1	30.1

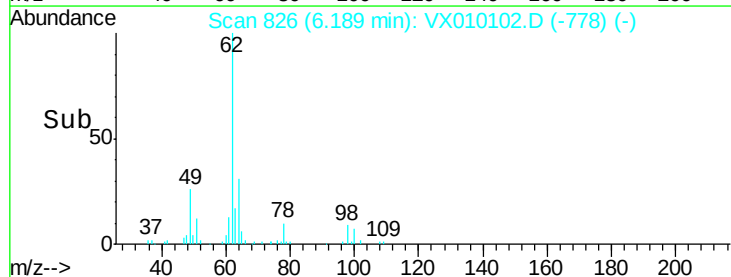
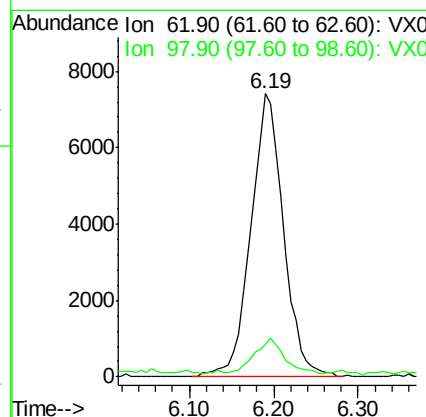
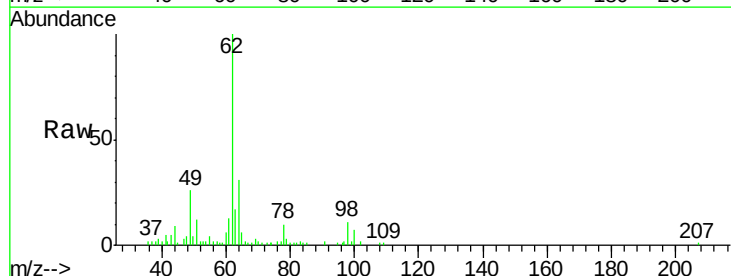
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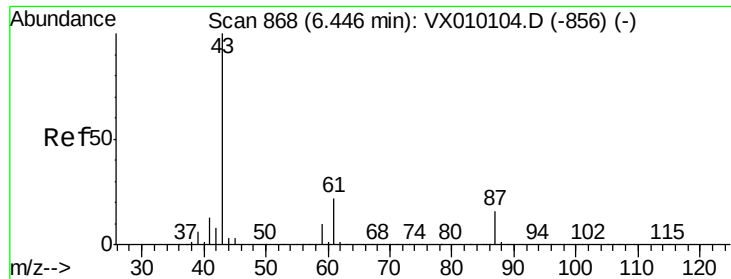
MMDadoda
6/10/2019 10:53:27 AM



#42
1,2-Dichloroethane
Concen: 5.231 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 5.207 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

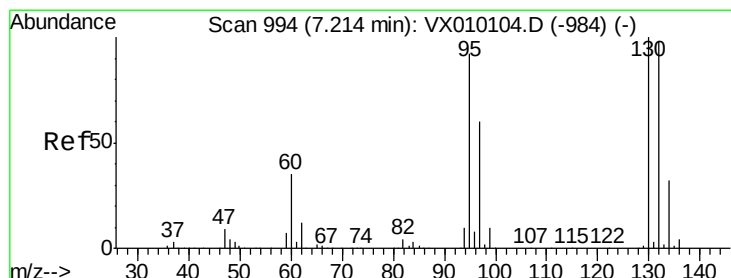
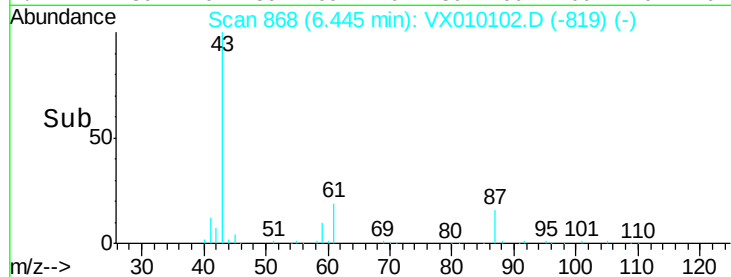
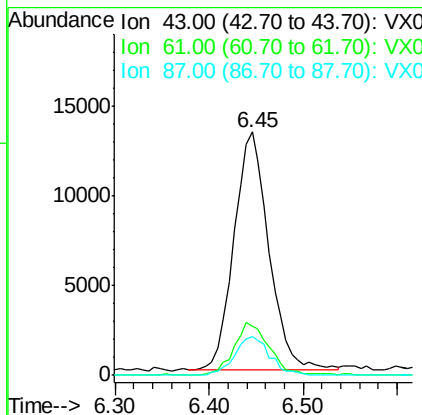
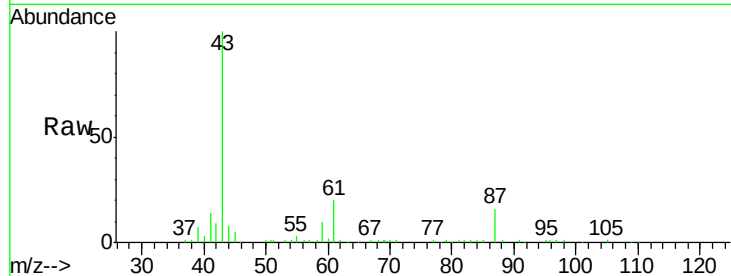
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	34231
Ion	Ratio	Lower	Upper
43	100		
61	22.4	14.6	21.8#
87	16.4	8.7	13.1#

Manual Integrations
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#44

Trichloroethene

Concen: 5.183 ug/l

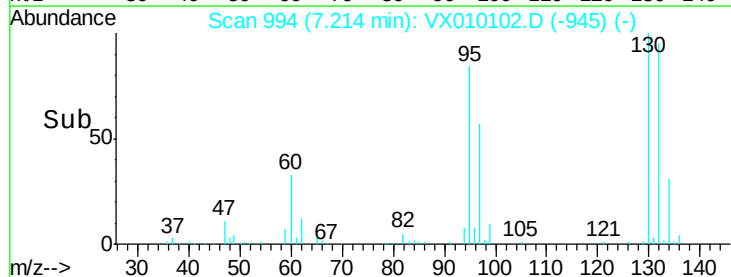
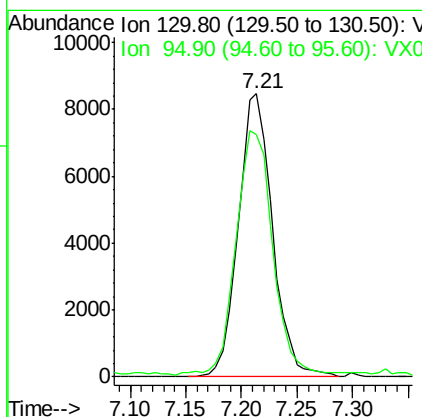
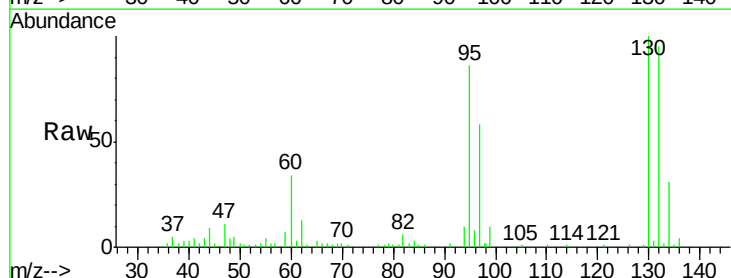
RT: 7.21 min Scan# 994

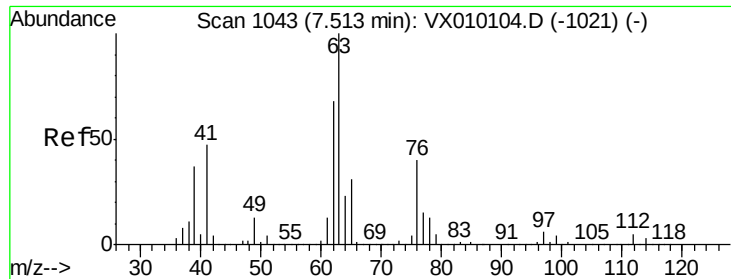
Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion:	130	Resp:	18037
Ion	Ratio	Lower	Upper
130	100		
95	84.3	0.0	207.4





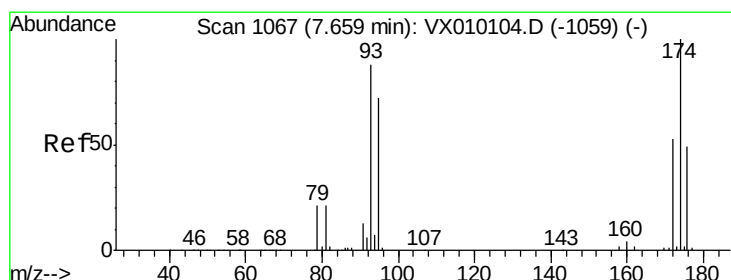
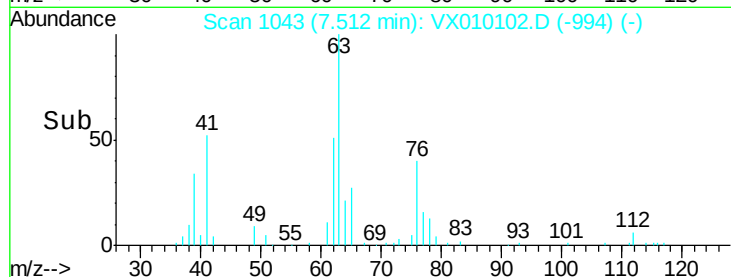
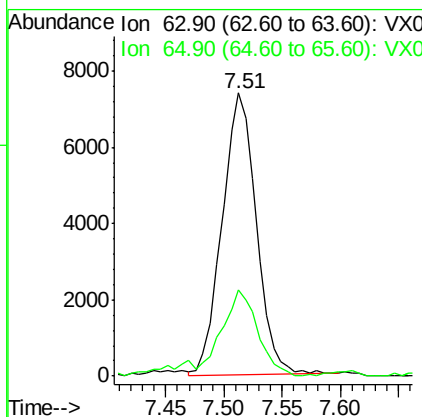
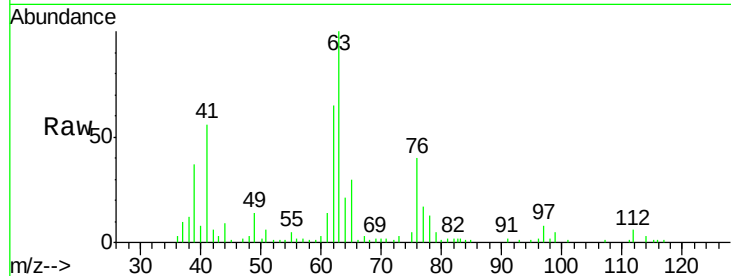
#45
 1,2-Dichloropropane
 Concen: 5.105 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 15049
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.7 38.5

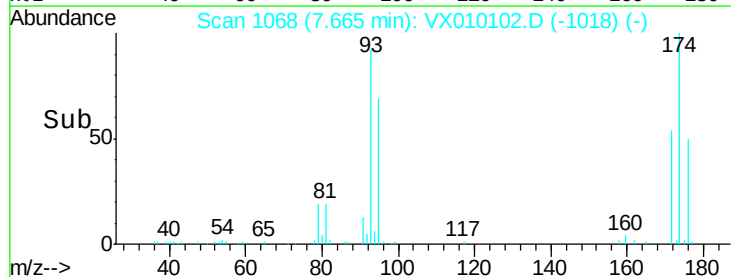
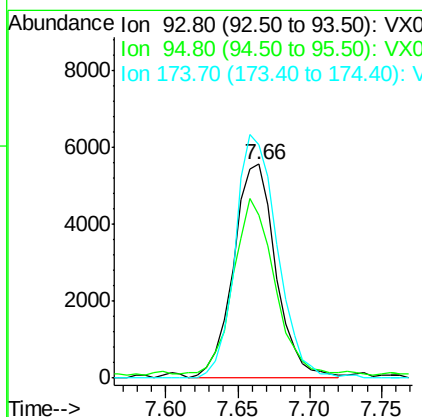
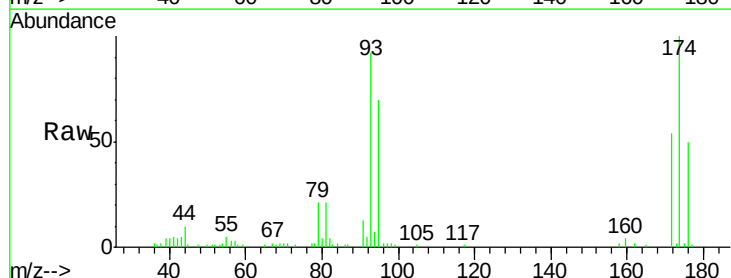
Manual Integrations
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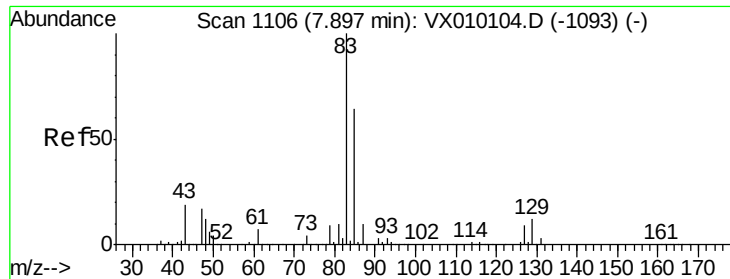
MMDadoda
 6/10/2019 10:53:27 AM



#46
 Dibromomethane
 Concen: 5.383 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion: 93 Resp: 11428
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.8 100.2
 174 112.6 81.9 122.9





#47

Bromodichloromethane

Concen: 5.175 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

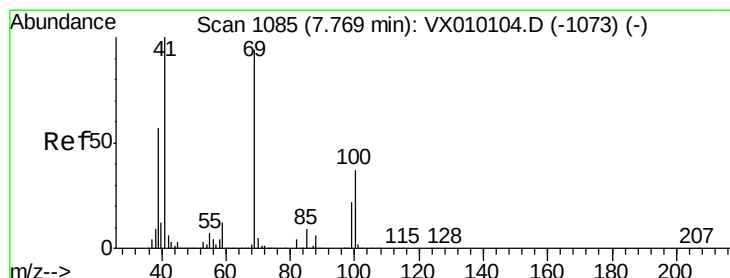
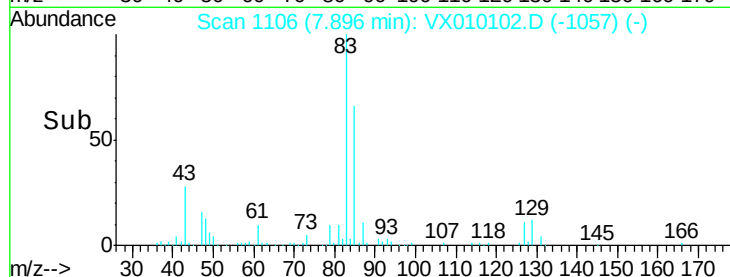
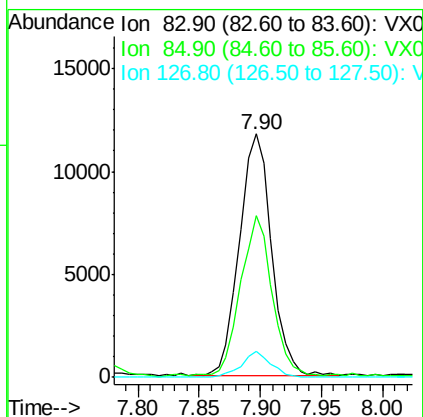
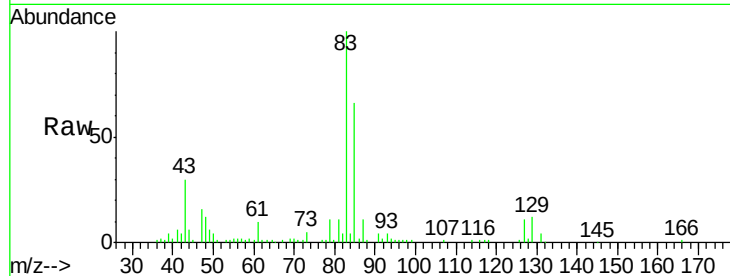
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	21425
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.4	77.2
127	10.9	6.4	9.6#

Manual Integrations
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MMDadoda
6/10/2019 10:53:27 AM



#48

Methyl methacrylate

Concen: 4.891 ug/l

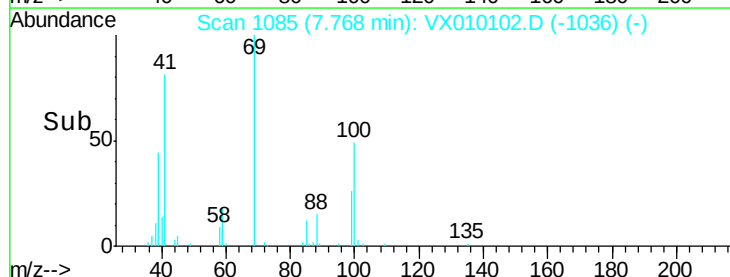
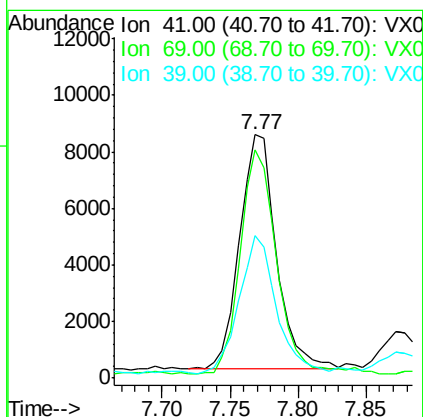
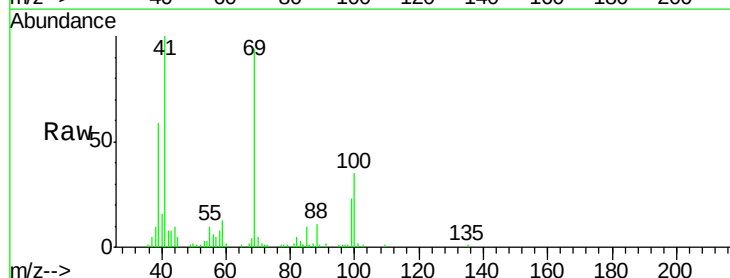
RT: 7.77 min Scan# 1085

