

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\
 Data File : VX004914.D
 Acq On : 02 Oct 2018 11:51
 Operator : JC/MD
 Sample : VSTDICC200
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC200

Manual Integrations
 APPROVED

MMDadoda
 10/3/2018 4:23:26 PM

Quant Time: Oct 03 04:42:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:23:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	44590	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	268203	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	255089	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	105214	31.05	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.50%
60) 4-Bromofluorobenzene	11.14	95	133294	31.44	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.80%
63) Toluene-d8	8.72	98	327634	28.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	744440	214.434	ug/l 99
3) Chloromethane	1.32	50	772339	214.421	ug/l 100
4) Vinyl Chloride	1.40	62	762640	207.112	ug/l 100
5) Bromomethane	1.64	94	389349	220.347	ug/l 98
6) Chloroethane	1.70	64	380434	179.954	ug/l 100
7) Trichlorofluoromethane	1.91	101	947653	202.032	ug/l 99
8) Diethyl Ether	2.19	74	390620	204.282	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	537168	199.411	ug/l 99
10) 1,1-Dichloroethene	2.36	96	522784	204.892	ug/l 99
11) Methyl Iodide	2.50	142	618728	297.835	ug/l 99
12) Methyl Acetate	2.78	43	1025297	199.279	ug/l 99
13) Acrolein	2.30	56	476523	1002.438	ug/l 99
14) Acrylonitrile	3.16	53	2089447	993.774	ug/l 99
15) Acetone	2.46	58	597364	849.946	ug/l 99
16) Carbon Disulfide	2.56	76	1583235	211.563	ug/l 100
17) Allyl chloride	2.72	41	1095325	193.051	ug/l 95
18) Methylene Chloride	2.85	84	585314	197.260	ug/l 97
19) trans-1,2-Dichloroethene	3.15	96	553474	203.038	ug/l 99
20) Diisopropyl ether	3.87	45	1967897	203.425	ug/l 95
21) 1,1-Dichloroethane	3.69	63	1048567	196.728	ug/l 100
22) cis-1,2-Dichloroethene	4.59	96	617905	204.884	ug/l 98
23) tert-Butyl Alcohol	3.12	59	1007243m	1037.642	ug/l
24) Methyl tert-Butyl Ether	3.21	73	1901374	202.781	ug/l 100
25) Chloroform	5.22	83	1010110	201.363	ug/l 98
26) Cyclohexane	5.57	56	963416	210.618	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	779951	196.520	ug/l 99
30) 2-Butanone	4.71	43	2880291	892.631	ug/l 100
31) 2,2-Dichloropropane	4.58	77	842166	193.404	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	891827	195.480	ug/l 99
33) Carbon Tetrachloride	5.78	117	792375	197.759	ug/l 99
34) Benzene	6.14	78	2310852	191.873	ug/l 99
35) Methacrylonitrile	5.07	41	572483	190.911	ug/l 98
36) 1,2-Dichloroethane	6.20	62	814952	187.832	ug/l 99
37) Trichloroethene	7.21	130	614596	193.732	ug/l 98
38) Methylcyclohexane	7.46	83	962223	204.209	ug/l 97
39) 1,2-Dichloropropane	7.52	63	624980	194.761	ug/l 96
40) Dibromomethane	7.66	93	403070	193.797	ug/l 97

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Manual Integrations
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Quant Time: Oct 03 04:42:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:23:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	803231	200.328	ug/l	97
42) Vinyl Acetate	3.83	43	8734762	935.665	ug/l	99
43) Ethyl Acetate	4.87	43	1009825	189.718	ug/l	99
44) Isopropyl Acetate	6.47	43	1601312	201.594	ug/l	100
45) 1,4-Dioxane	7.76	88	362662	3875.303	ug/l	97
46) Methyl methacrylate	7.78	41	841310	204.146	ug/l	97
47) n-amyl Acetate	10.90	43	1669914	227.865	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	973077	200.268	ug/l	98
49) cis-1,3-Dichloropropene	8.44	75	1011584	215.255	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	610097	193.750	ug/l	99
51) Ethyl methacrylate	9.18	69	1080648	216.243	ug/l	99
52) 1,3-Dichloropropane	9.37	76	1032042	194.271	ug/l	100
53) Dibromochloromethane	9.58	129	682137	208.800	ug/l	100
54) 1,2-Dibromoethane	9.68	107	647024	197.168	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	2673766	1013.962	ug/l	100
56) Bromoform	10.86	173	640970	234.935	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	5662915	988.725	ug/l	98
59) 2-Hexanone	9.51	43	4711345	998.416	ug/l	99
61) Tetrachloroethene	9.34	164	574947	185.208	ug/l	97
62) Toluene	8.79	91	2549510	190.175	ug/l	100
64) Chlorobenzene	10.14	112	1679676	194.010	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	628848	199.809	ug/l	99
66) Ethyl Benzene	10.26	91	2918737	199.426	ug/l	98
67) m/p-Xylenes	10.36	106	2273289	398.916	ug/l	96
68) o-Xylene	10.70	106	1118078	203.539	ug/l	98
69) Styrene	10.71	104	1932659	209.232	ug/l	99
70) Isopropylbenzene	11.02	105	2966269	201.659	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	1164951	213.226	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	990683m	199.037	ug/l	
73) Bromobenzene	11.26	156	828951	205.014	ug/l	99
74) n-propylbenzene	11.37	91	3516485	203.181	ug/l	98
75) 2-Chlorotoluene	11.43	91	2140699	202.806	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	2634273	207.560	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	407349	248.918	ug/l	90
78) 4-Chlorotoluene	11.51	91	2554018	208.169	ug/l	99
79) tert-butylbenzene	12.07	119	2836442	210.584	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	2705349	209.017	ug/l	99
81) sec-Butylbenzene	11.95	105	3126828	208.711	ug/l	100
82) p-Isopropyltoluene	12.07	119	2836442	210.584	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	1578952	211.176	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	1598272	210.640	ug/l	99
85) n-Butylbenzene	12.39	91	2717488	222.130	ug/l	98
86) Hexachloroethane	12.60	117	516081	232.609	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	1615469	212.545	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	279349	221.266	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	1262704	222.705	ug/l	100
90) Hexachlorobutadiene	13.79	225	594924	212.540	ug/l	99
91) Naphthalene	13.83	128	3852120	218.501	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	1247163	214.513	ug/l	100

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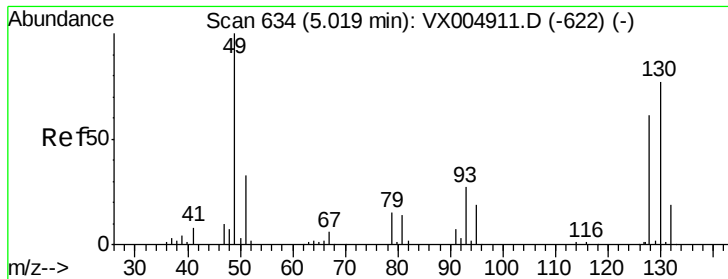
Manual Integrations
APPROVED

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10/3/2018 4:23:26 PM

Quant Time: Oct 03 04:42:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

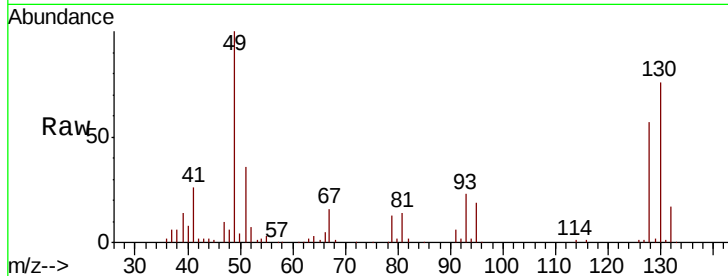
ClientSampleId :

VSTDIC200

Tot Ion:	128	Resp:	44590
Ion	Ratio	Lower	Upper
128	100		
49	183.4	0.0	429.5
130	129.2	0.0	325.8

Manual Integrations
APPROVED

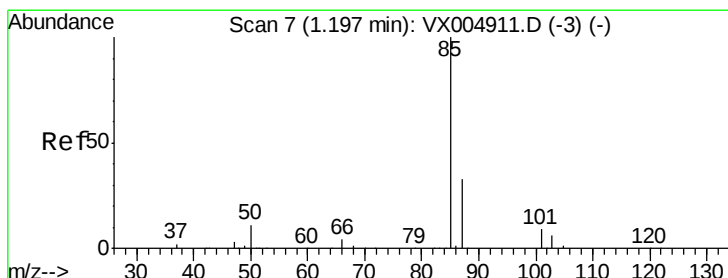
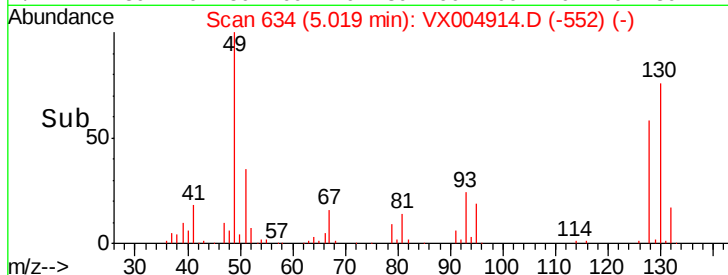
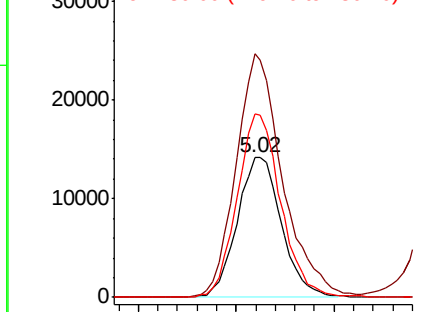
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 214.434 ug/l