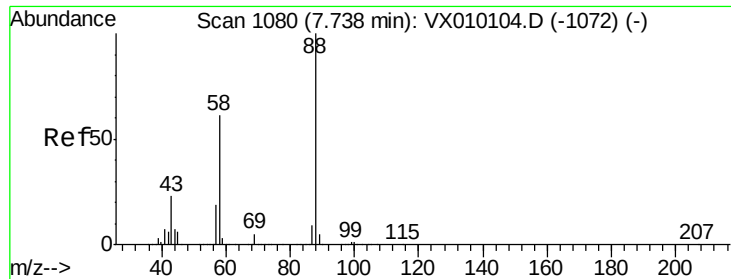
Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion:	41	Resp:	15582
Ion	Ratio	Lower	Upper
41	100		
69	95.3	56.4	84.6#
39	60.0	40.6	60.8





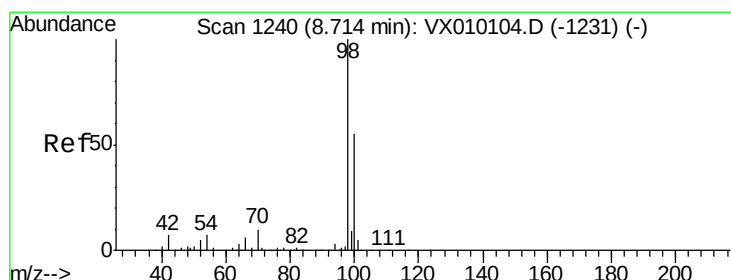
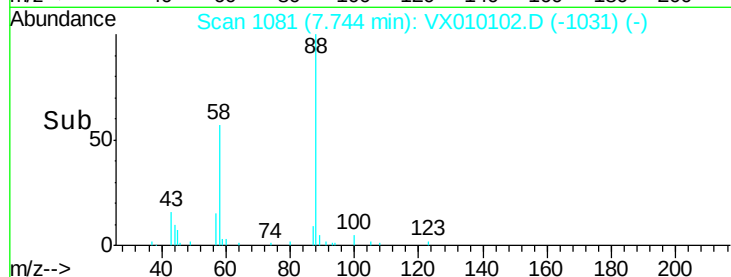
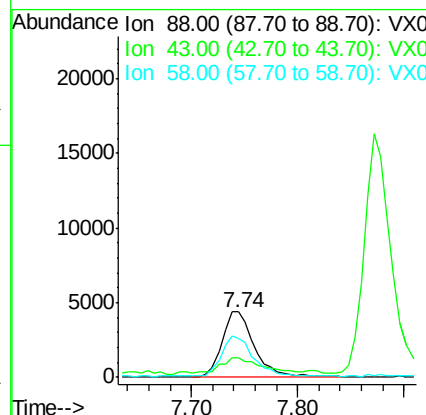
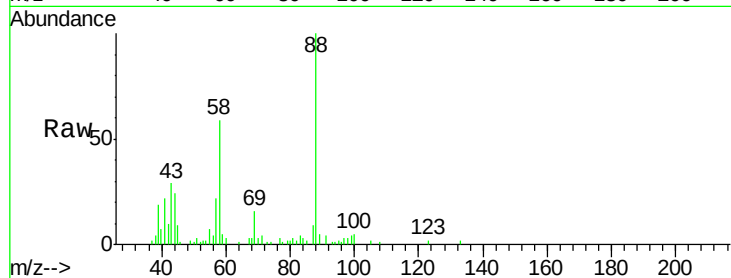
#49
1,4-Dioxane
Concen: 106.149 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.0	30.2	45.4#
58	68.3	64.0	96.0

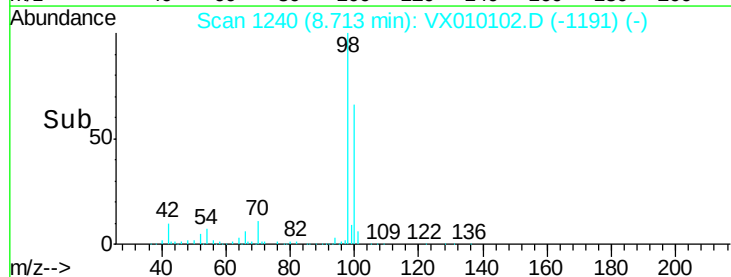
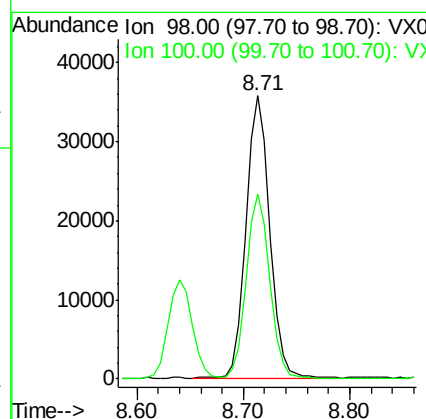
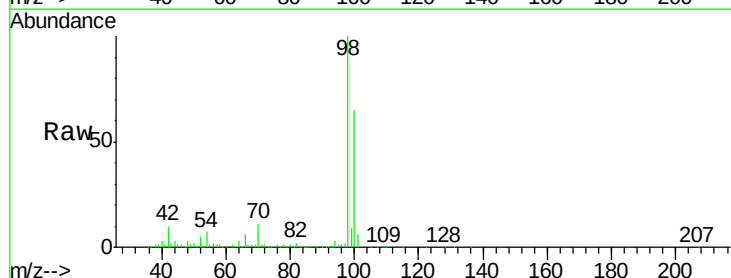
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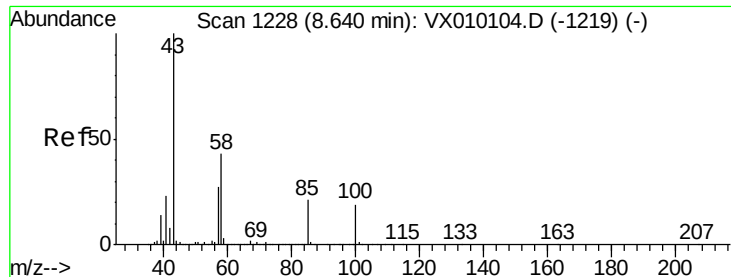
MMDadoda
6/10/2019 10:53:27 AM



#50
Toluene-d8
Concen: 5.051 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.5	77.3





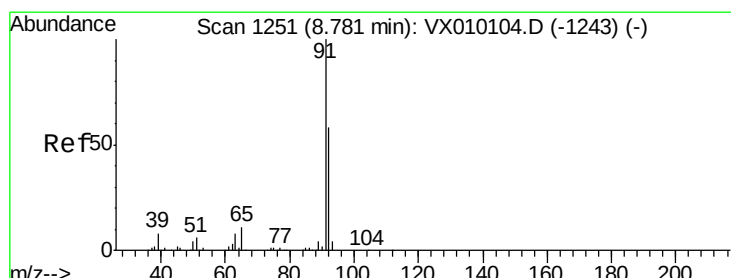
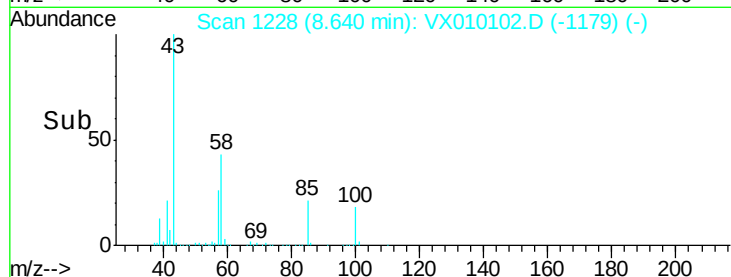
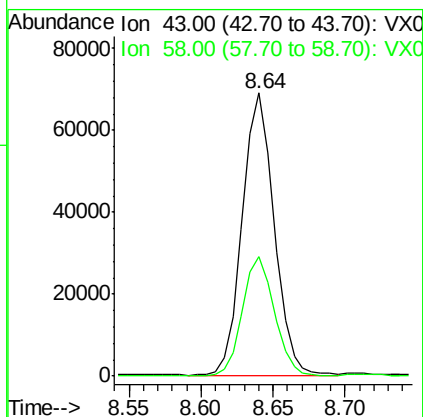
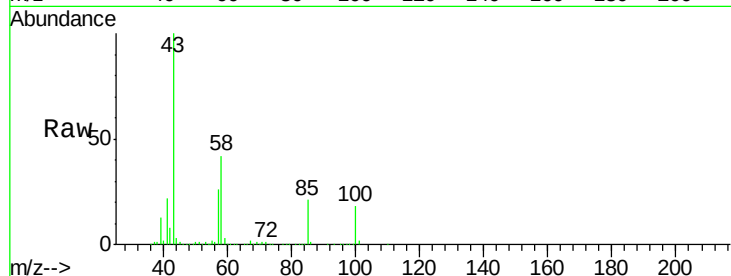
#51
 4-Methyl-2-Pentanone
 Concen: 25.713 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.6	28.8	43.2

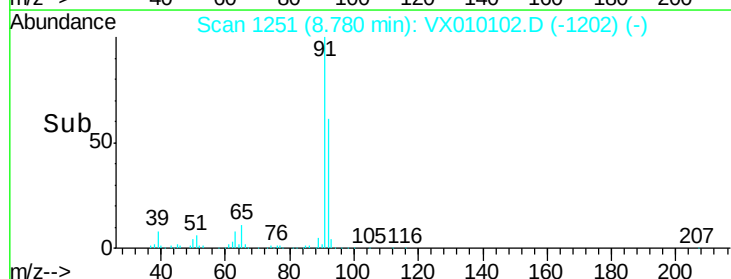
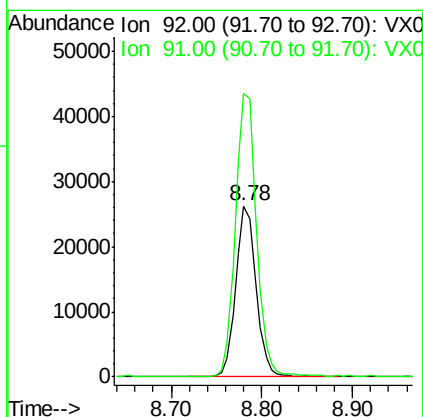
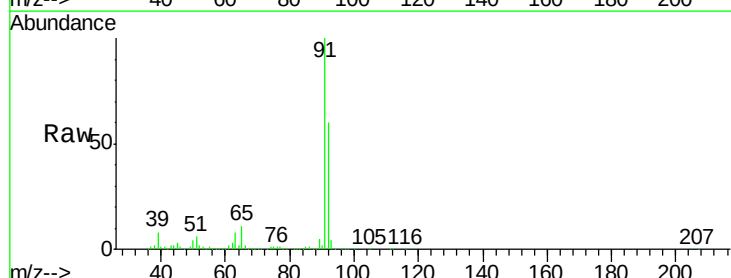
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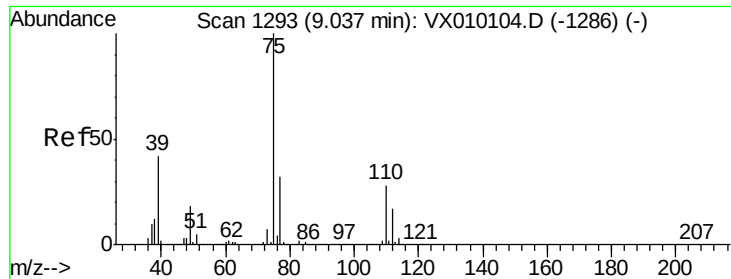
MMDadoda
 6/10/2019 10:53:27 AM



#52
 Toluene
 Concen: 5.354 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.7	139.9	209.9





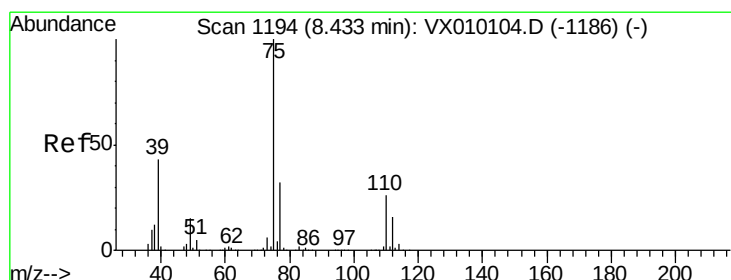
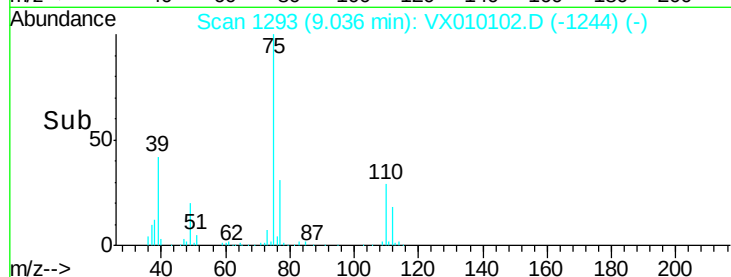
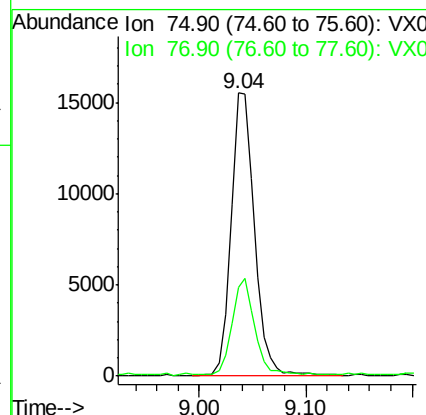
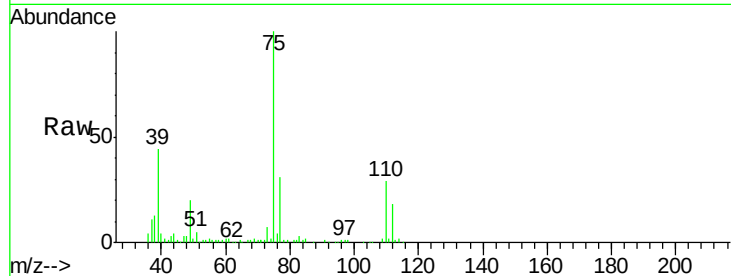
#53
 t-1,3-Dichloropropene
 Concen: 5.015 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.6	36.8

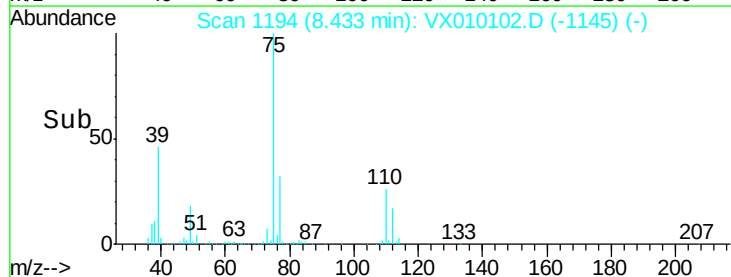
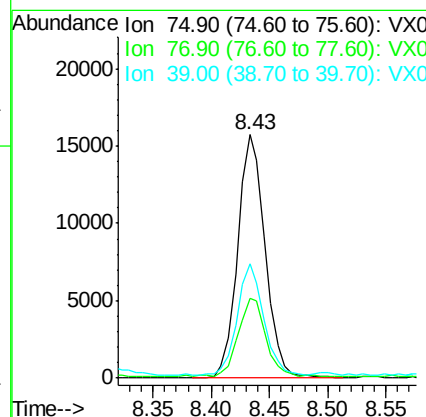
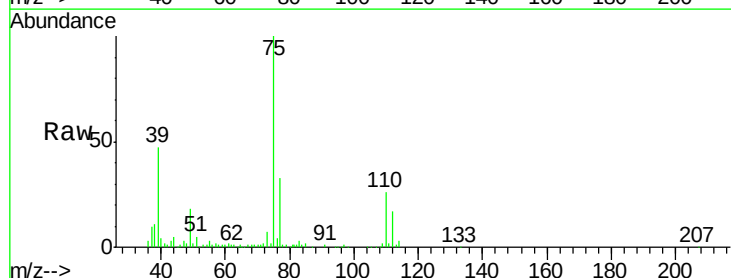
Manual Integrations
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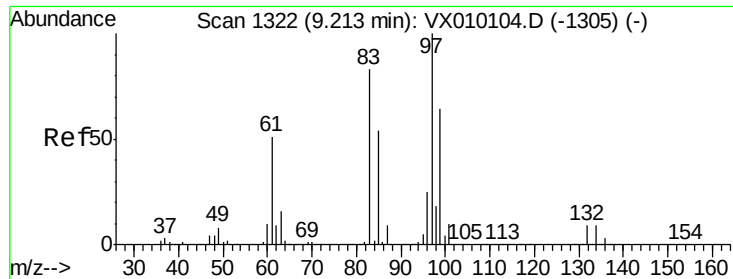
MMDadoda
 6/10/2019 10:53:27 AM



#54
 cis-1,3-Dichloropropene
 Concen: 5.075 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.8	37.2
39	45.4	43.4	65.0