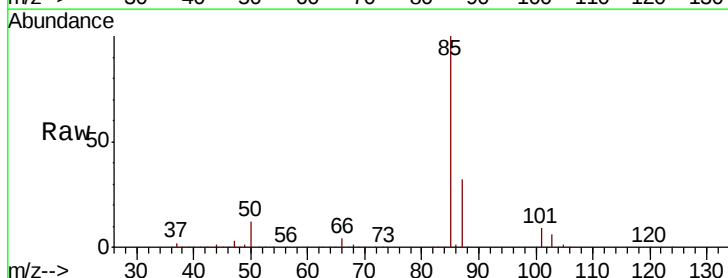
RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004914.D

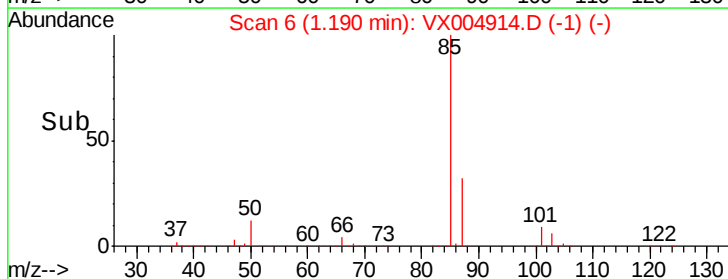
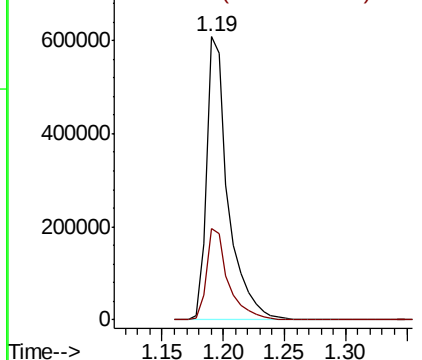
Acq: 02 Oct 2018 11:51

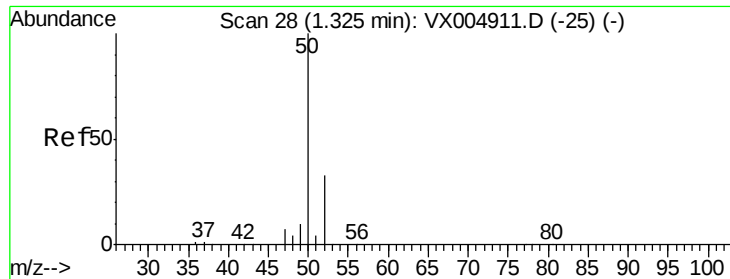
Tgt Ion:	85	Resp:	744440
Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.5	49.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 214.421 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

Tot Ion: 50 Resp: 772339

Ion Ratio Lower Upper

50 100

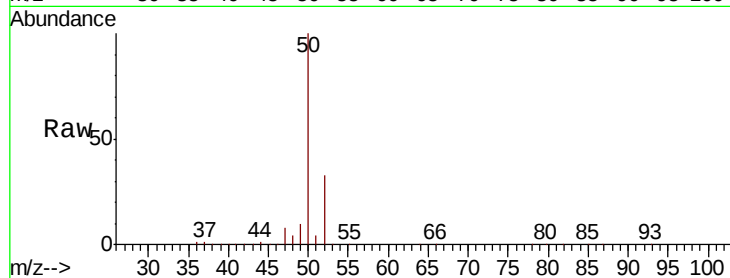
52 32.8 26.1 39.1

Manual Integrations

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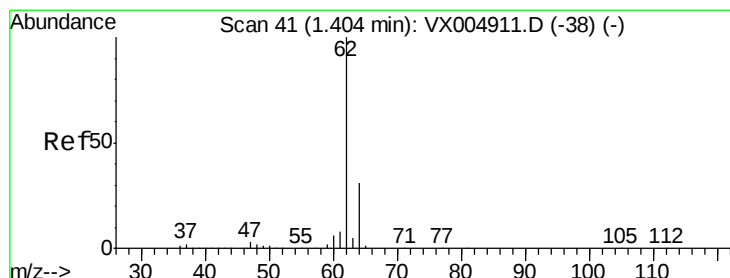
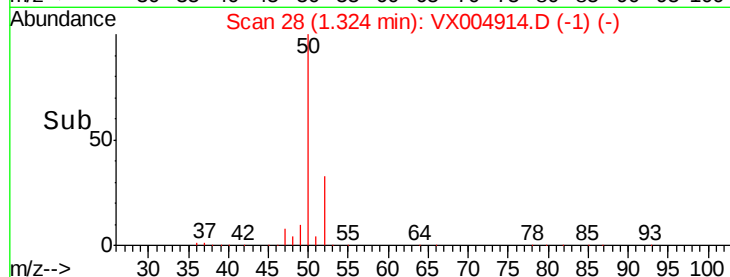
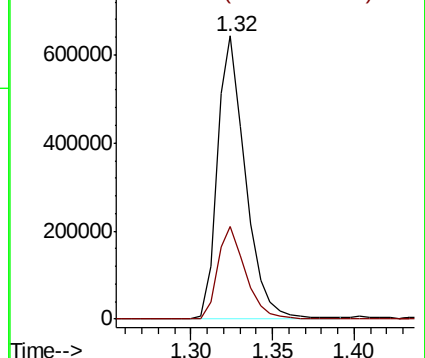
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 207.112 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004914.D

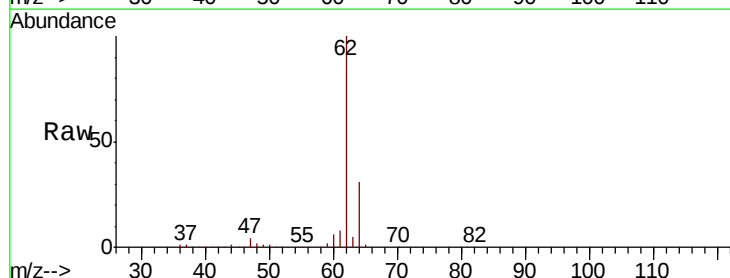
Acq: 02 Oct 2018 11:51

Tgt Ion: 62 Resp: 762640

Ion Ratio Lower Upper

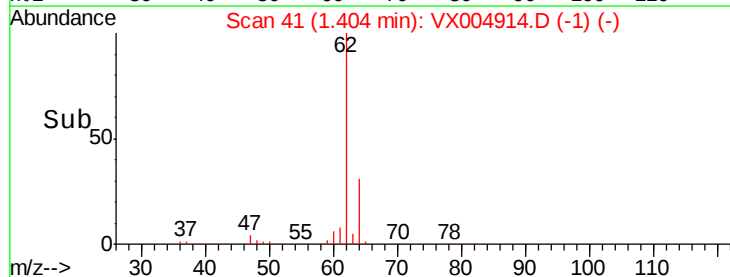
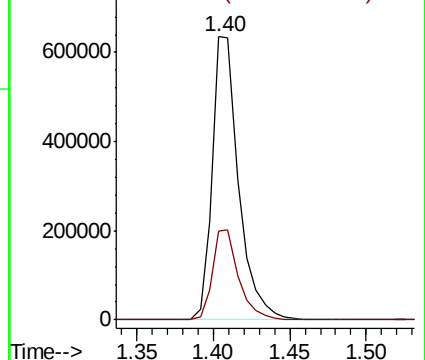
62 100

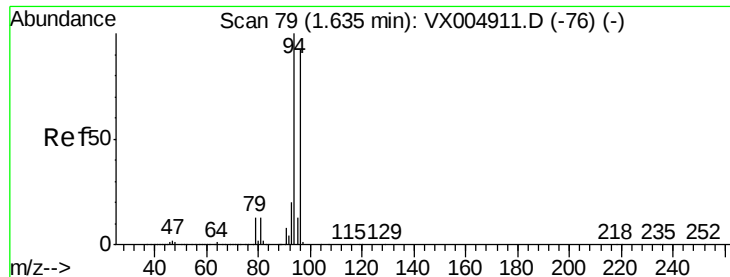
64 31.3 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 220.347 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC200

Tot Ion: 94 Resp: 389349

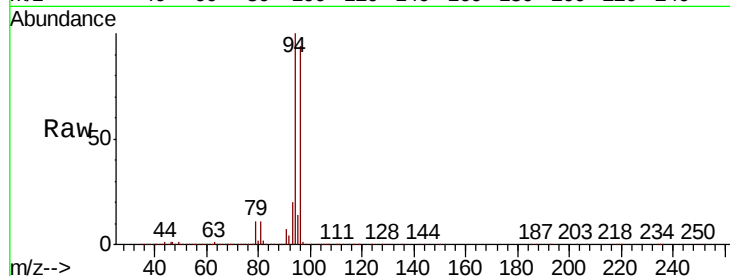
Ion Ratio Lower Upper

94 100

96 94.0 73.8 110.8

Manual Integrations
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

400000

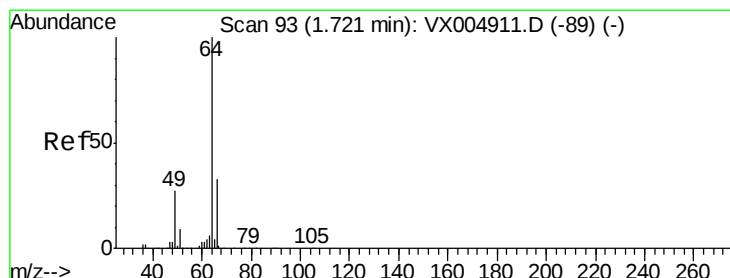
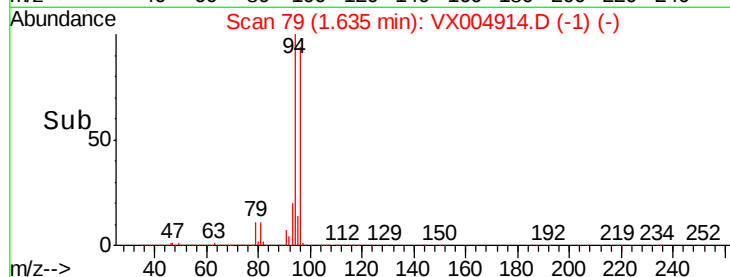
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 179.954 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX004914.D

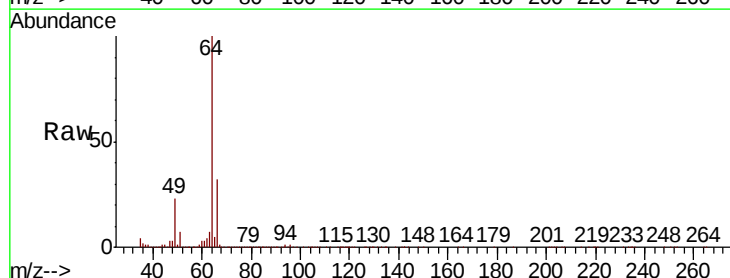
Acq: 02 Oct 2018 11:51

Tgt Ion: 64 Resp: 380434

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.70

400000

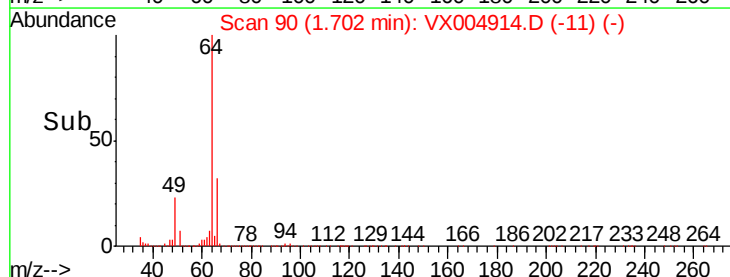
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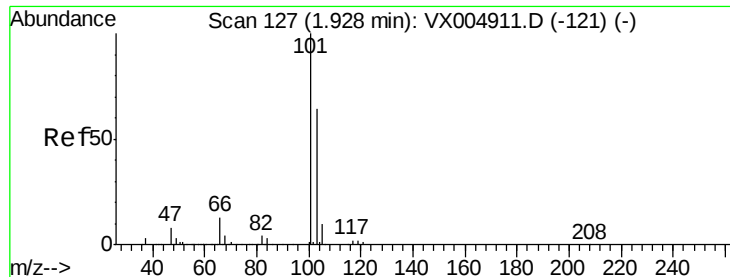
200000

100000

0

Time-->





#7

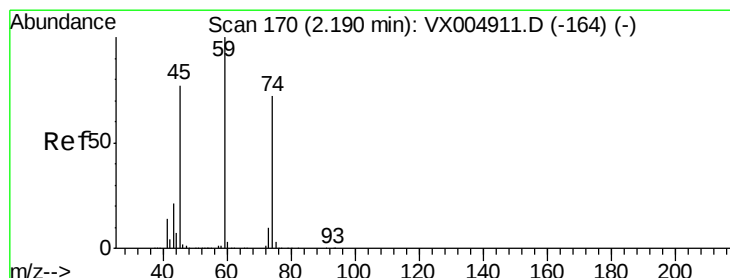
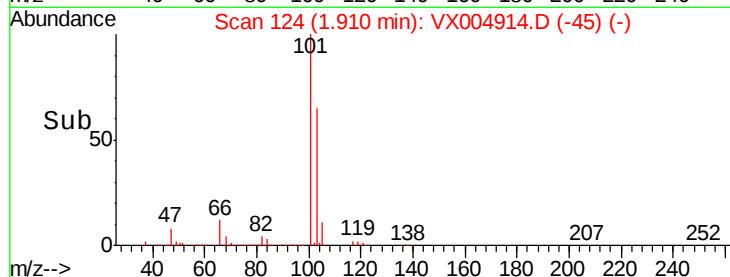
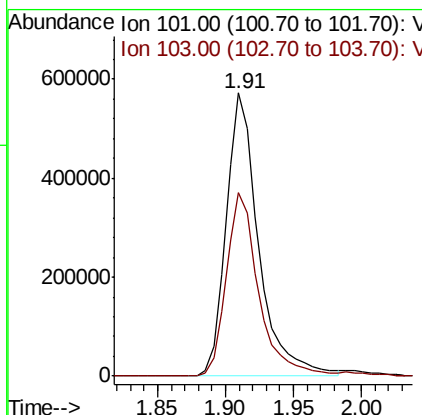
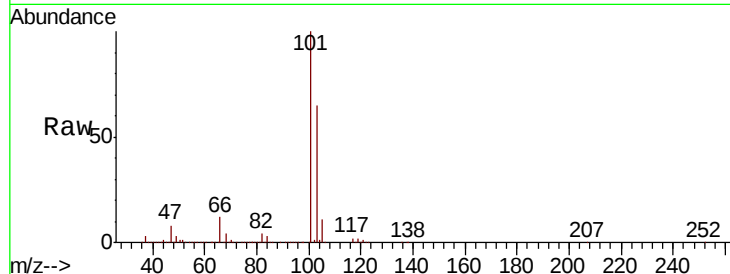
Trichlorofluoromethane
Concen: 202.032 ug/l
RT: 1.91 min Scan# 124
Delta R.T. -0.02 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
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VSTDIC200

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		947653		
103	65.0	51.1	76.7		

Manual Integrations
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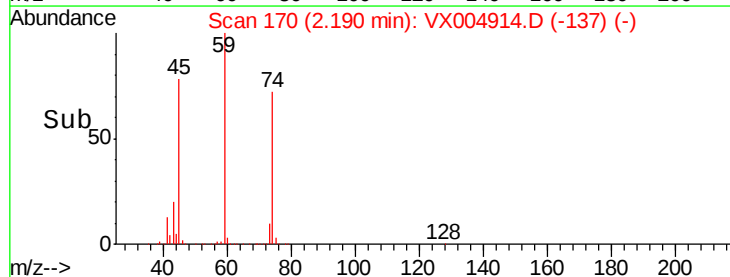
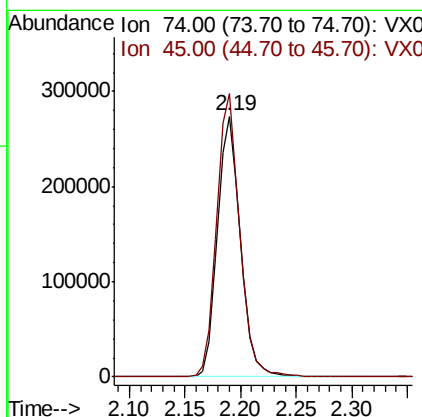
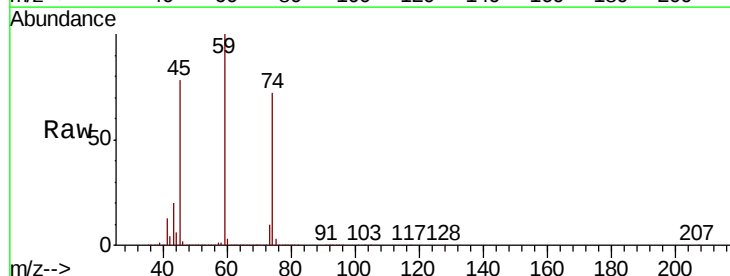
MMDadoda
10/3/2018 4:23:26 PM