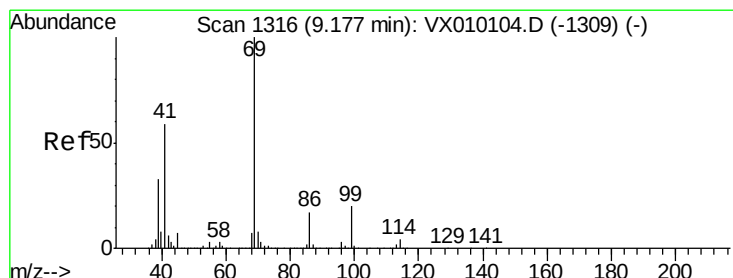
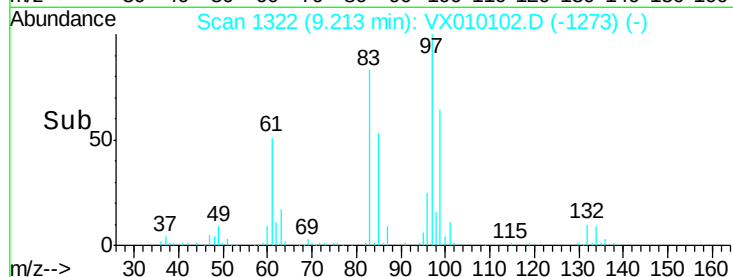
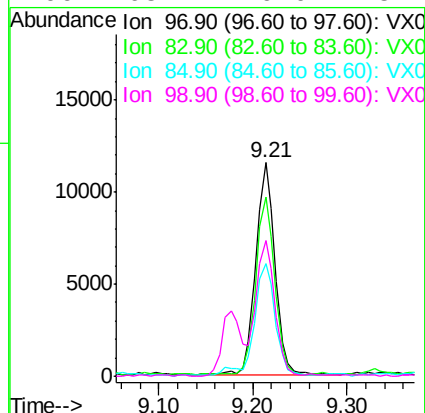
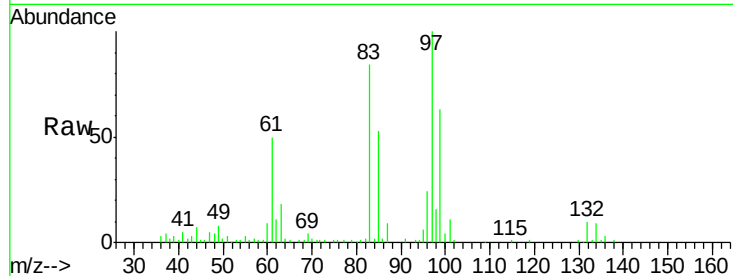
#55
 1,1,2-Trichloroethane
 Concen: 5.288 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	16922
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.8	104.8
85	52.3	45.3	67.9
99	63.7	49.0	73.4

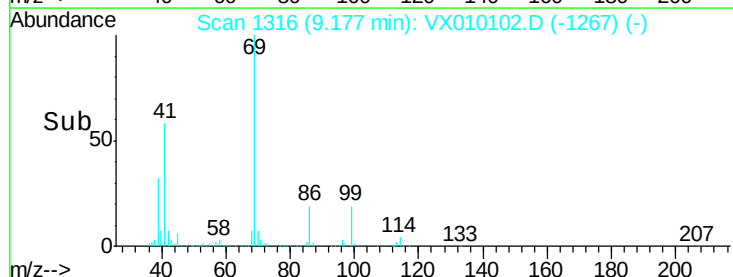
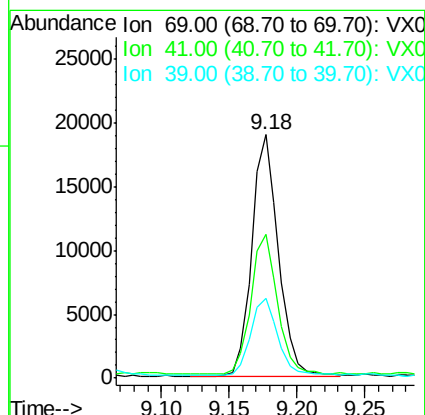
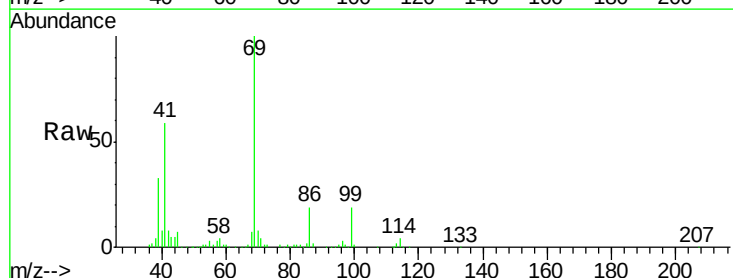
Manual Integrations
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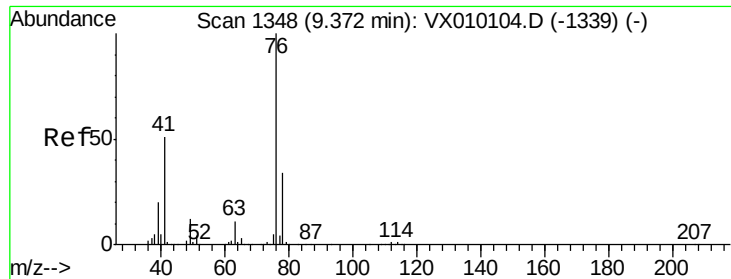
MMDadoda
 6/10/2019 10:53:27 AM



#56
 Ethyl methacrylate
 Concen: 5.118 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion:	69	Resp:	26235
Ion	Ratio	Lower	Upper
69	100		
41	57.3	62.7	94.1#
39	32.3	29.5	44.3





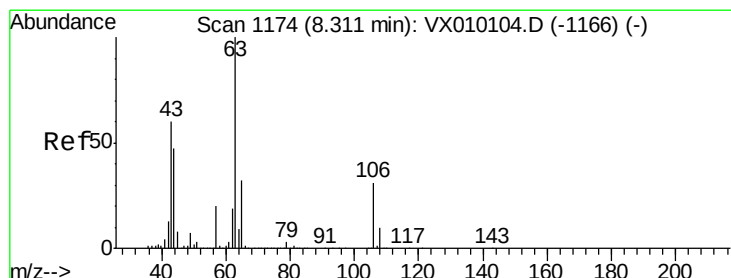
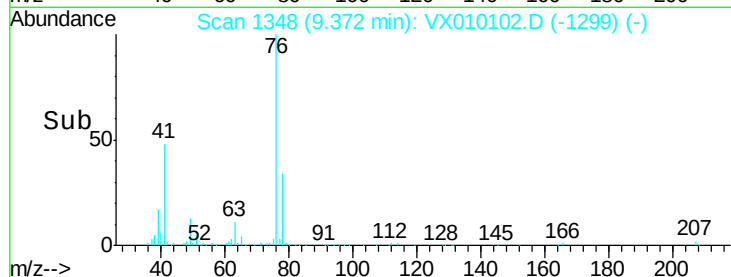
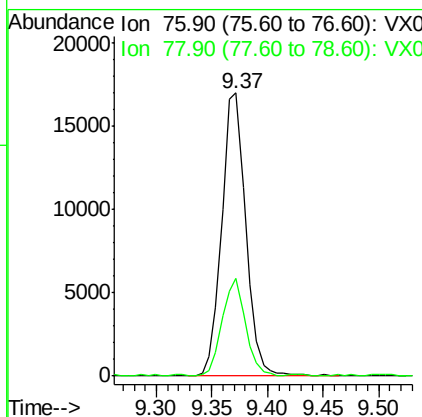
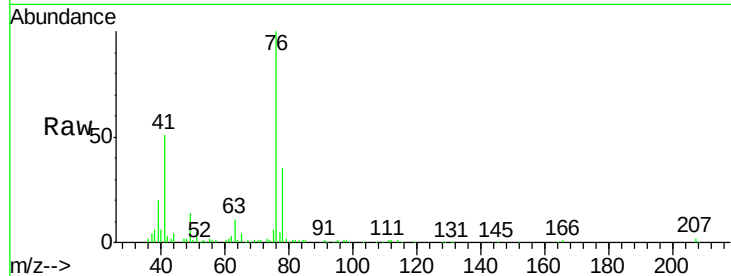
#57
 1,3-Dichloropropane
 Concen: 5.151 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.4	25.4	38.0

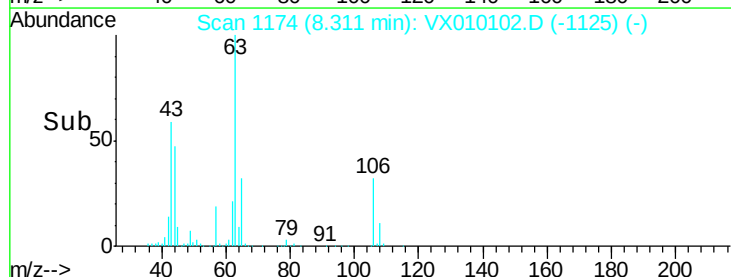
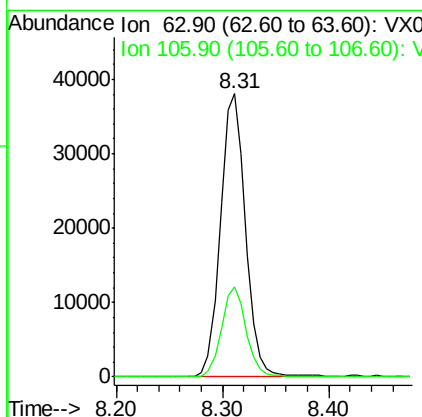
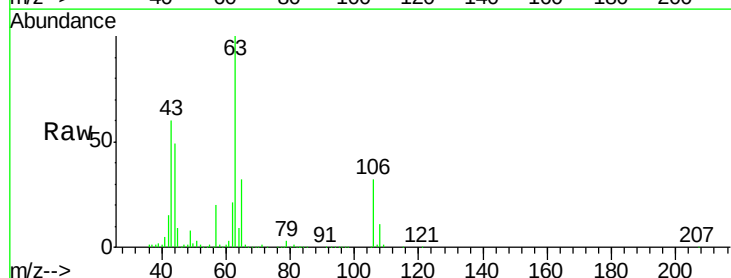
Manual Integrations
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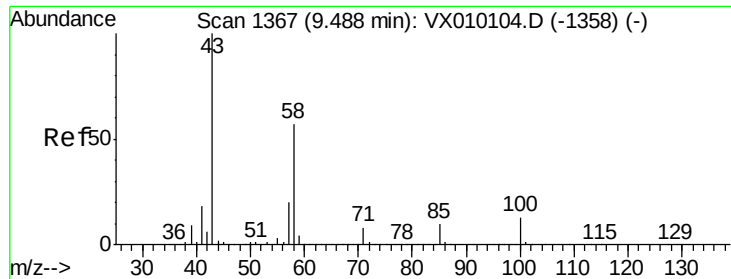
MMDadoda
 6/10/2019 10:53:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.349 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.5	19.4	29.2





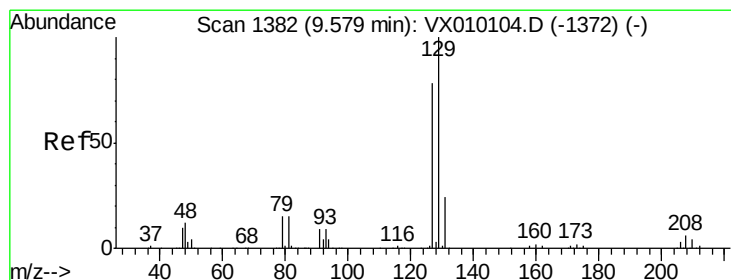
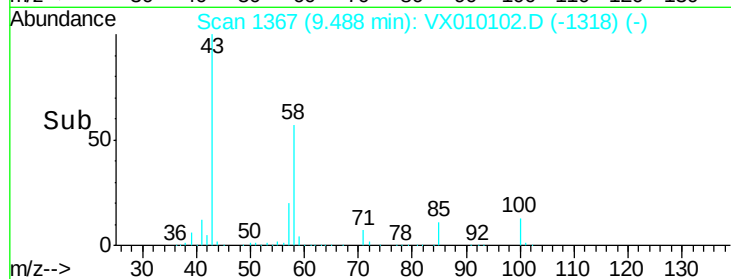
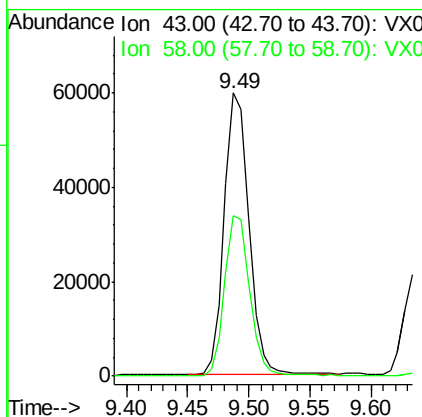
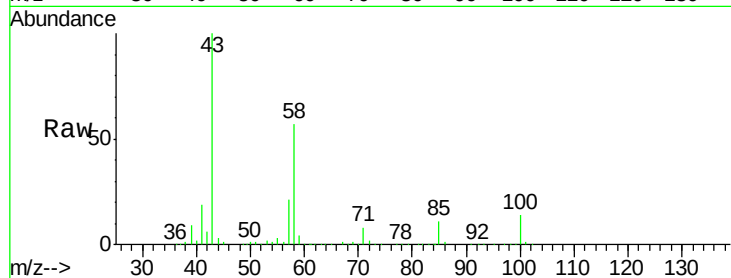
#59
2-Hexanone
Concen: 26.008 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 84506
Ion Ratio Lower Upper
43 100
58 57.1 25.1 75.3

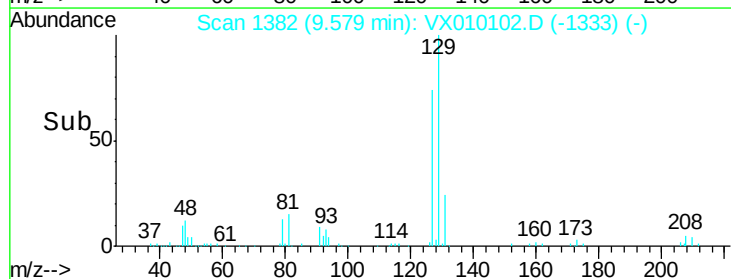
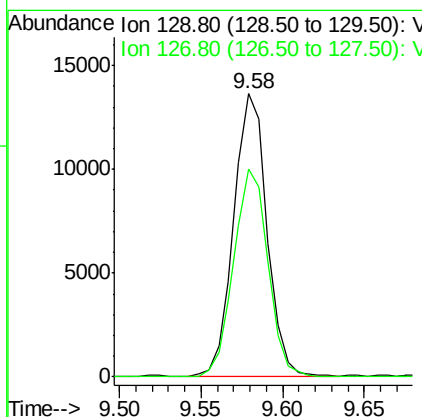
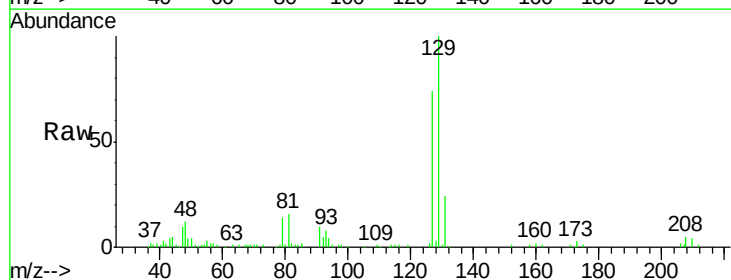
Manual Integrations
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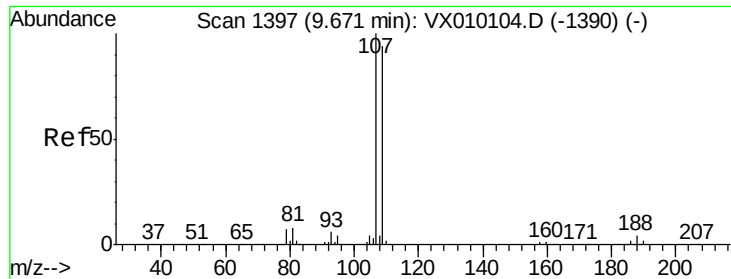
MMDadoda
6/10/2019 10:53:27 AM



#60
Dibromochloromethane
Concen: 5.128 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 129 Resp: 19405
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.5





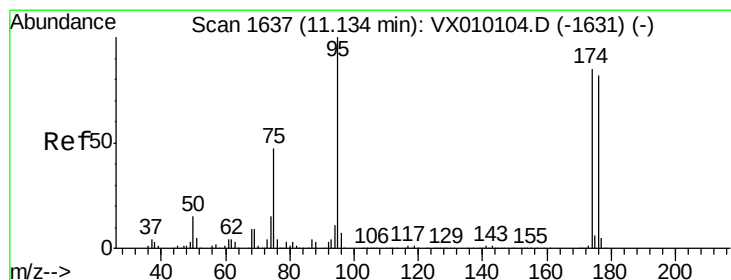
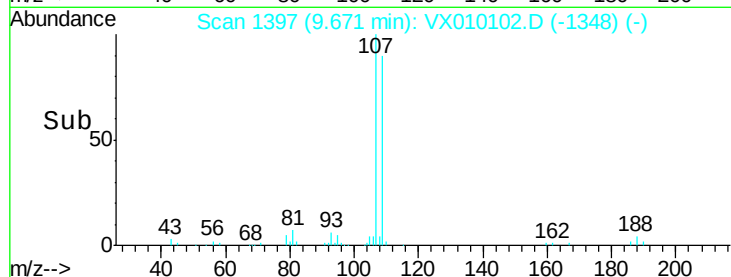
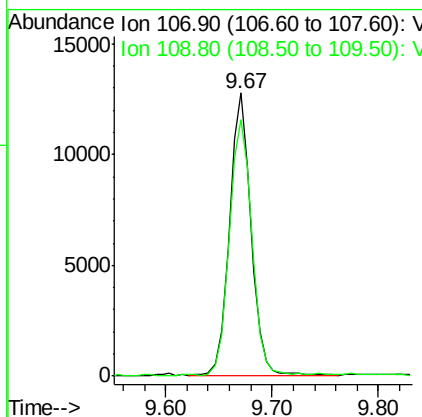
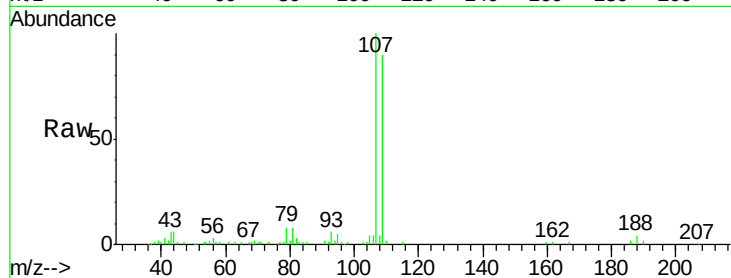
#61
 1,2-Dibromoethane
 Concen: 5.231 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.4	113.2