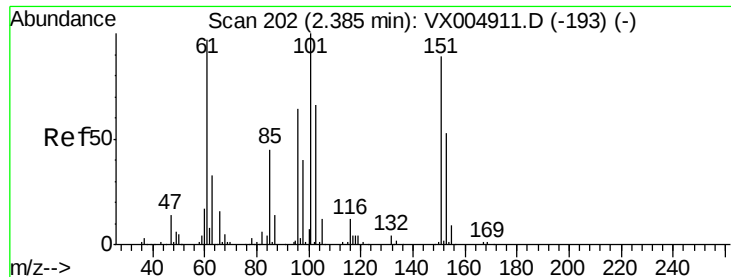


#8

Diethyl Ether
Concen: 204.282 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		390620		
45	109.1	21.6	194.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 199.411 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.02 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

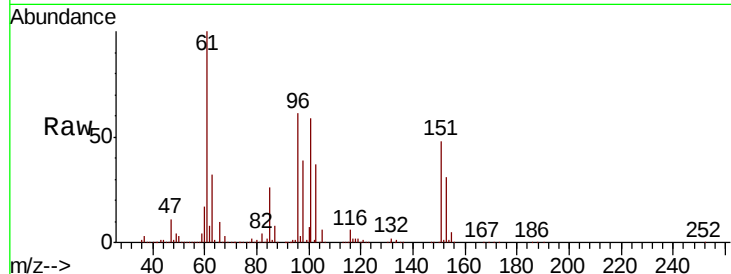
ClientSampleId :

VSTDIC200

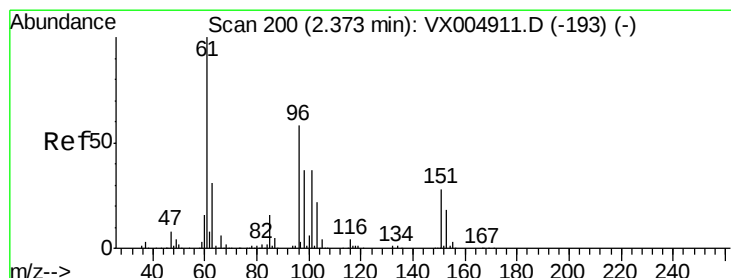
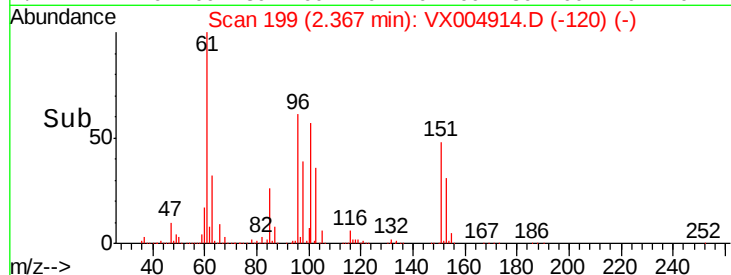
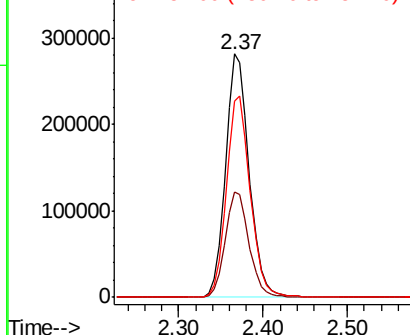
Tot Ion:	101	Resp:	537168
Ion Ratio	Lower	Upper	
101	100		
85	43.6	0.0	88.0
151	83.5	0.0	164.8

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Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VX0
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 204.892 ug/l

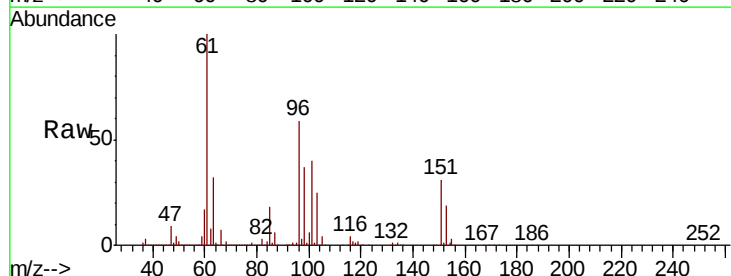
RT: 2.36 min Scan# 198

Delta R.T. -0.01 min

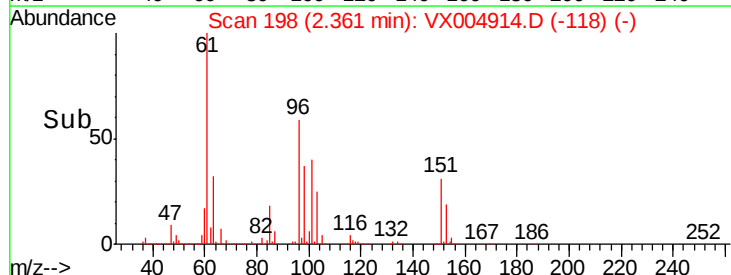
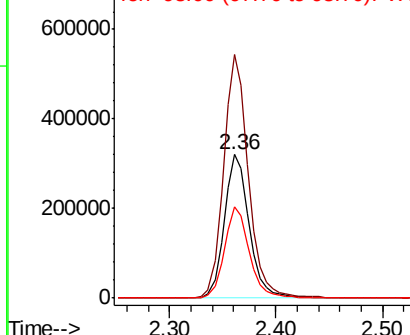
Lab File: VX004914.D

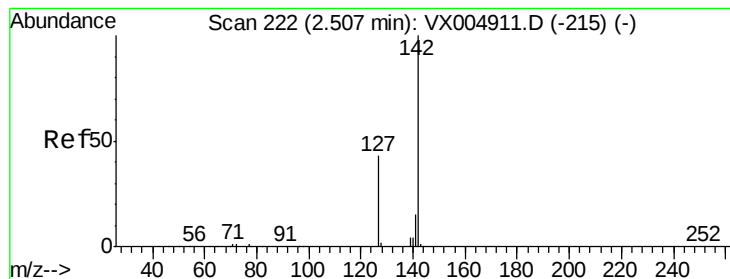
Acq: 02 Oct 2018 11:51

Tgt Ion:	96	Resp:	522784
Ion Ratio	Lower	Upper	
96	100		
61	170.2	137.9	206.9
98	63.6	51.0	76.4



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 297.835 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

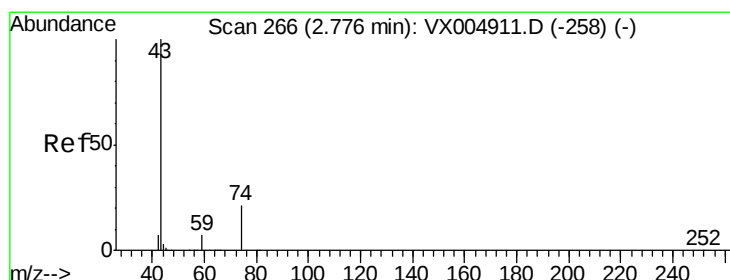
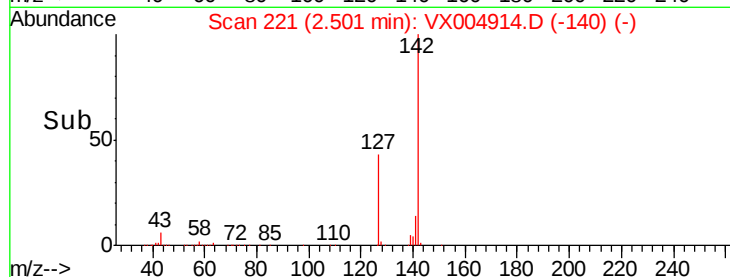
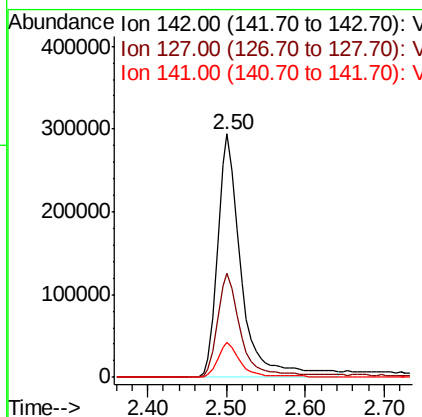
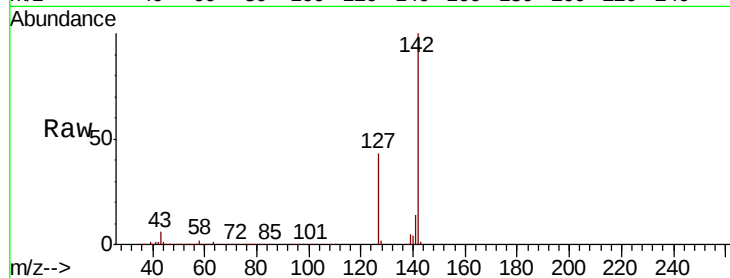
ClientSampleId :

VSTDIC200

Tot Ion:	142	Resp:	618728
Ion Ratio	Lower	Upper	
142	100		
127	42.6	21.6	64.8
141	14.4	7.5	22.6

Manual Integrations
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#12

Methyl Acetate

Concen: 199.279 ug/l

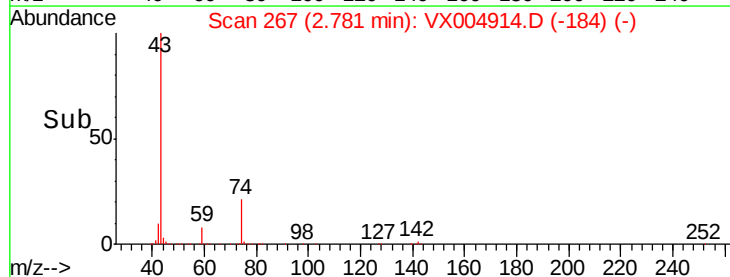
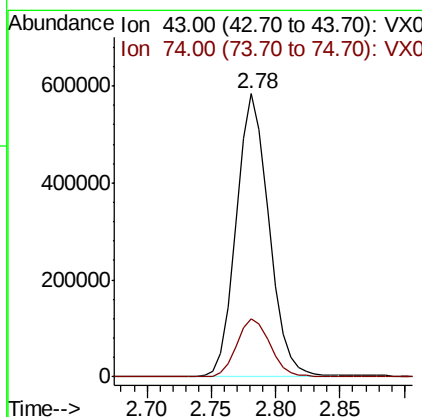
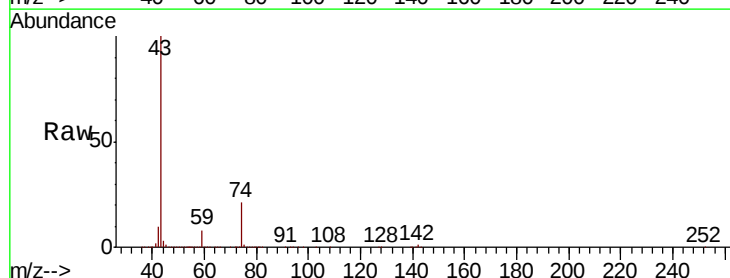
RT: 2.78 min Scan# 267

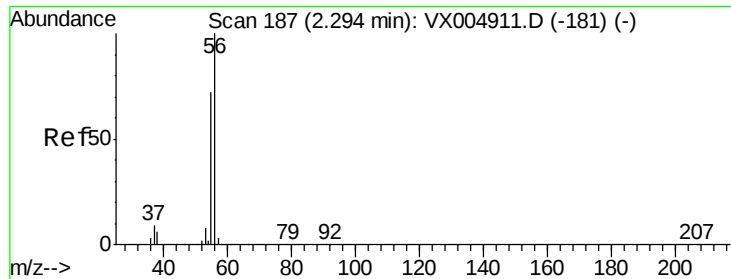
Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Tgt Ion:	43	Resp:	1025297
Ion Ratio	Lower	Upper	
43	100		
74	20.7	17.0	25.6





#13

Acrolein

Concen: 1002.438 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC200

Tot Ion: 56 Resp: 476523

Ion Ratio Lower Upper

56 100

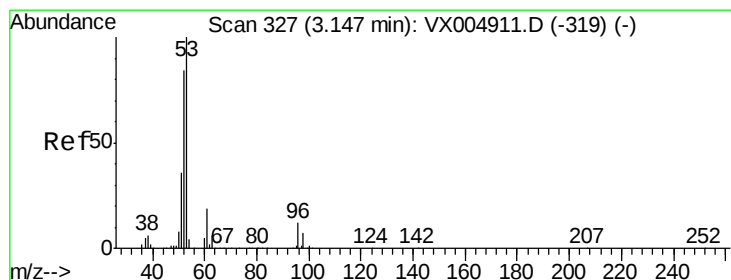
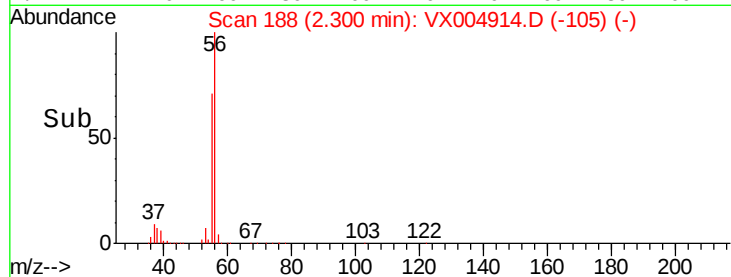
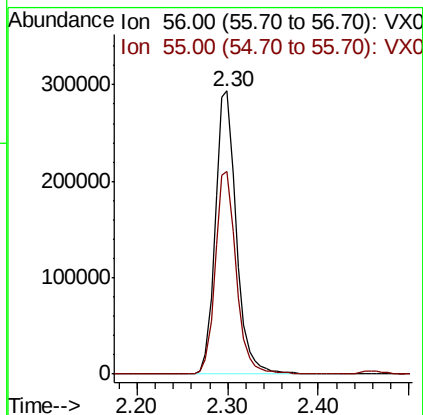
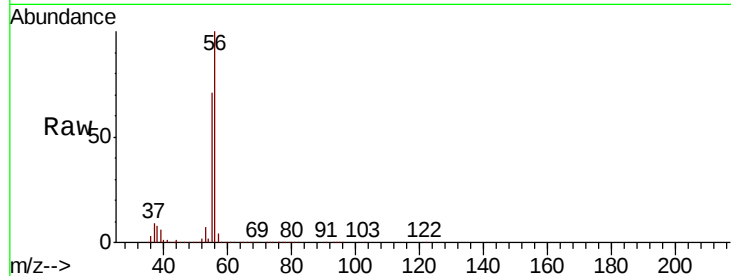
55 71.5 57.9 86.9

Manual Integrations

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#14

Acrylonitrile

Concen: 993.774 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

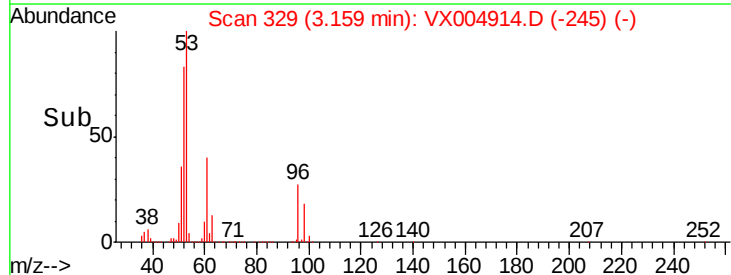
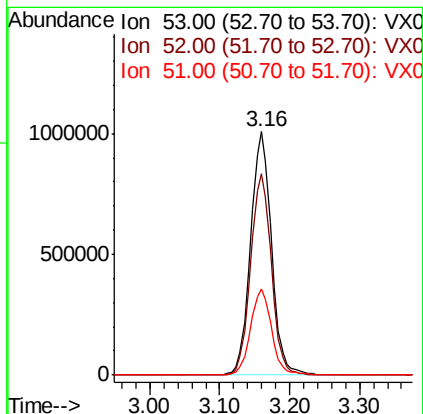
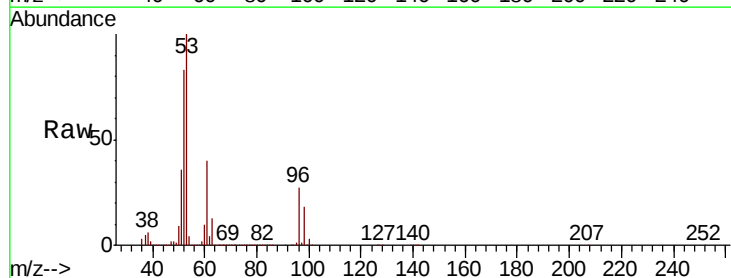
Tgt Ion: 53 Resp: 2089447

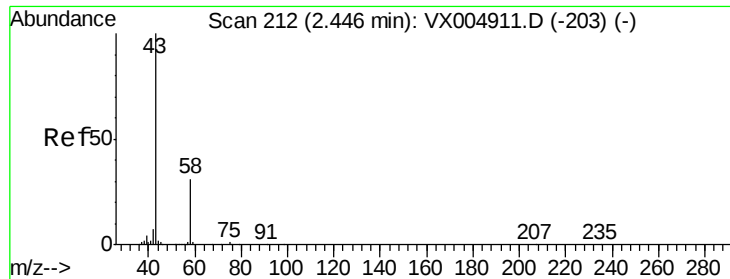
Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.6