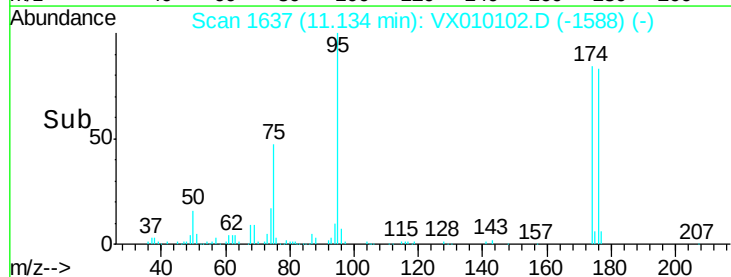
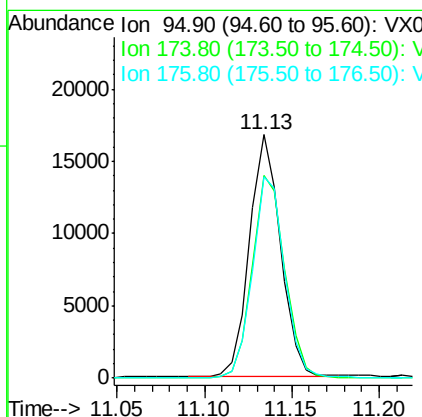
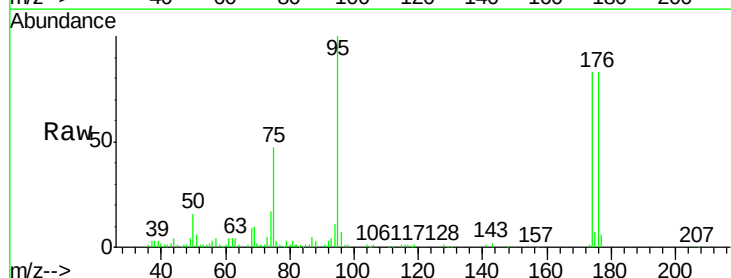
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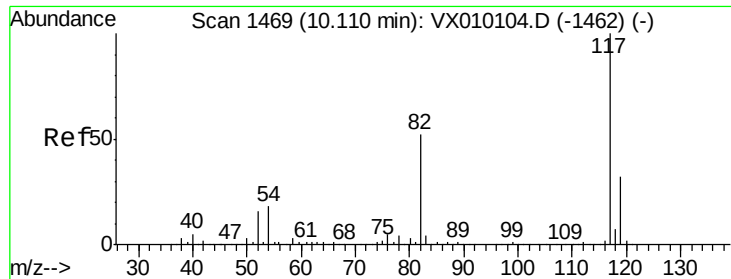
MMDadoda
 6/10/2019 10:53:27 AM



#62
 4-Bromofluorobenzene
 Concen: 5.032 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	160.4
176	85.8	0.0	154.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

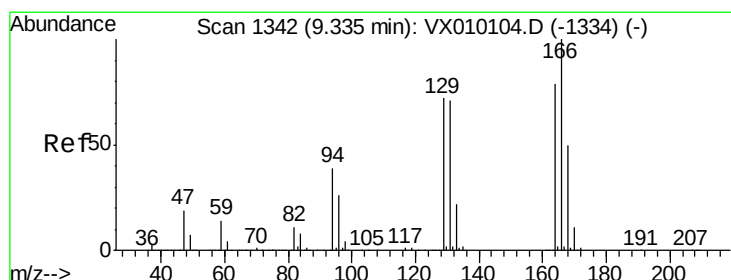
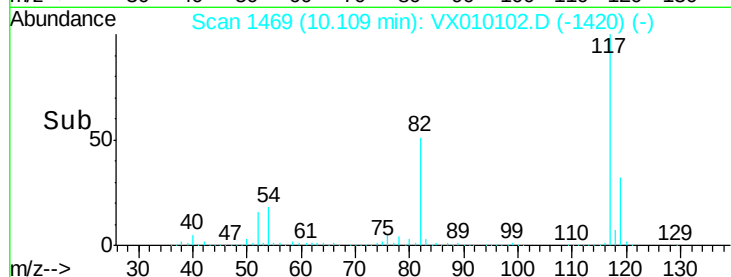
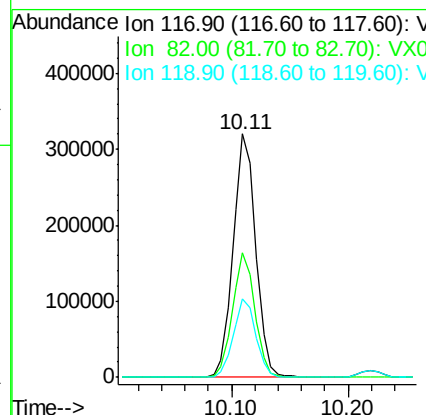
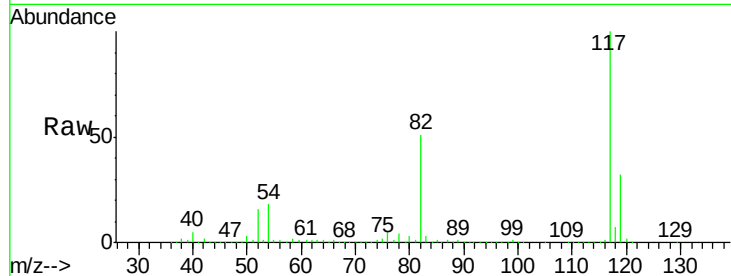
ClientSampleId :

VSTDIC005

Tot Ion:	117	Resp:	431316
Ion Ratio	Lower	Upper	
117	100		
82	51.2	49.2	73.8
119	32.4	25.2	37.8

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6/10/2019 10:53:27 AM



#64

Tetrachloroethene

Concen: 5.575 ug/l

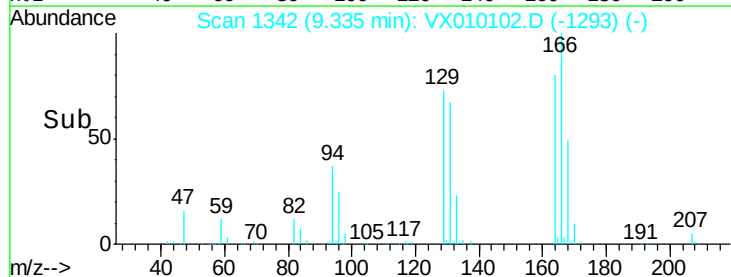
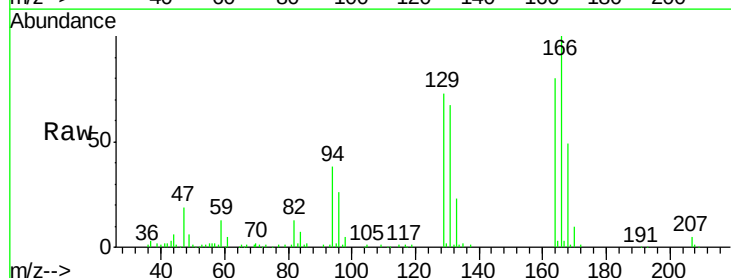
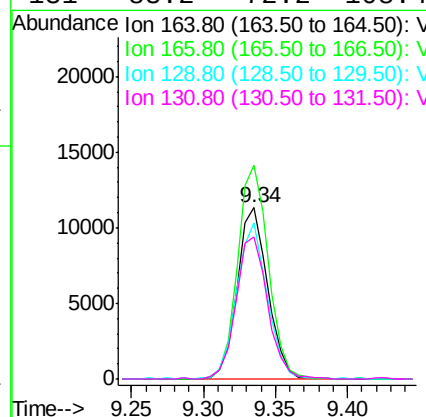
RT: 9.34 min Scan# 1342

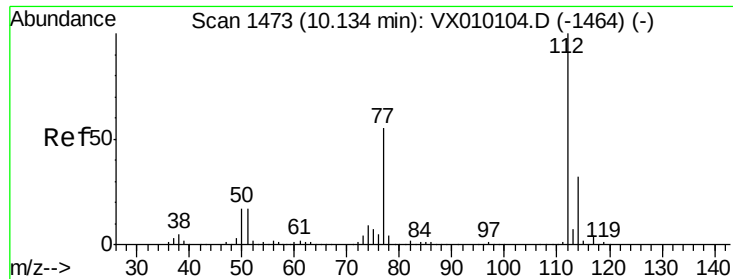
Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion:	164	Resp:	16729
Ion Ratio	Lower	Upper	
164	100		
166	124.8	105.0	157.4
129	91.2	75.1	112.7
131	83.2	72.2	108.4





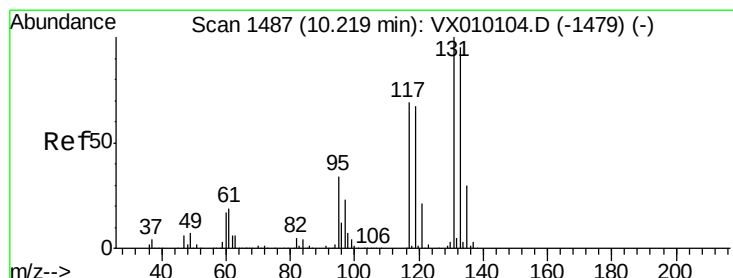
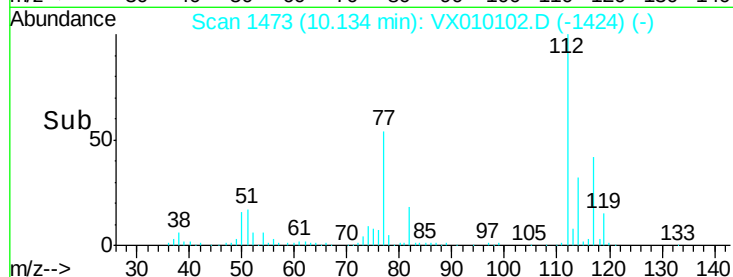
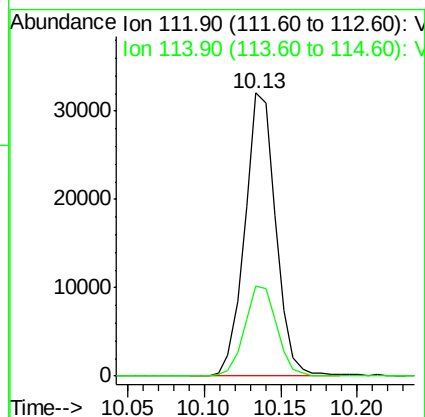
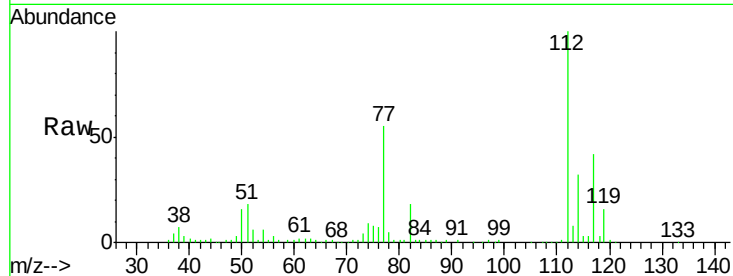
#65
Chlorobenzene
Concen: 5.225 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 44902
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

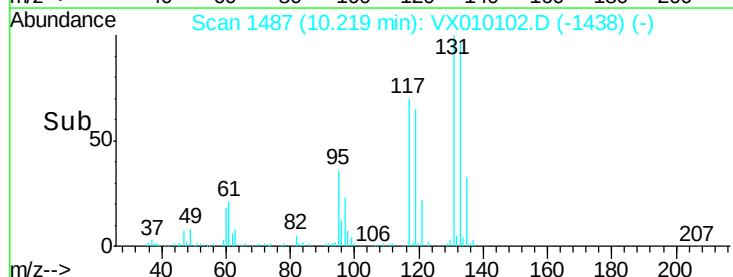
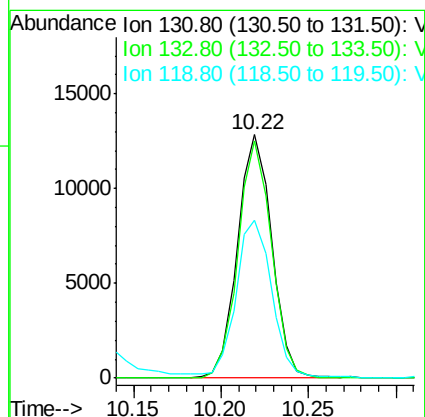
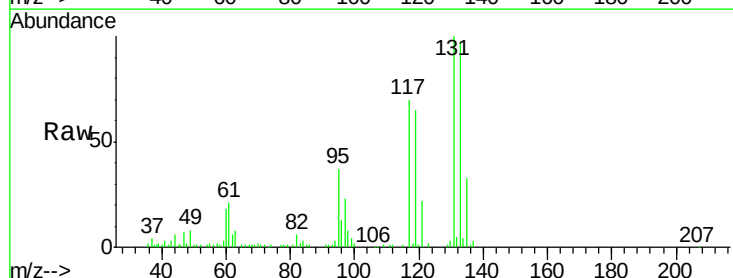
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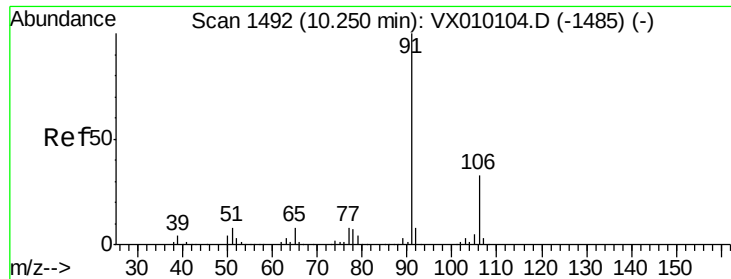
MMDadoda
6/10/2019 10:53:27 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 5.295 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion:131 Resp: 17536
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 68.2 33.4 100.1





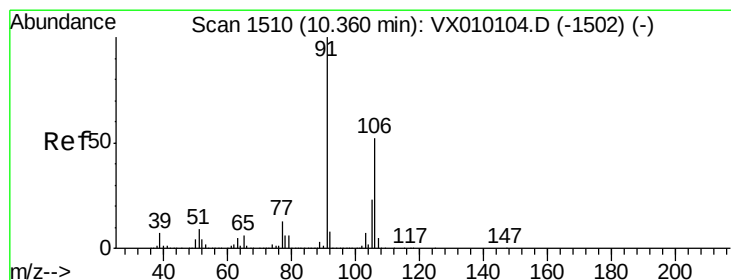
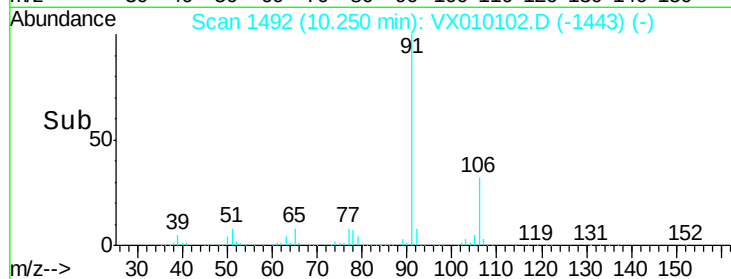
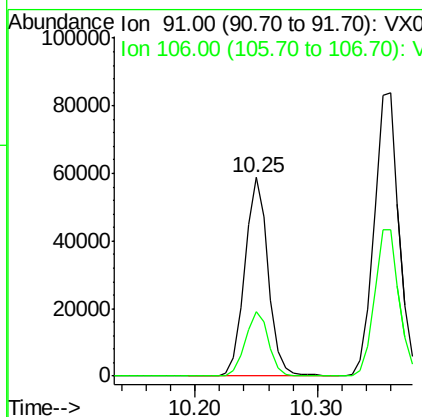
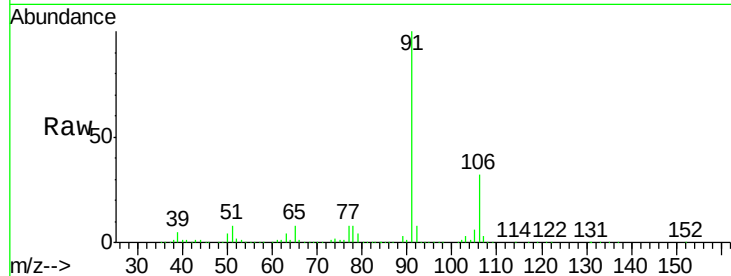
#67
Ethyl Benzene
Concen: 5.277 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 77303
Ion Ratio Lower Upper
91 100
106 32.5 23.9 35.9

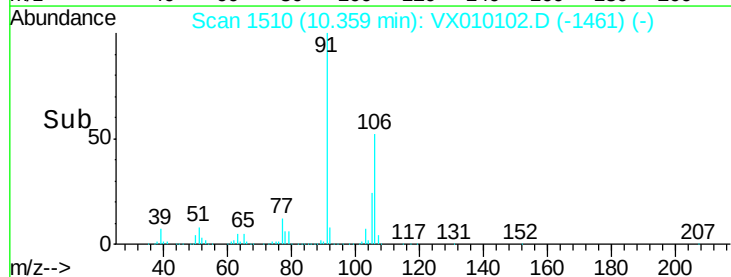
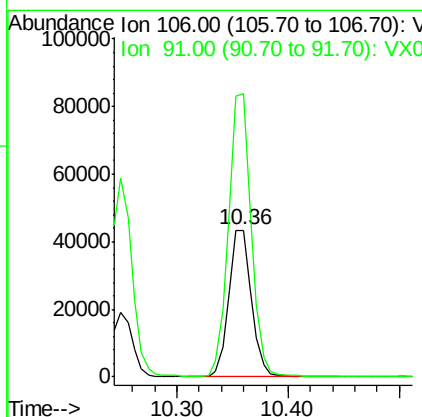
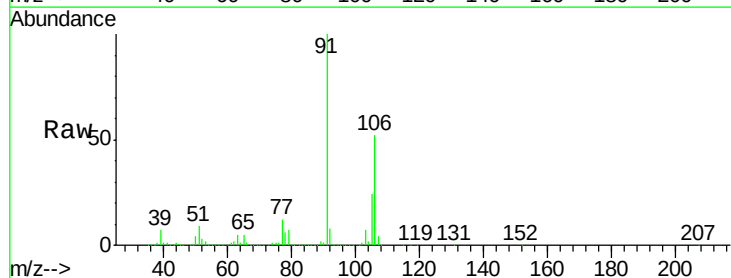
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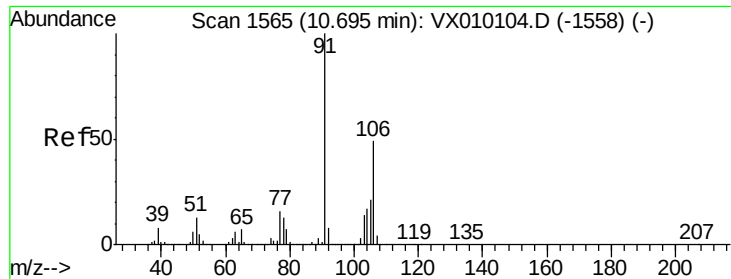
MMDadoda
6/10/2019 10:53:27 AM