51 36.0 18.0 54.0





#15

Acetone

Concen: 849.946 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

Tot Ion: 58 Resp: 597364

Ion Ratio Lower Upper

58 100

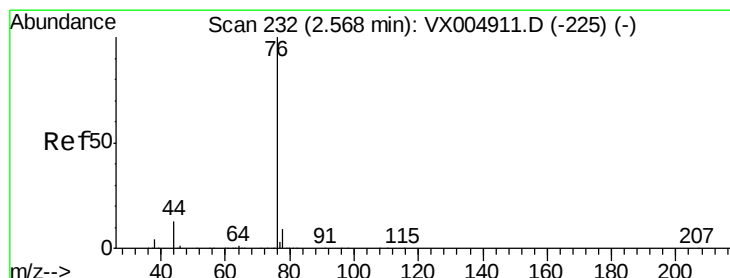
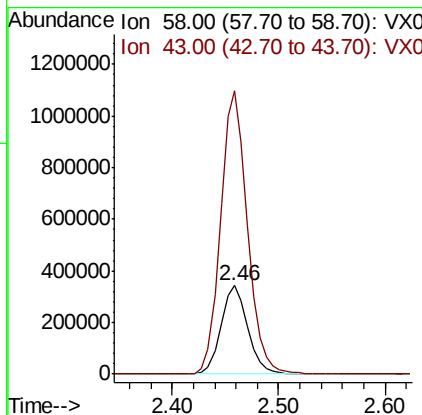
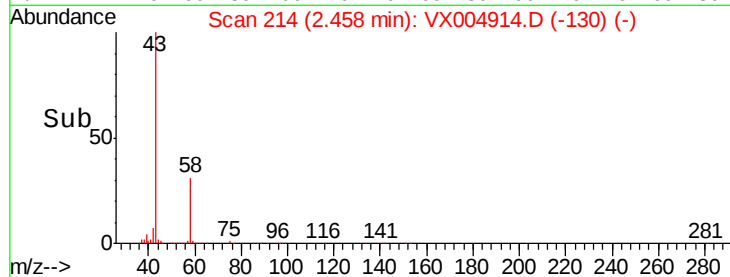
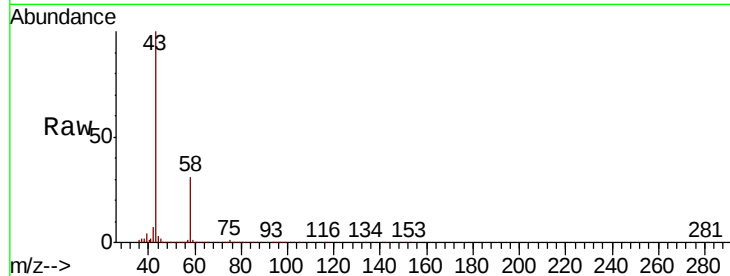
43 321.0 258.6 388.0

Manual Integrations

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#16

Carbon Disulfide

Concen: 211.563 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX004914.D

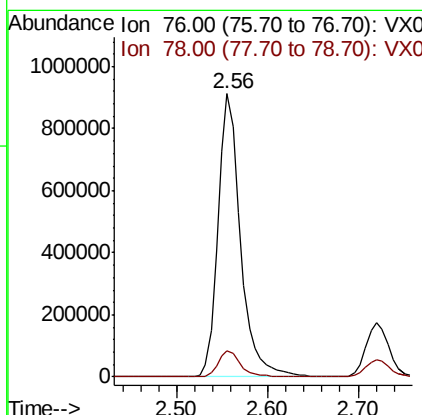
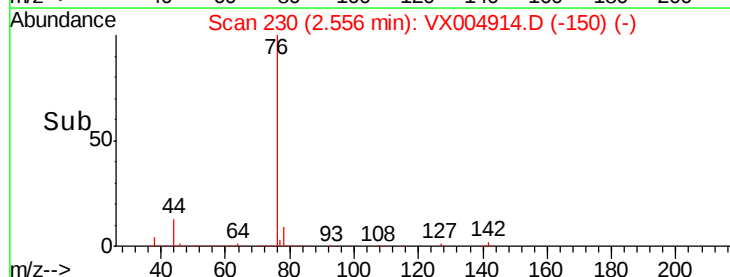
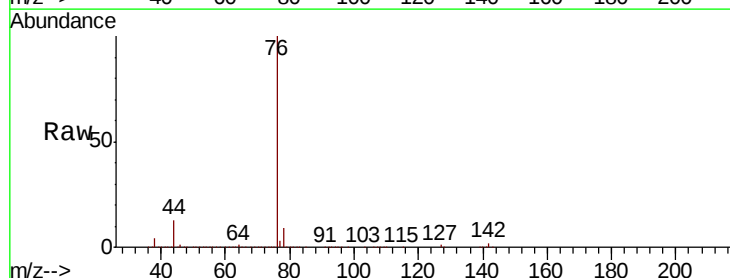
Acq: 02 Oct 2018 11:51

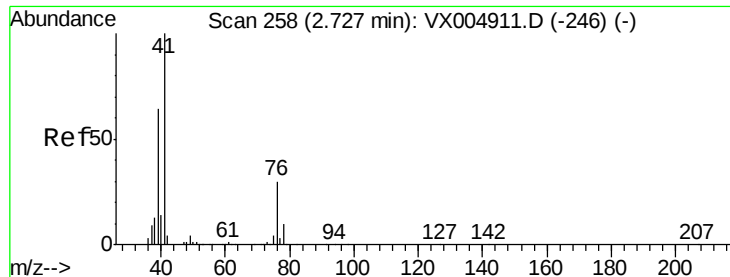
Tgt Ion: 76 Resp: 1583235

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7





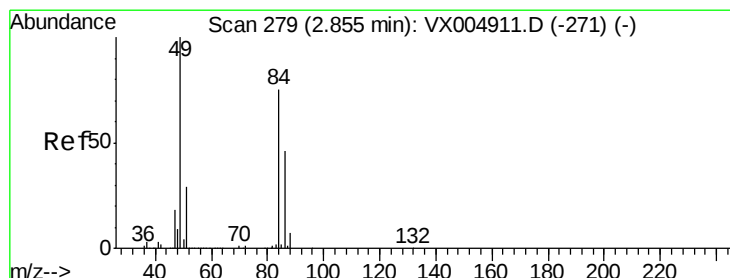
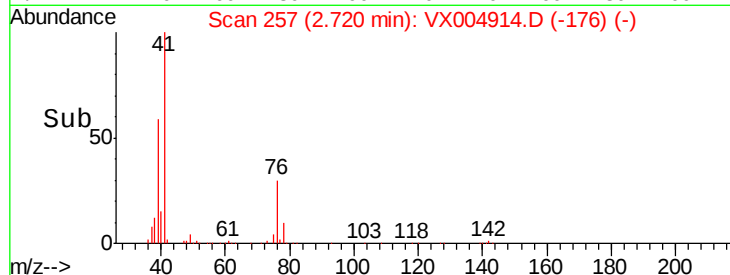
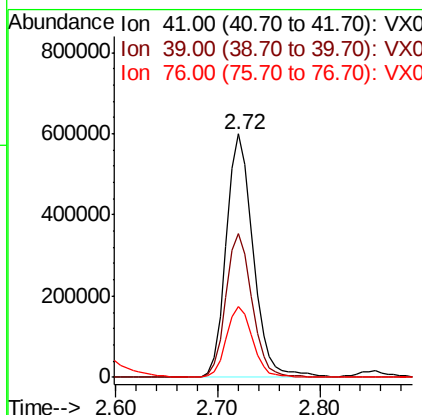
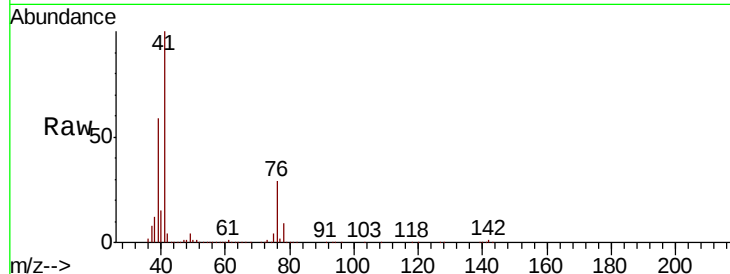
#17
Allvl chloride
Concen: 193.051 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.0	31.8	95.4
76	29.0	15.3	45.8

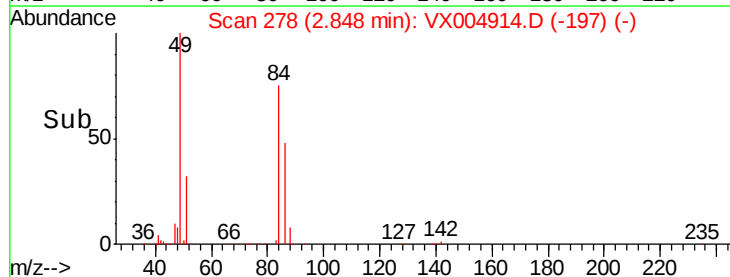
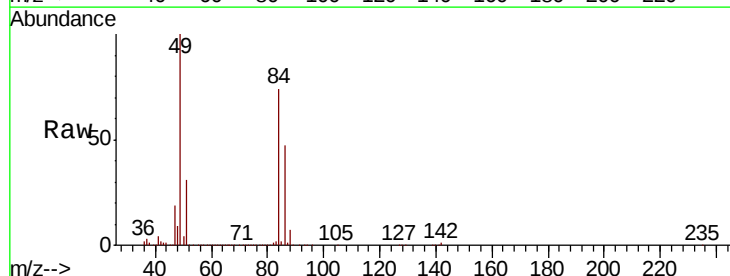
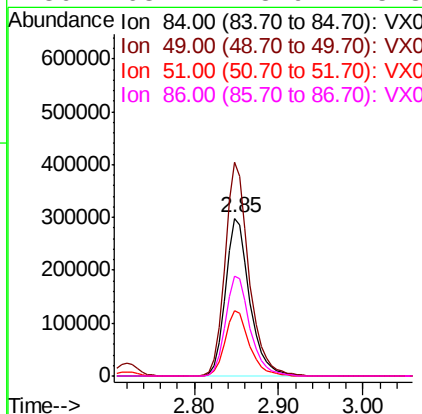
Manual Integrations
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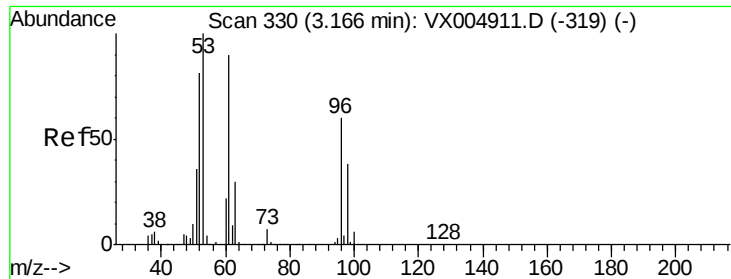
MMDadoda
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#18
Methylene Chloride
Concen: 197.260 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.5	106.2	159.4
51	41.7	31.3	46.9
86	63.7	48.9	73.3





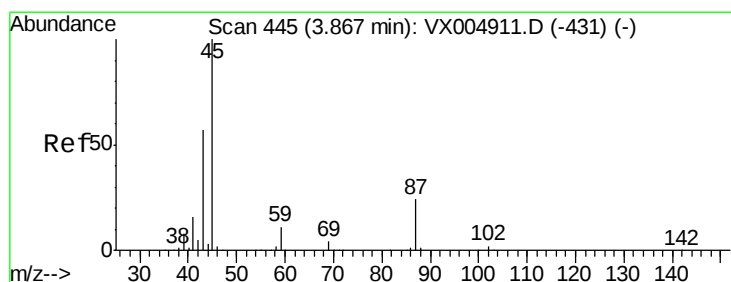
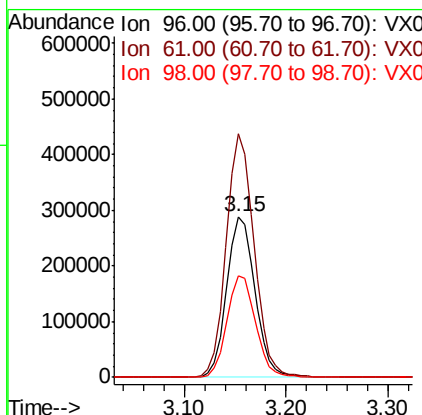
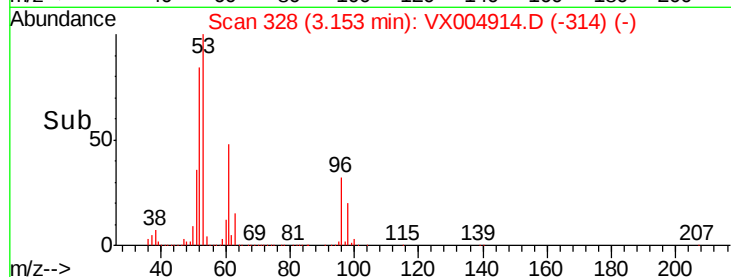
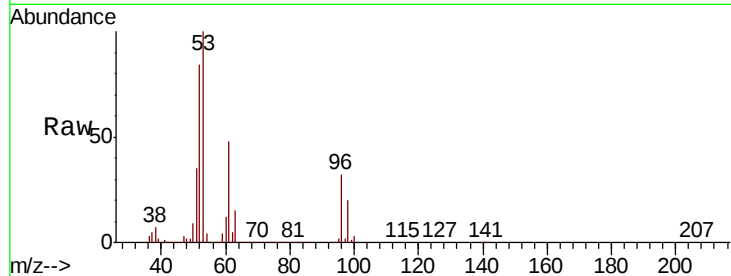
#19
trans-1,2-Dichloroethene
Concen: 203.038 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.3	119.5	179.3
98	62.9	50.6	75.8

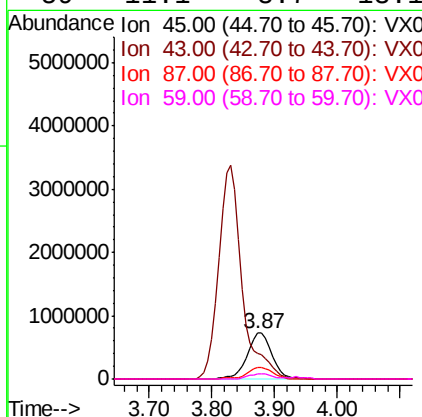
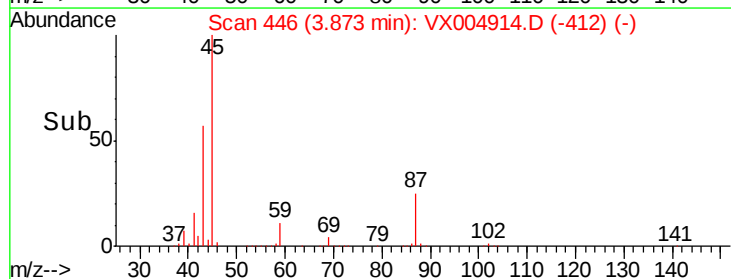
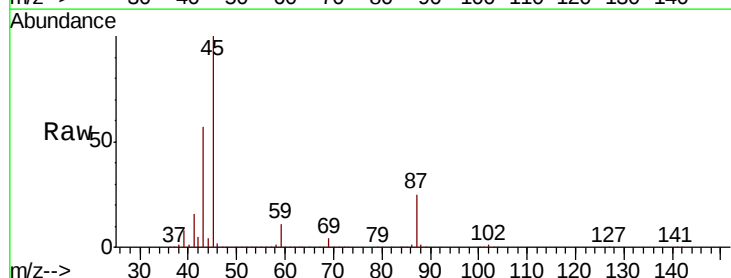
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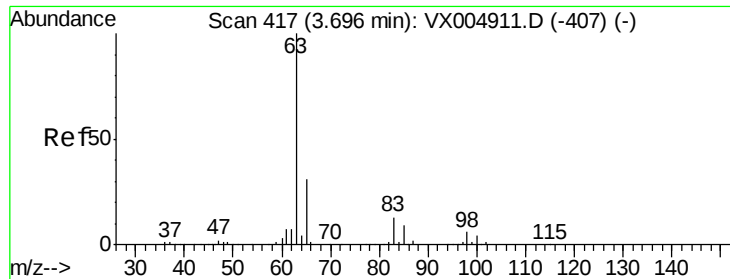
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#20
Diisopropyl ether
Concen: 203.425 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.4	49.8	74.8
87	25.1	19.1	28.7
59	11.1	8.7	13.1





#21

1,1-Dichloroethane

Concen: 196.728 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

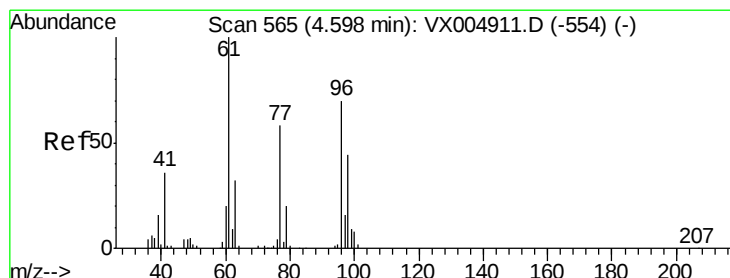
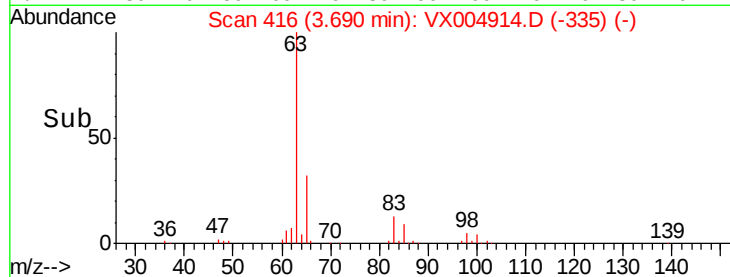
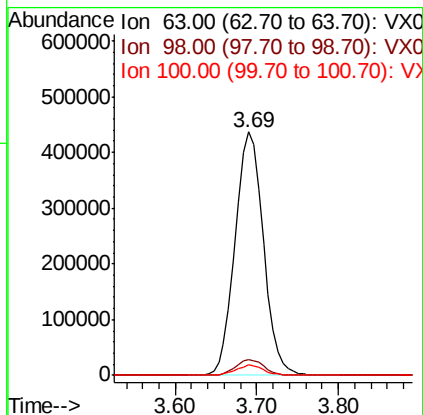
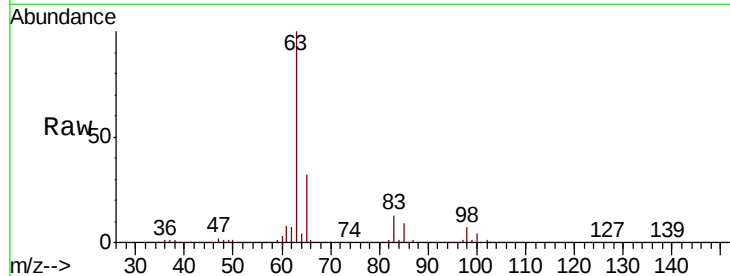
ClientSampleId :