#68
m/p-Xylenes
Concen: 10.765 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 106 Resp: 61034
Ion Ratio Lower Upper
106 100
91 193.2 167.3 250.9





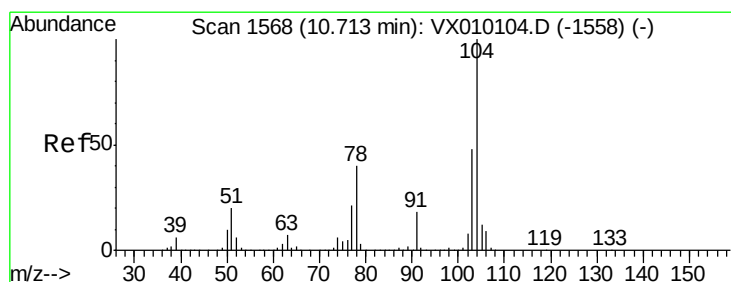
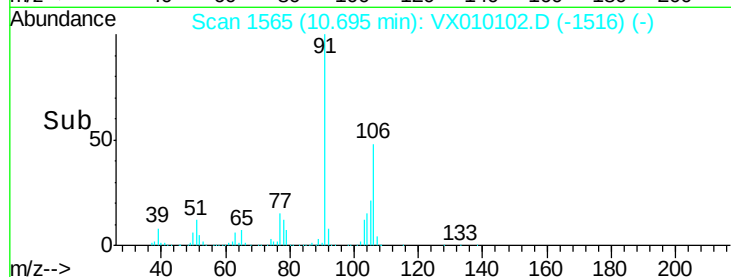
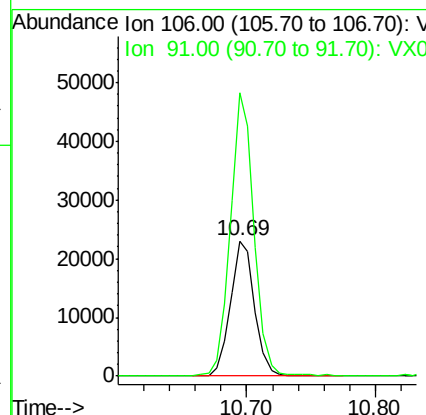
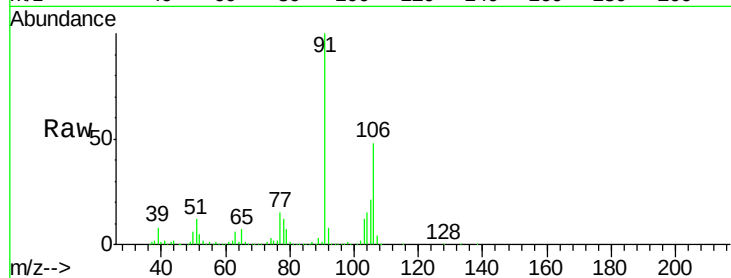
#69
o-Xylene
Concen: 5.439 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	30328		
91	91	202.1		110.4	331.2

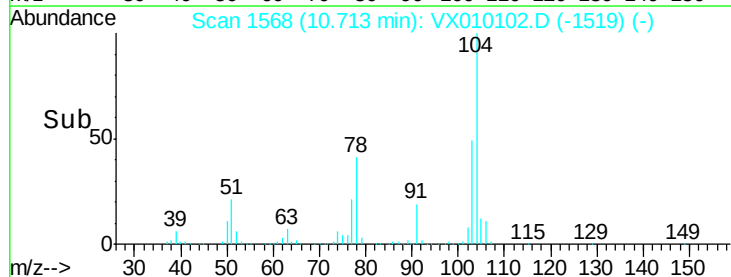
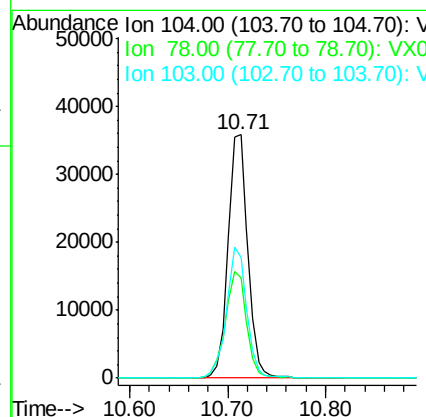
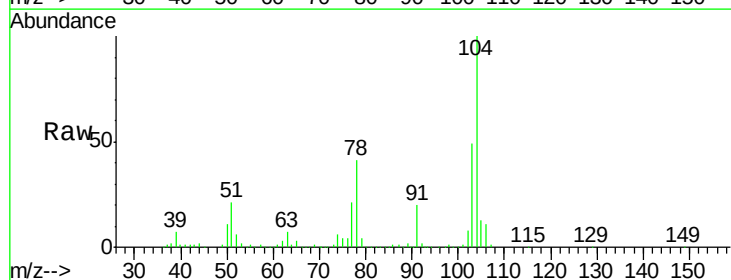
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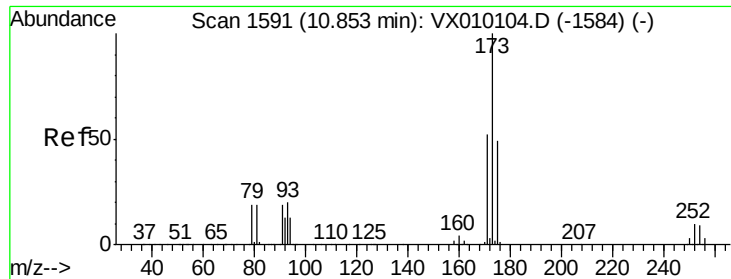
MMDadoda
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#70
Styrene
Concen: 5.215 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	50537		
78	78	47.4		42.1	63.1
103	103	54.7		44.1	66.1





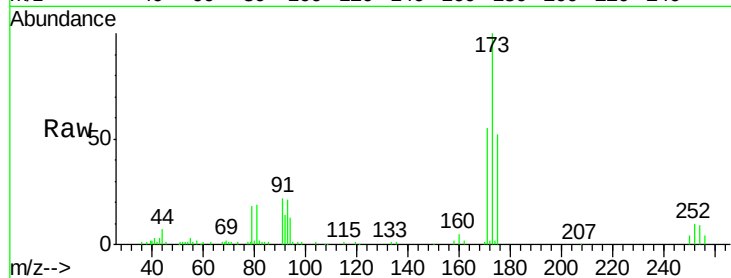
#71
Bromoform
Concen: 5.146 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

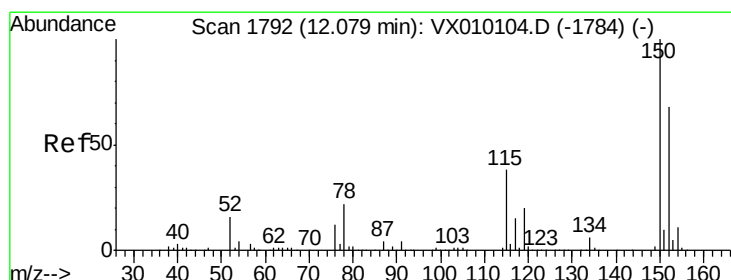
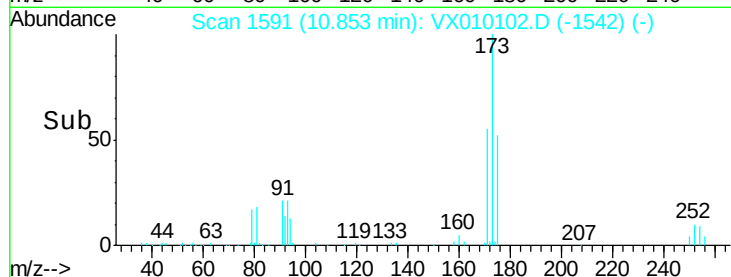
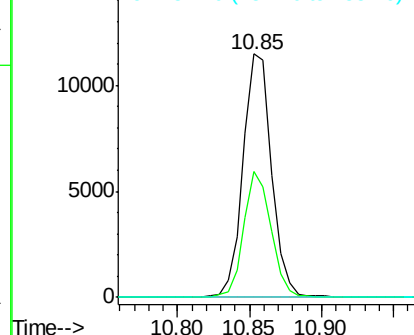
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	25.0	75.0
254	0.0	0.2	0.2

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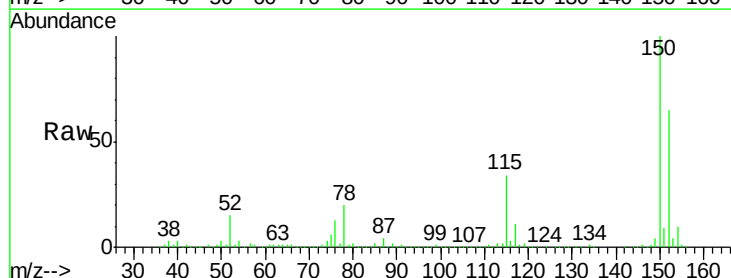


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

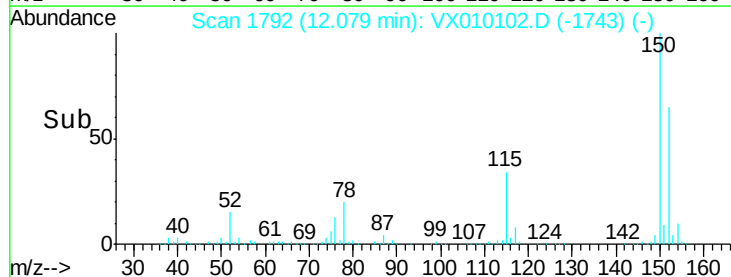
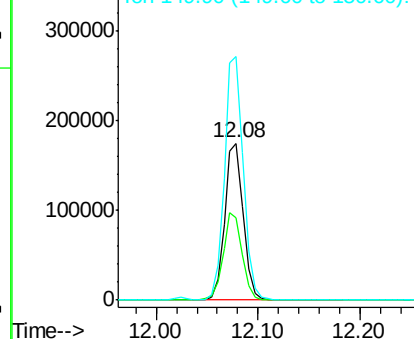


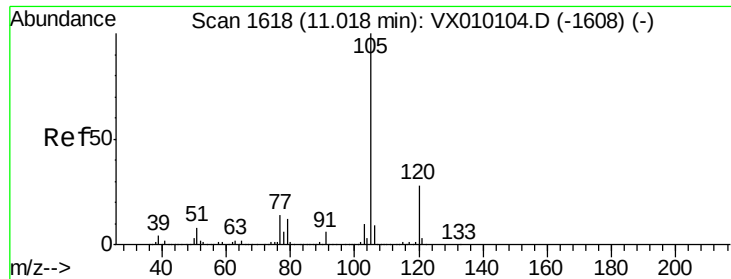
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	41.4	124.2
150	159.0	0.0	345.2



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





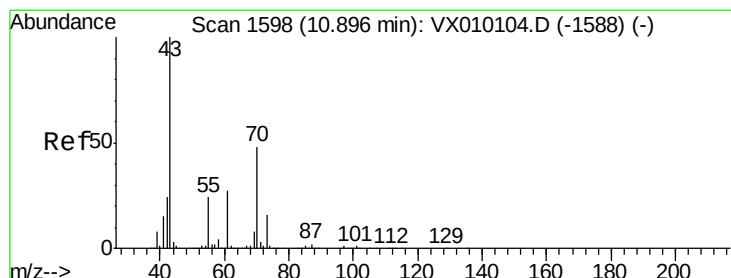
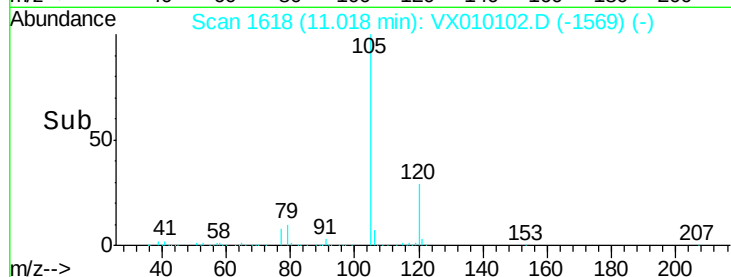
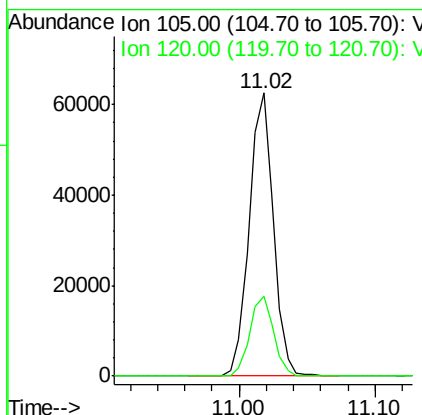
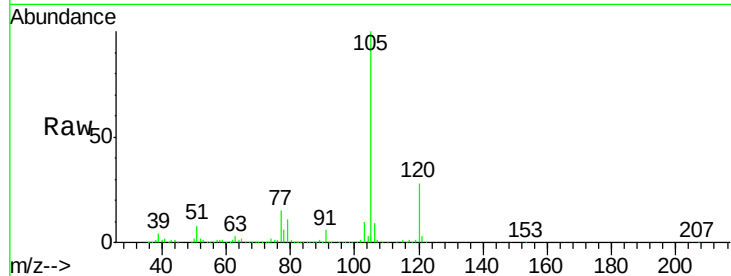
#73
Isopropylbenzene
Concen: 5.235 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	28.0	12.8	38.4

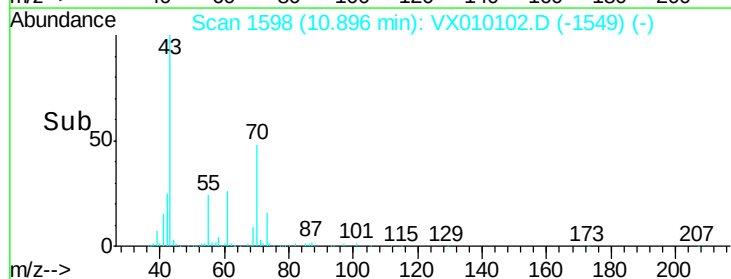
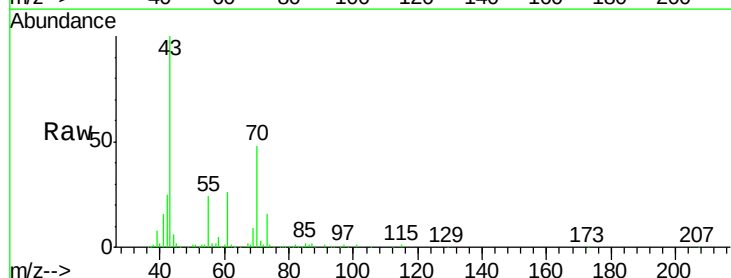
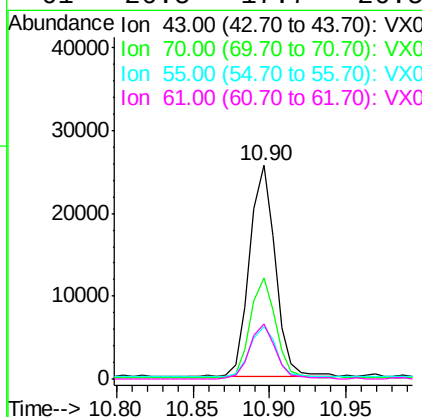
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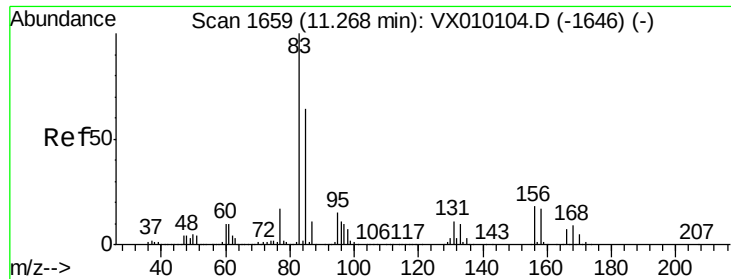
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#74
N-ethyl acetate
Concen: 5.047 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.8	28.6	43.0#
55	24.0	17.8	26.8
61	26.5	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 5.170 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

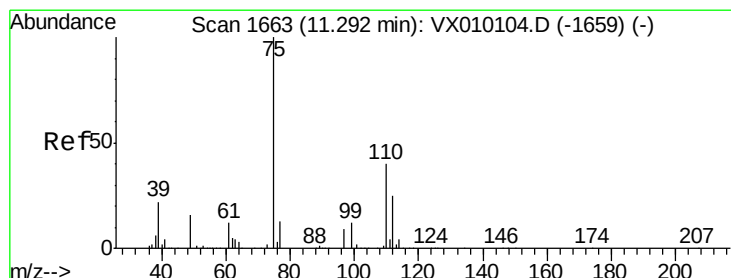
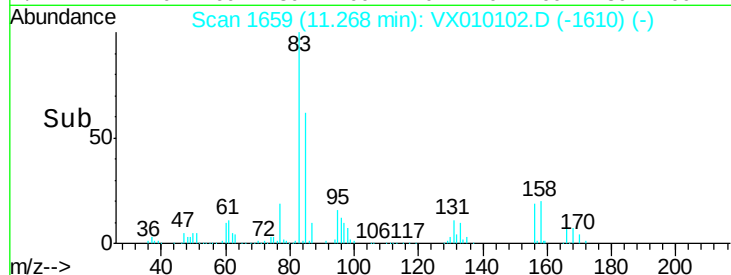
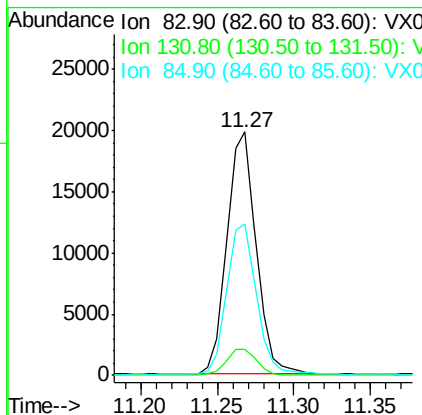
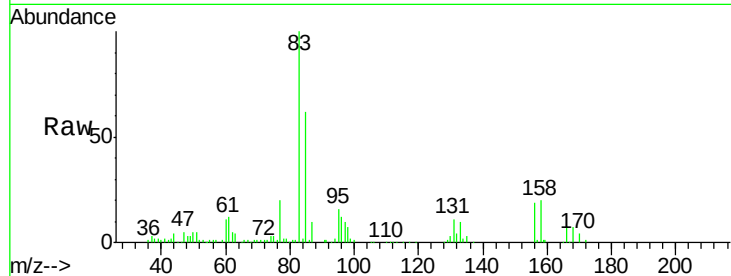
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	26108
Ion Ratio	Lower	Upper	
83	100		
131	11.4	4.7	14.1
85	66.3	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 5.093 ug/l m

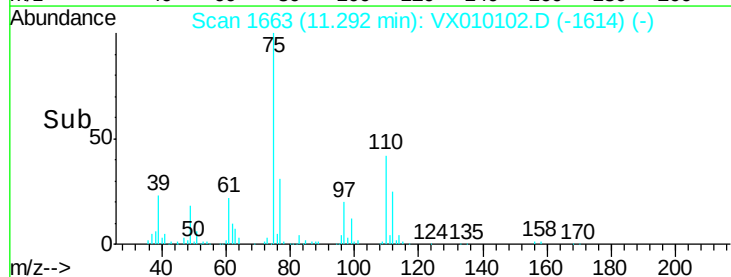
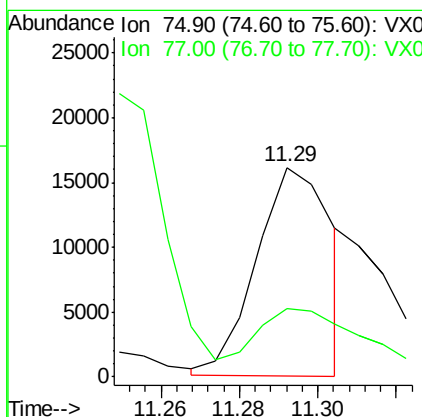
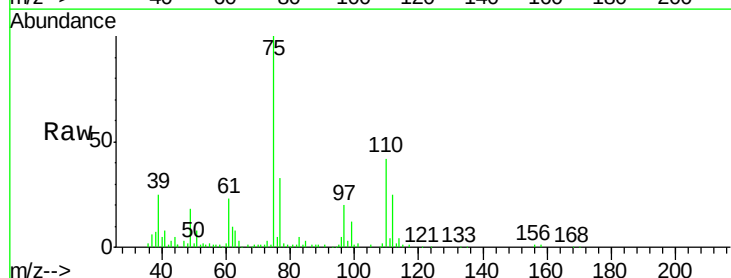
RT: 11.29 min Scan# 1663

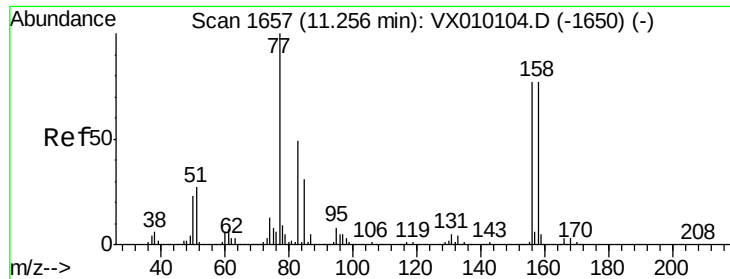
Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion:	75	Resp:	21481
Ion Ratio	Lower	Upper	
75	100		
77	46.6	22.1	66.1





#77

Bromobenzene

Concen: 5.286 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 21571

Ion Ratio Lower Upper

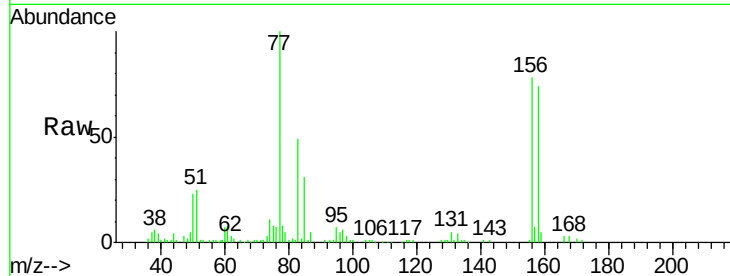
156 100

77 133.0 86.8 260.3

158 95.2 49.6 148.8

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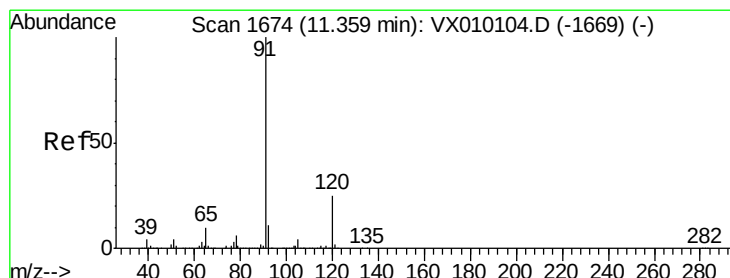
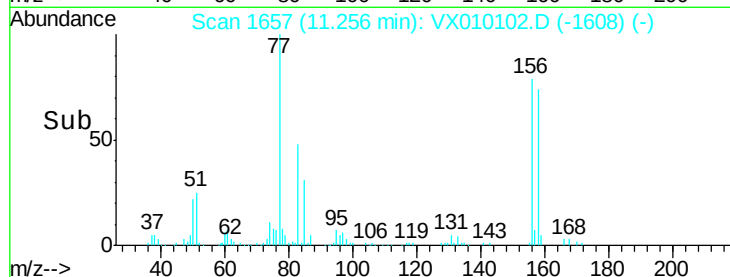
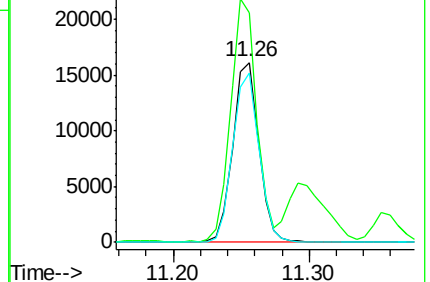
MMDadoda
6/10/2019 10:53:27 AM



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: 5.143 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010102.D

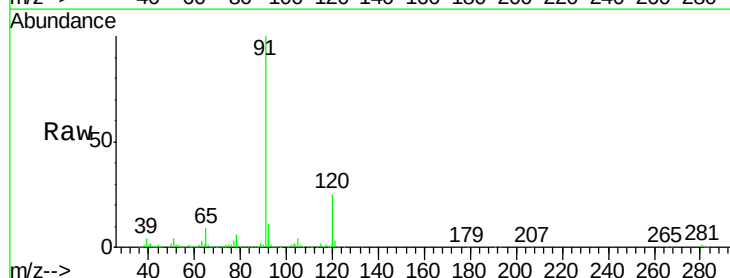
Acq: 07 Jun 2019 11:54

Tgt Ion: 91 Resp: 86168

Ion Ratio Lower Upper

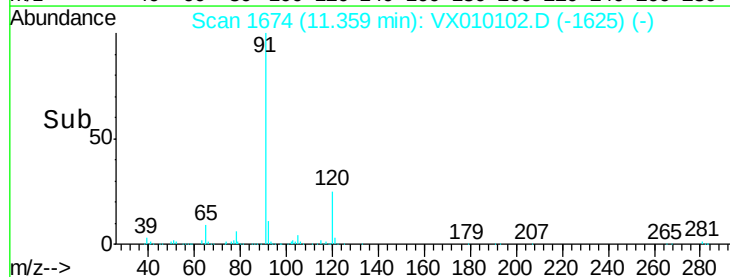
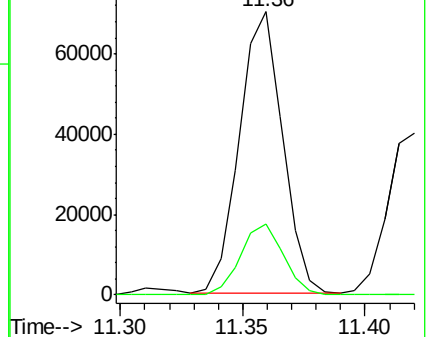
91 100

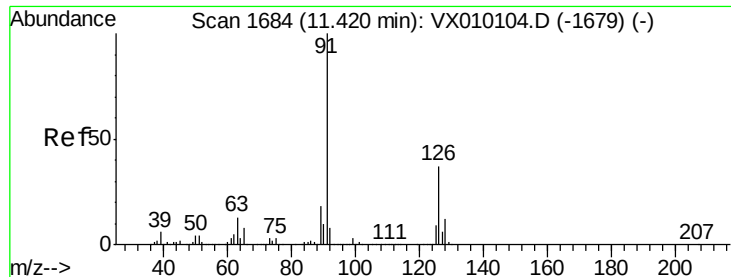
120 25.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.213 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 51954

Ion Ratio Lower Upper

91 100

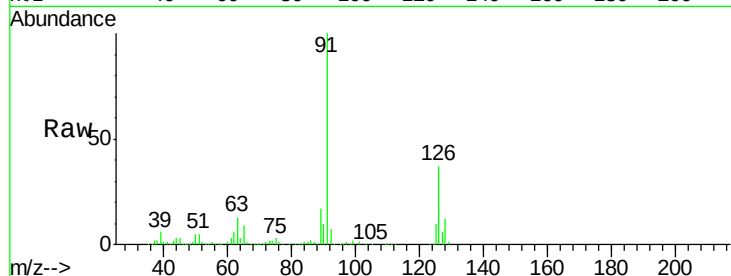
126 37.7 16.1 48.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX010102.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX010102.D (-1635) (-)

80000

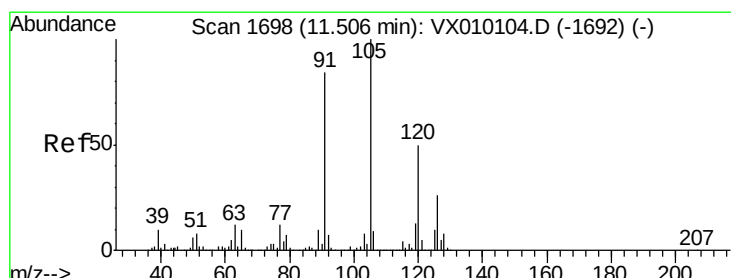
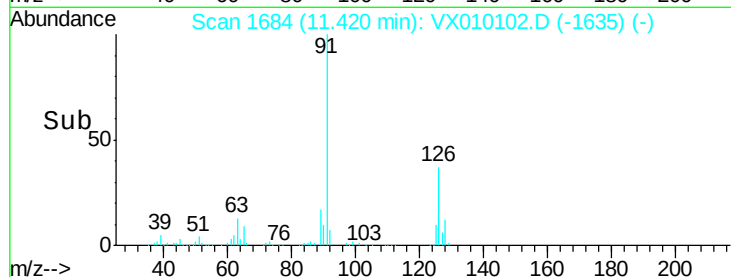
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.310 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010102.D

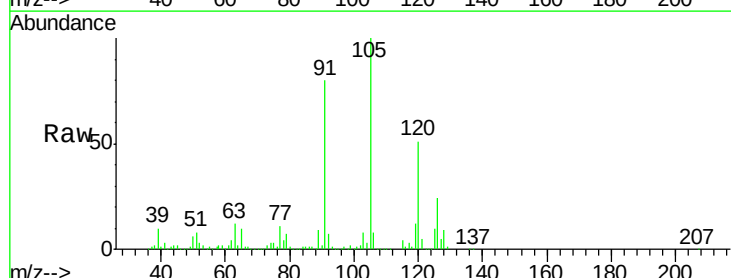
Acq: 07 Jun 2019 11:54

Tgt Ion: 105 Resp: 66281

Ion Ratio Lower Upper

105 100

120 50.9 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010102.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX010102.D (-1649) (-)

60000

50000

40000

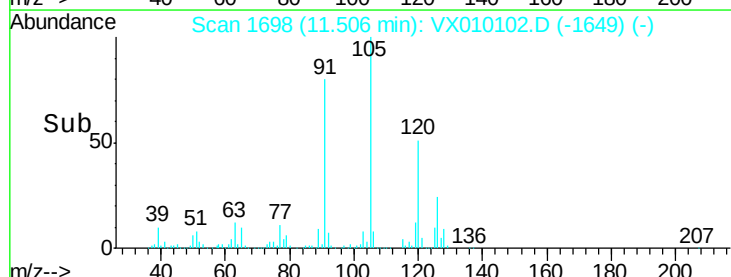
30000

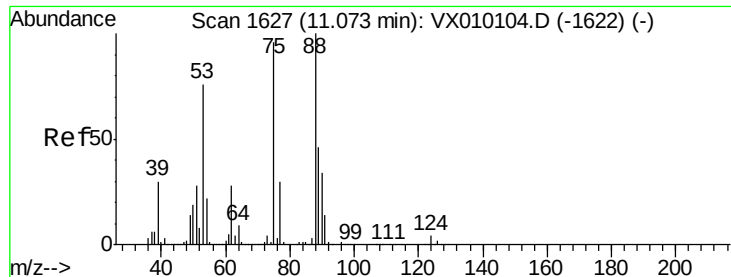
20000

10000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 5.028 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

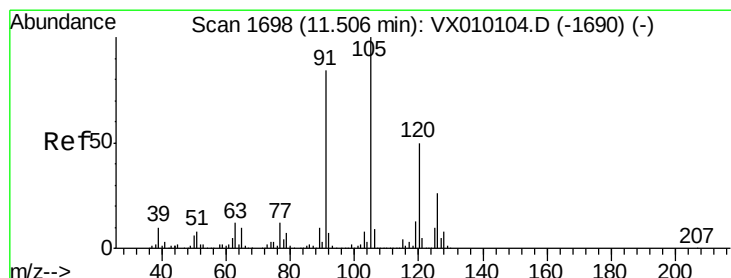
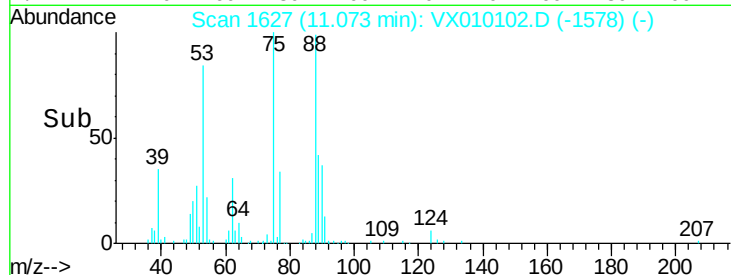
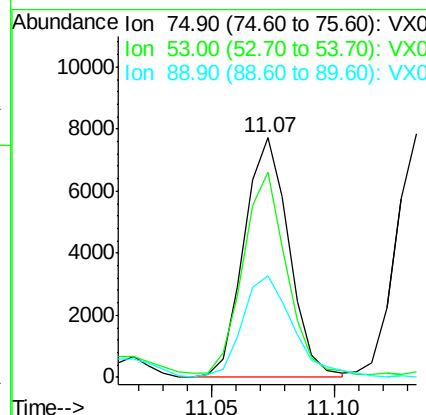
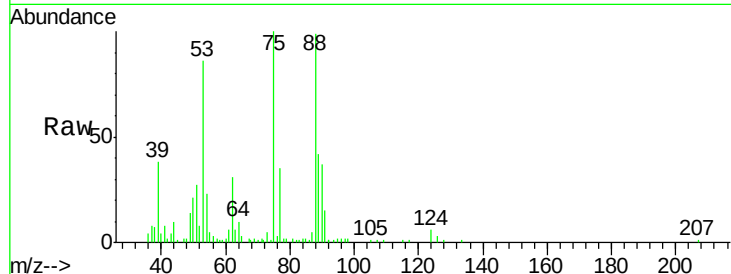
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	9887
Ion	Ratio	Lower	Upper
75	100		
53	81.3	79.8	119.6
89	48.1	34.2	51.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 5.172 ug/l

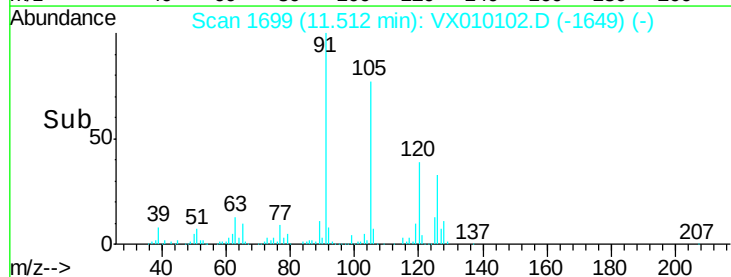
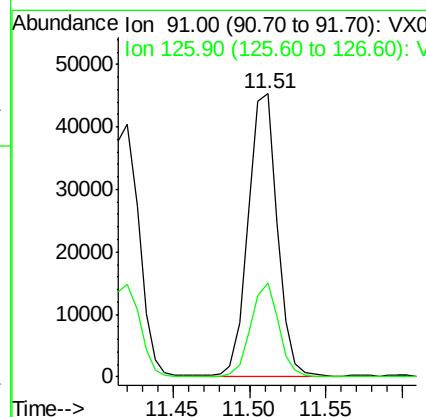
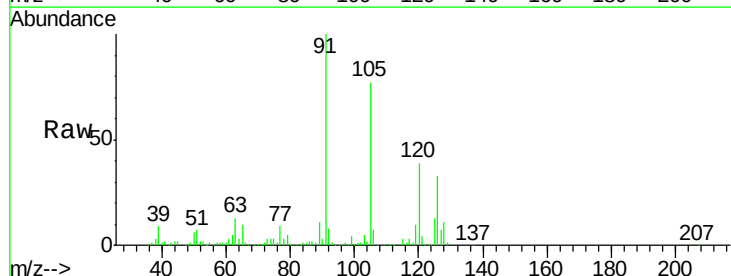
RT: 11.51 min Scan# 1699

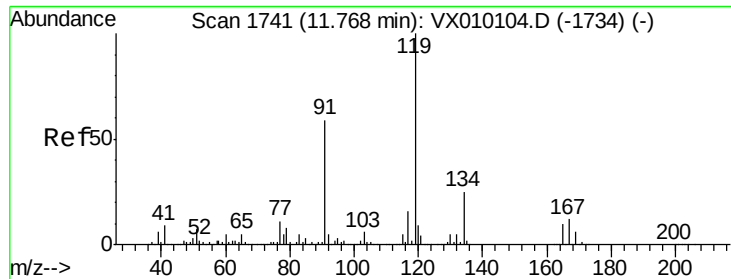
Delta R.T. 0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion:	91	Resp:	59603
Ion	Ratio	Lower	Upper
91	100		
126	32.3	14.2	42.6





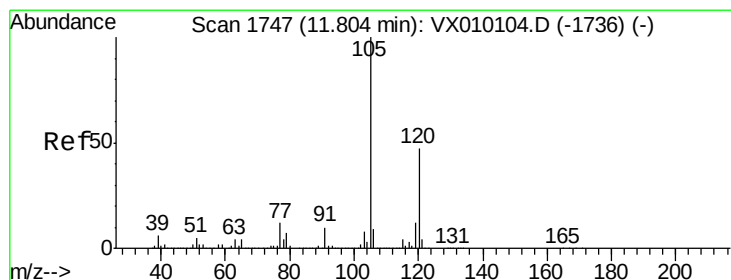
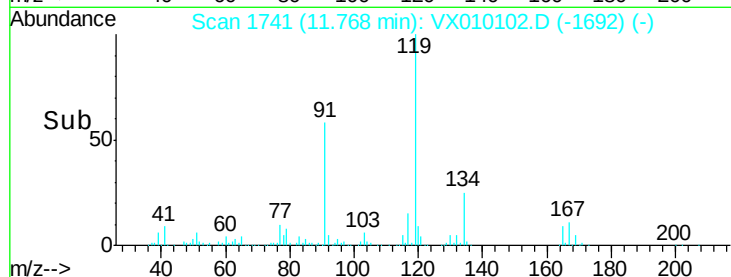
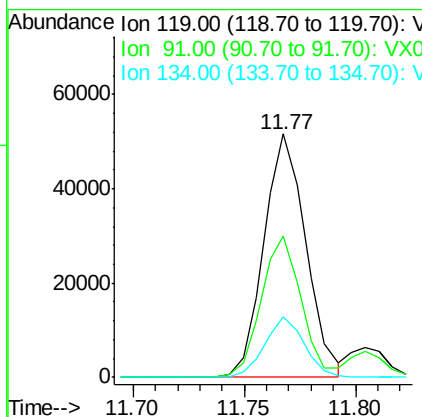
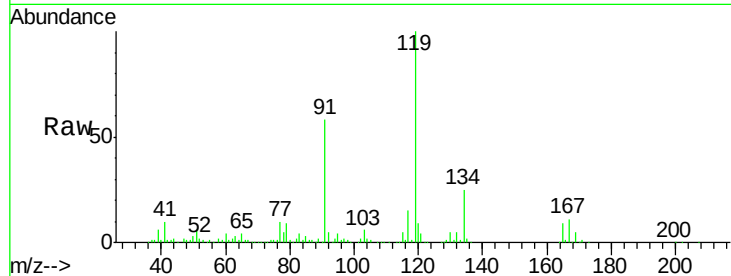
#83
 tert-Butylbenzene
 Concen: 5.354 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.5	30.0	90.0
134	23.3	11.2	33.5

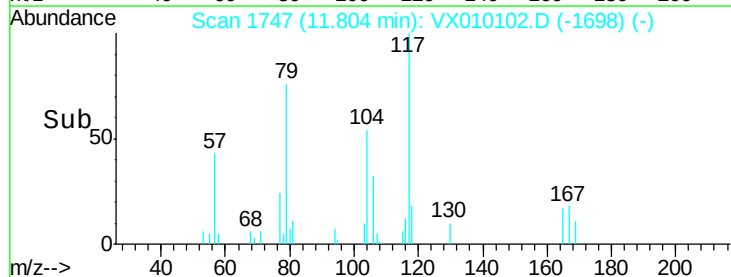
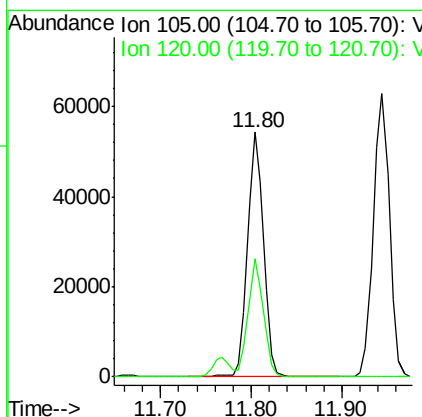
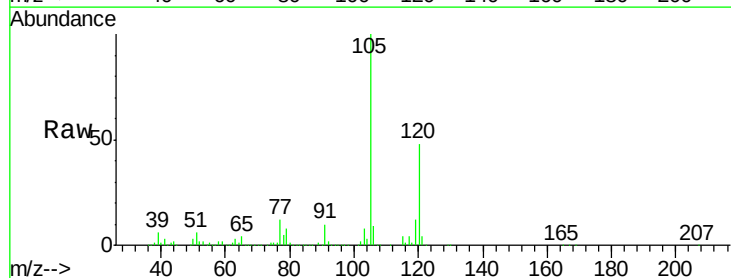
Manual Integrations
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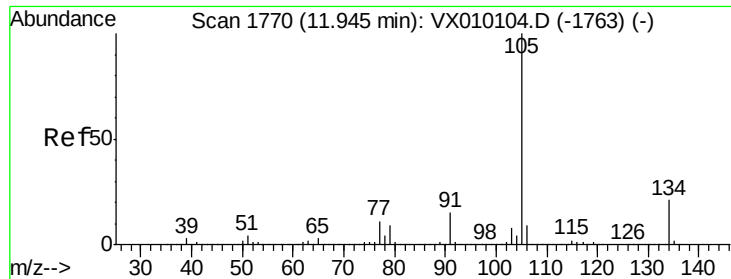
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.253 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.1	66.1





#85

sec-Butylbenzene

Concen: 5.251 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 77533

Ion Ratio Lower Upper

105 100

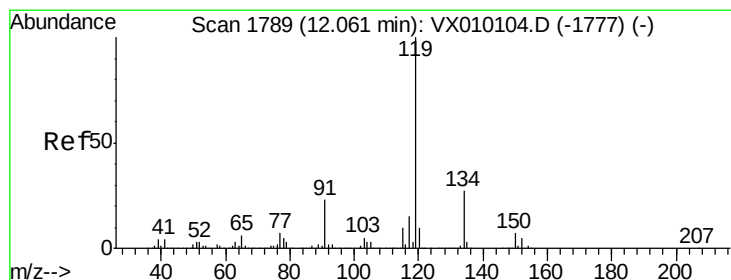
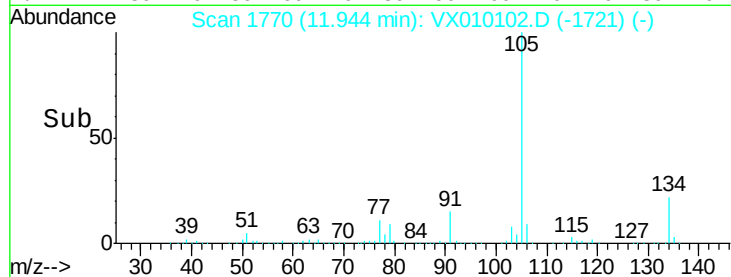
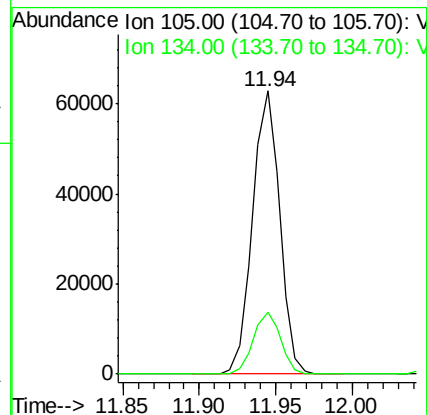
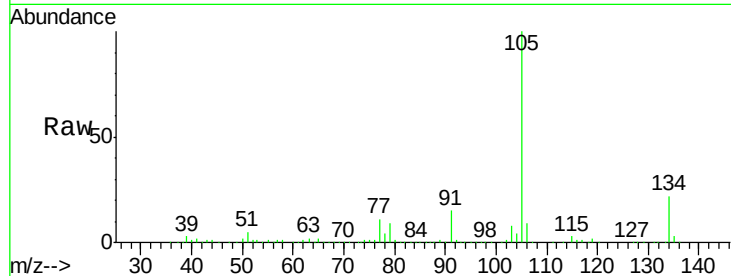
134 22.0 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 5.191 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

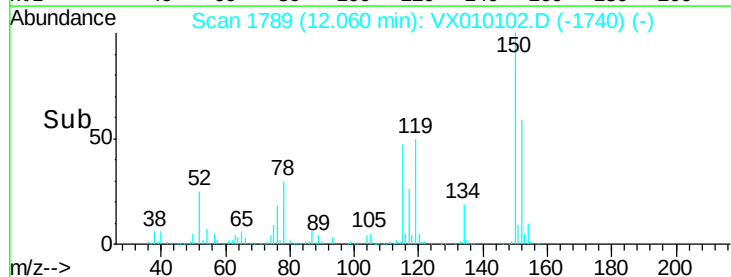
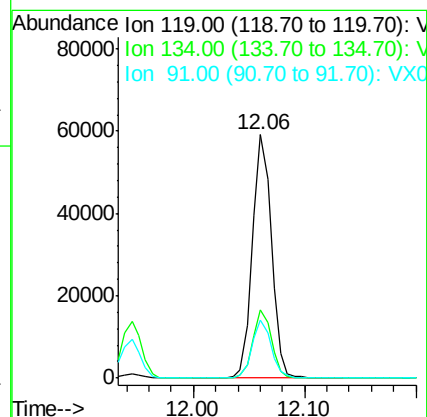
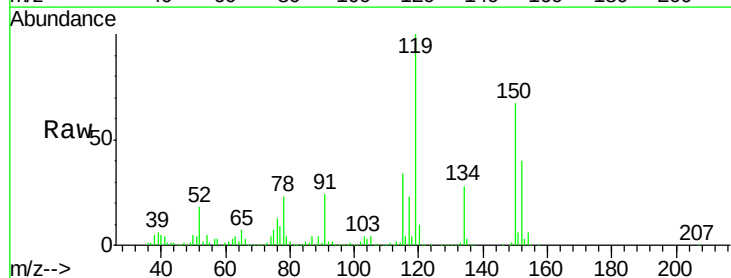
Tgt Ion:119 Resp: 70534

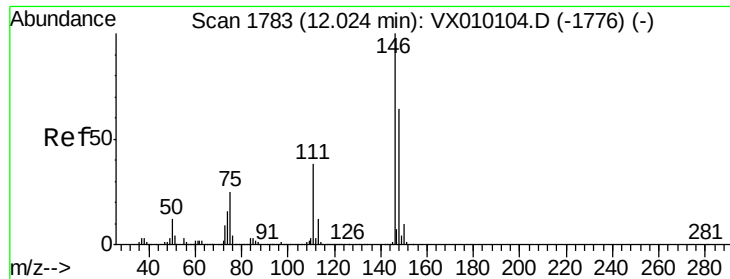
Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 5.180 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

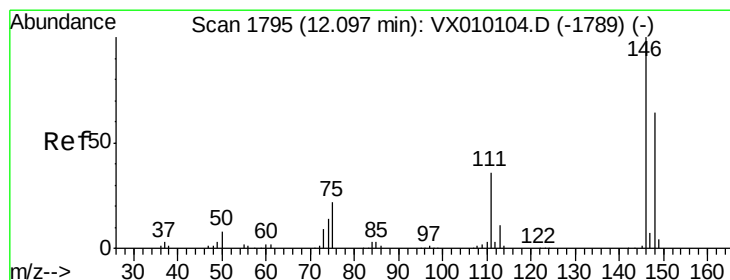
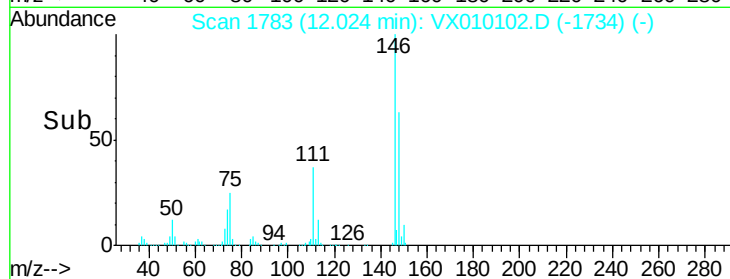
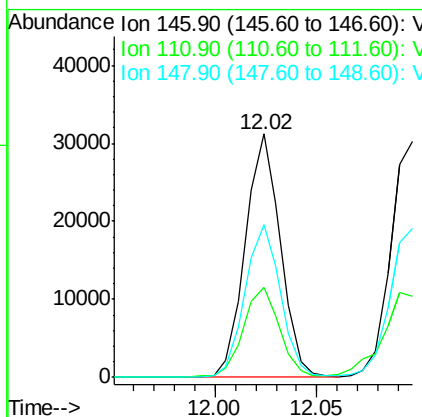
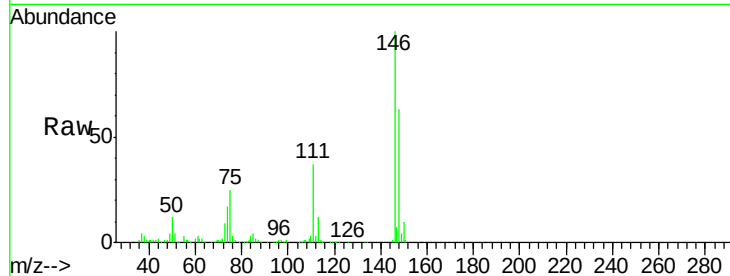
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	37351
Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.1	60.2
148	63.9	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 5.362 ug/l

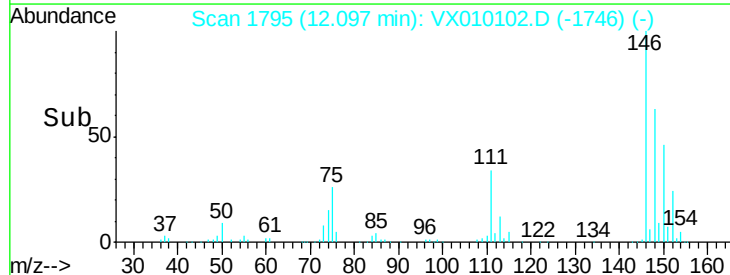
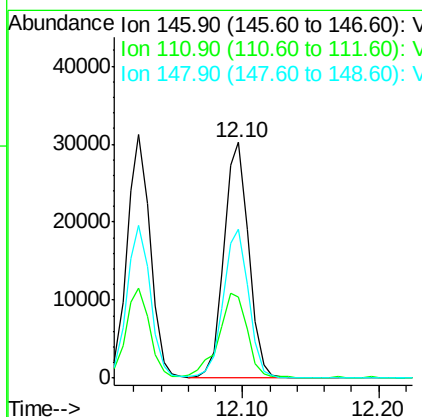
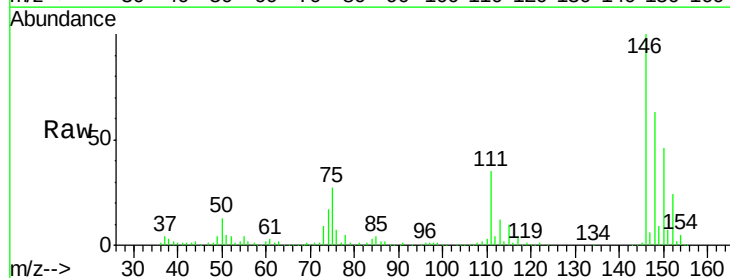
RT: 12.10 min Scan# 1795

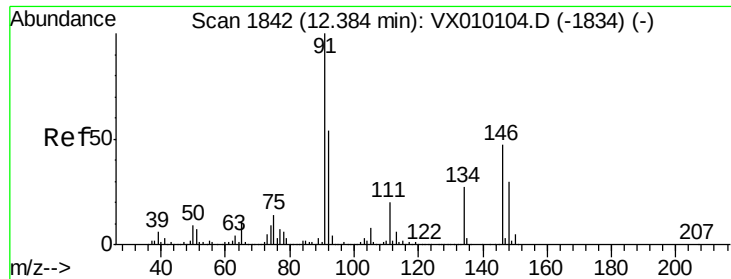
Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion:	146	Resp:	38080
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.0	59.9
148	64.7	32.3	96.9





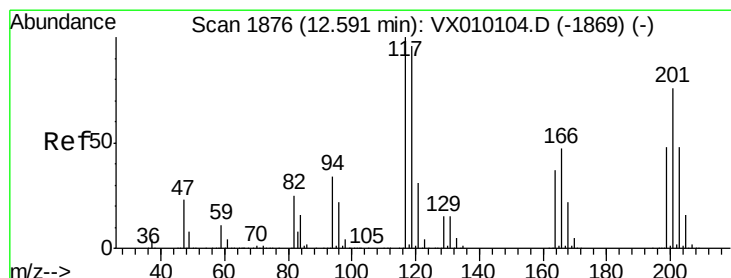
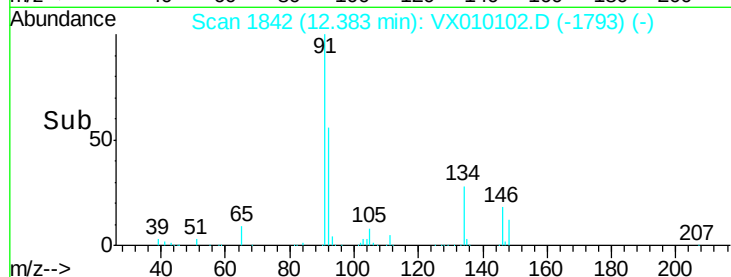
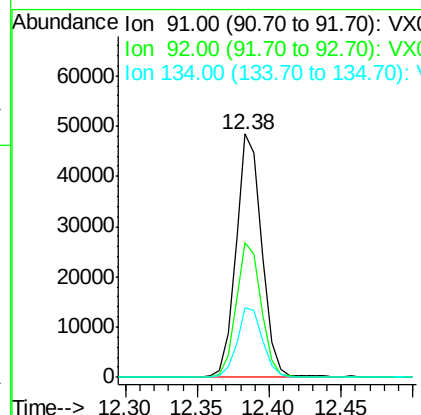
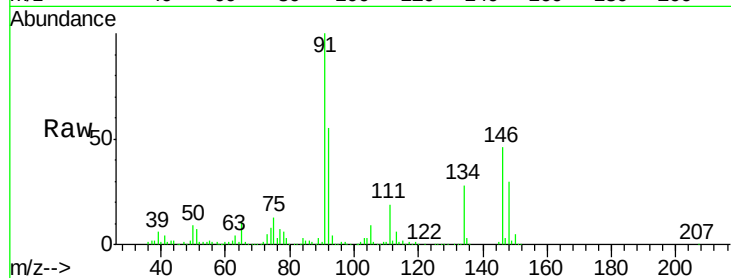
#89
n-Butylbenzene
Concen: 5.087 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.3	78.8
134	28.6	12.3	36.8

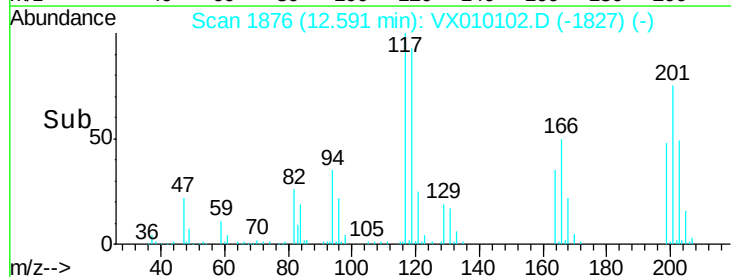
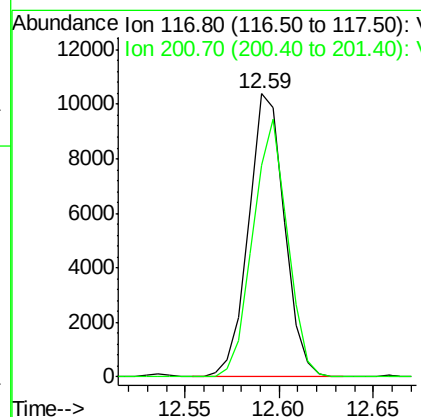
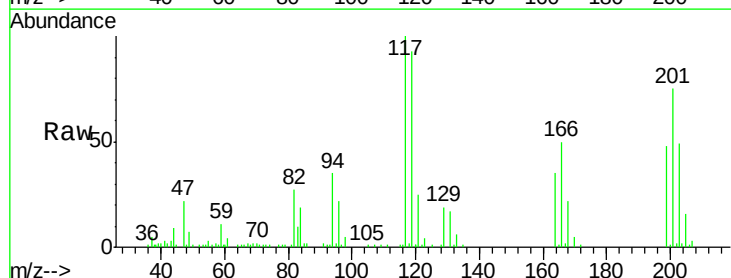
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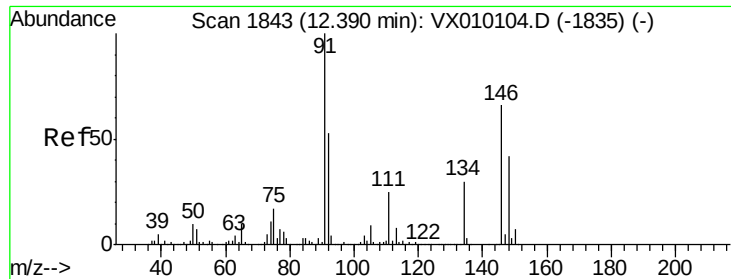
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#90
Hexachloroethane
Concen: 5.113 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.3	43.6	130.9





#91

1,2-Dichlorobenzene

Concen: 5.331 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

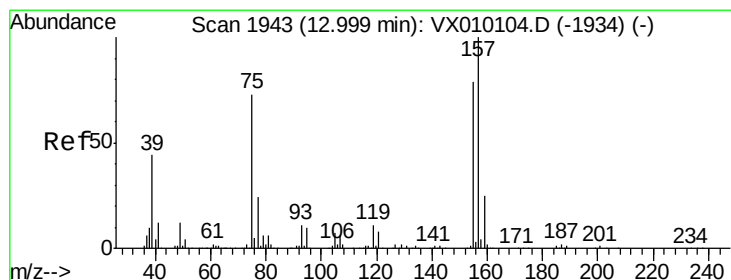
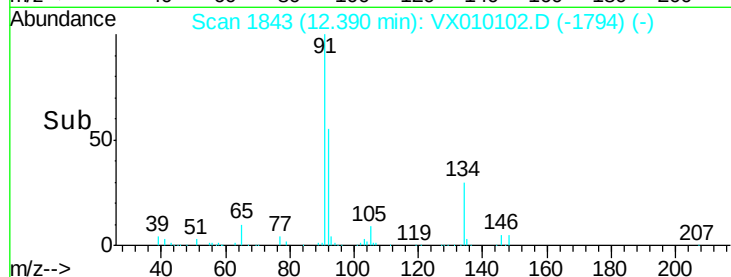
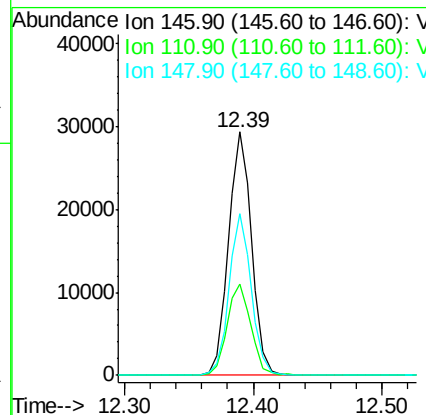
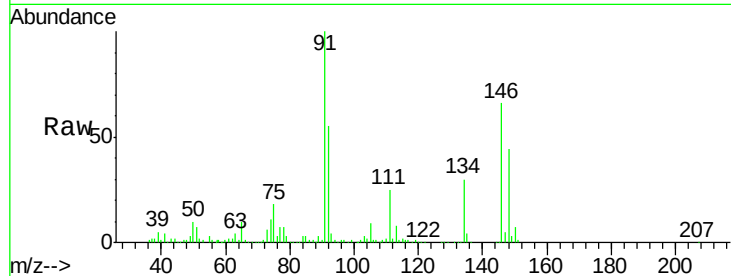
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.1	63.1
148	63.9	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 5.184 ug/l

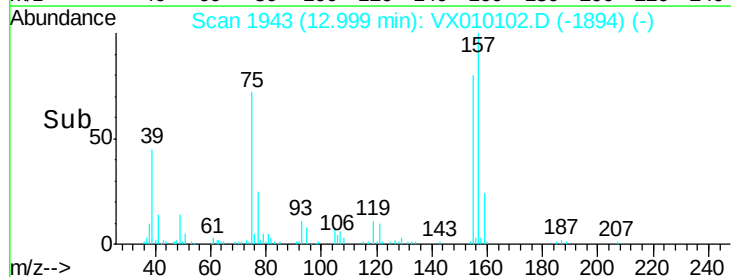
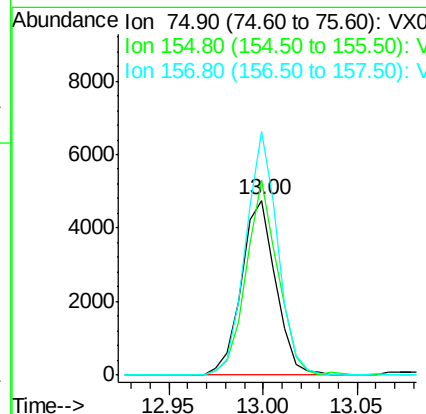
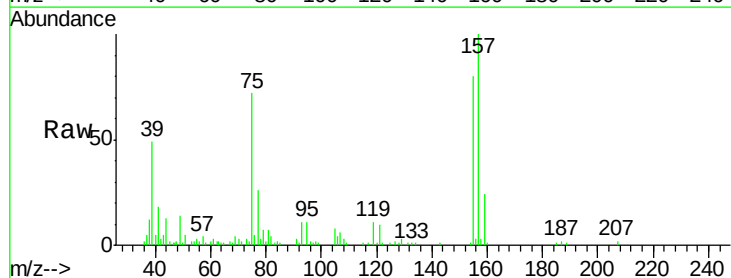
RT: 13.00 min Scan# 1943

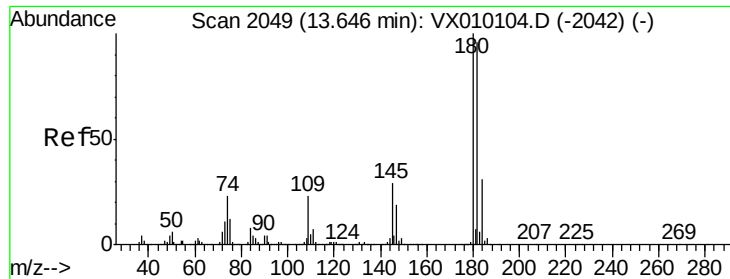
Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	39.3	117.8
157	128.8	50.6	151.8





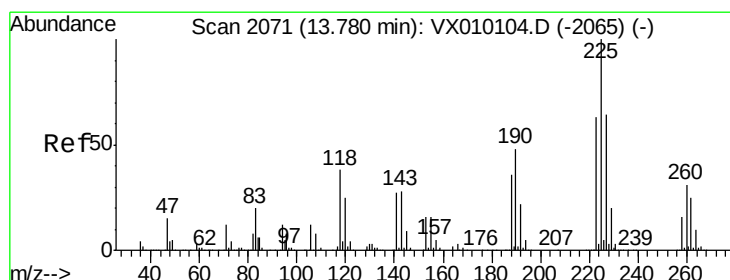
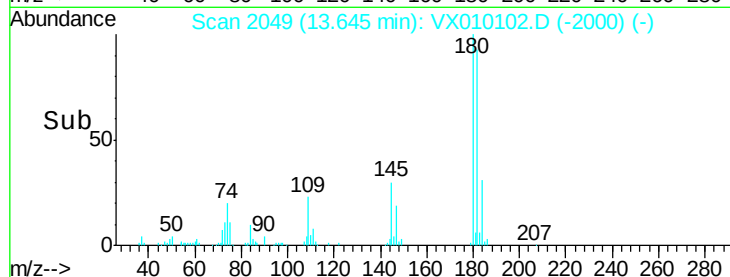
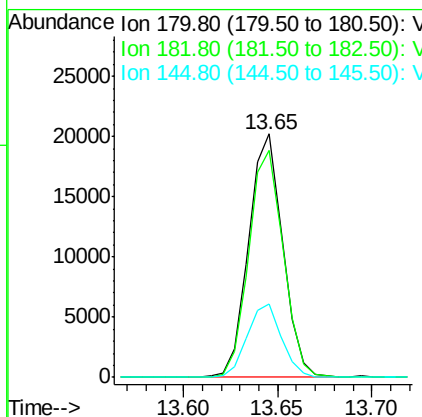
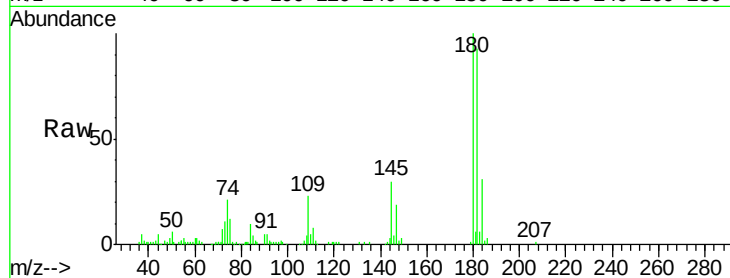
#93
 1,2,4-Trichlorobenzene
 Concen: 5.076 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	25286		
182	94.6		47.4	142.2
145	30.4		14.5	43.5

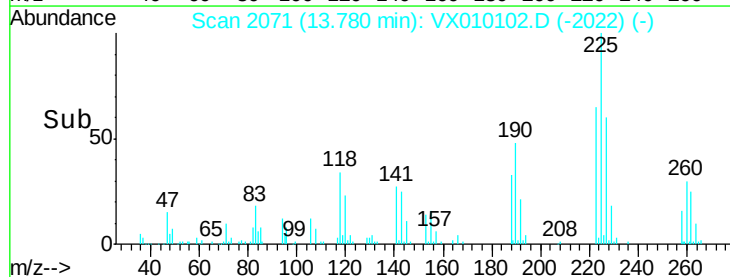
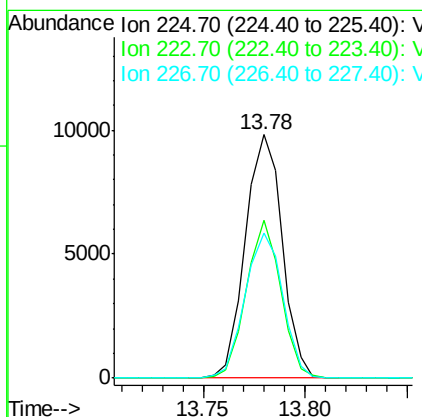
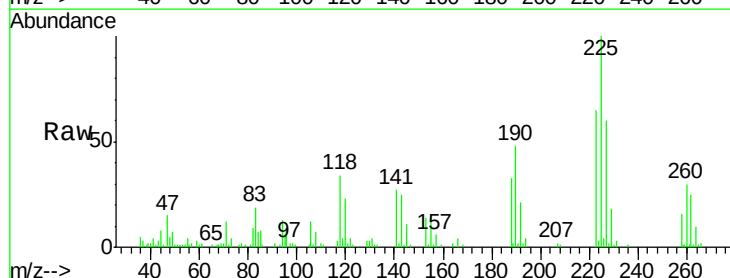
Manual Integrations
 APPROVED

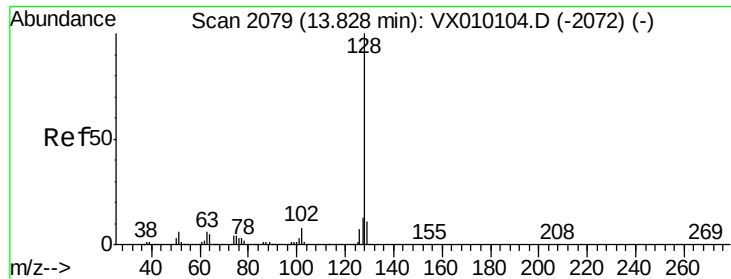
MMDadoda
 6/10/2019 10:53:27 AM



#94
 Hexachlorobutadiene
 Concen: 5.574 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12351		
223	60.8		31.3	93.8
227	60.8		32.3	96.8





#95

Naphthalene

Concen: 5.068 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

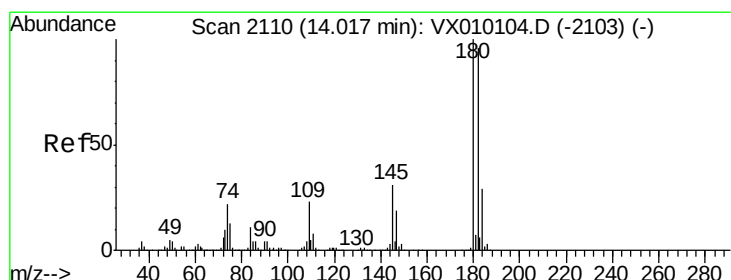
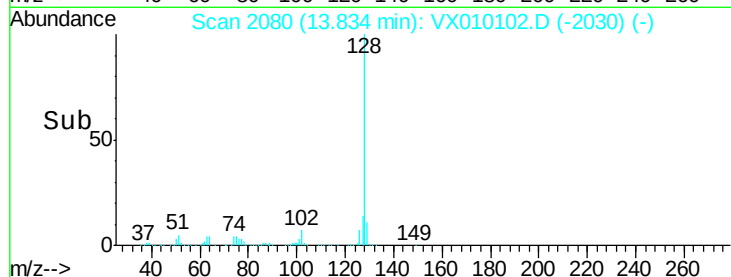
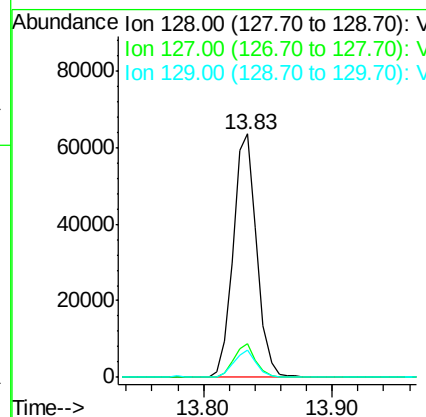
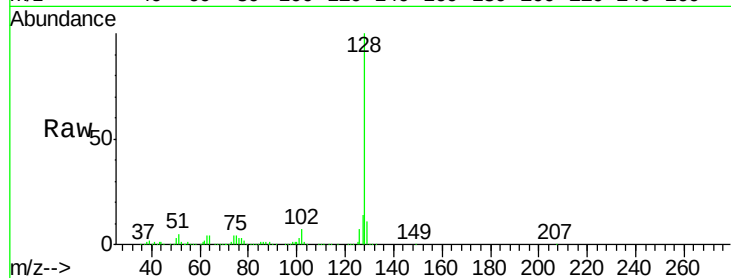
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	81432
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/10/2019 10:53:27 AM



#96

1,2,3-Trichlorobenzene

Concen: 5.287 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion:	180	Resp:	26101
Ion Ratio	Lower	Upper	
180	100		
182	92.9	47.3	142.0
145	31.3	15.6	46.7