VSTDIC200

Tot Ion:	63	Resp:	1048567
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.2	9.6
100	4.2	2.1	6.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 204.884 ug/l

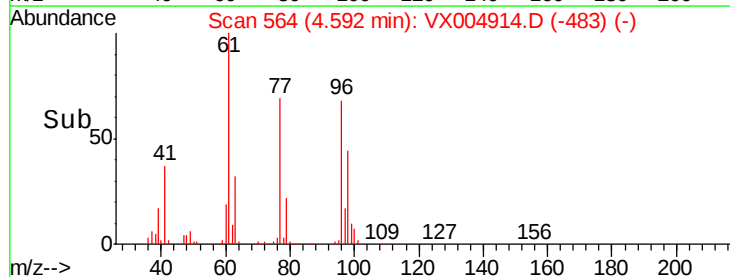
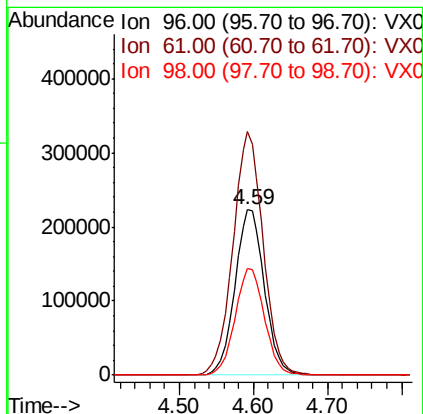
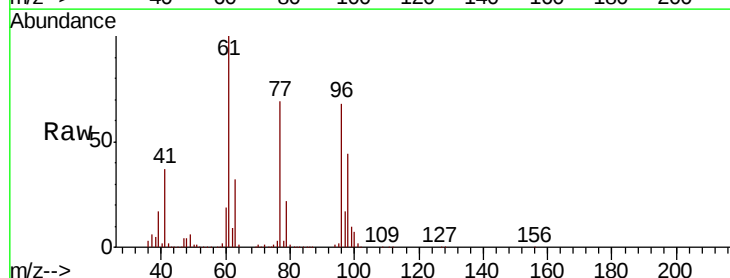
RT: 4.59 min Scan# 564

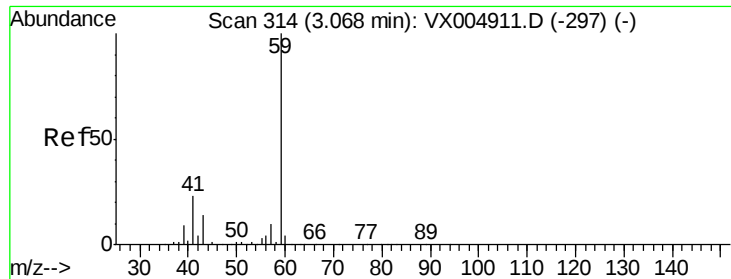
Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Tgt Ion:	96	Resp:	617905
Ion	Ratio	Lower	Upper
96	100		
61	151.0	123.3	184.9
98	64.5	51.4	77.0





#23

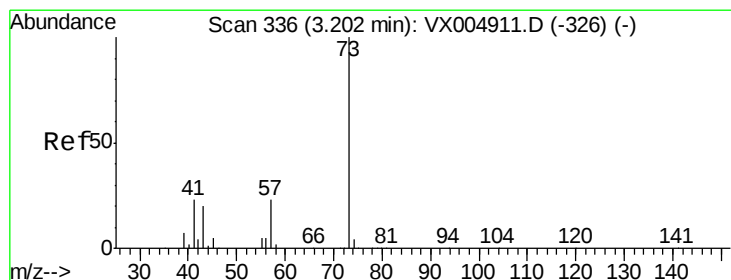
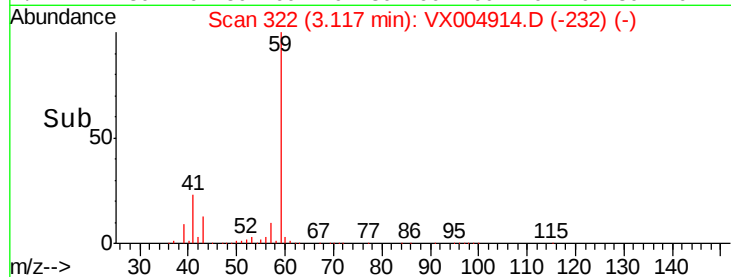
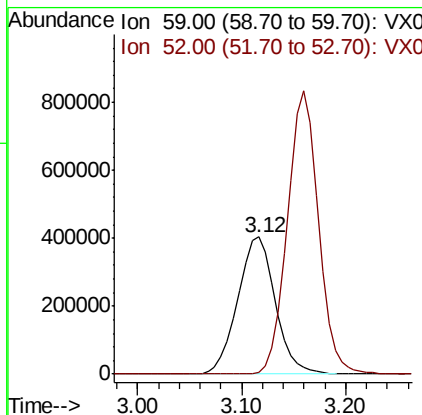
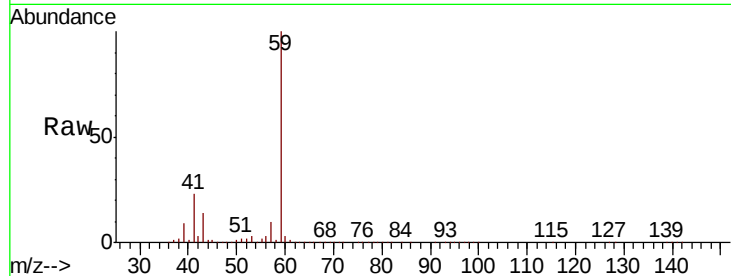
tert-Butyl Alcohol
 Concen: 1037.642 ug/l m
 RT: 3.12 min Scan# 322
 Delta R.T. 0.05 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

Tot Ion: 59 Resp: 1007243
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#

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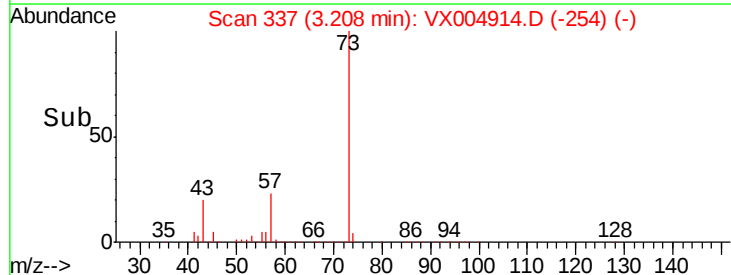
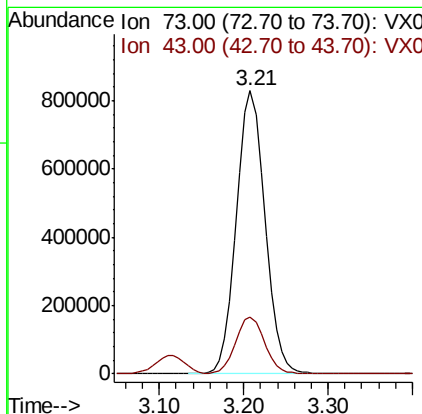
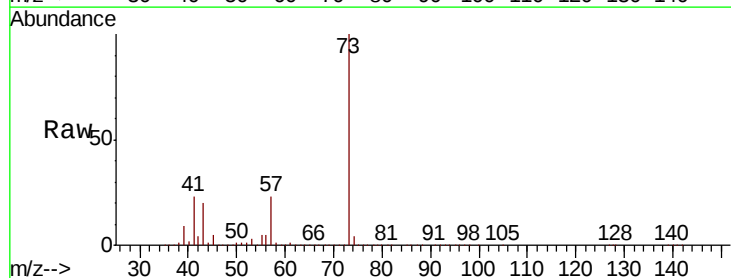
MMDadoda
 10/3/2018 4:23:26 PM

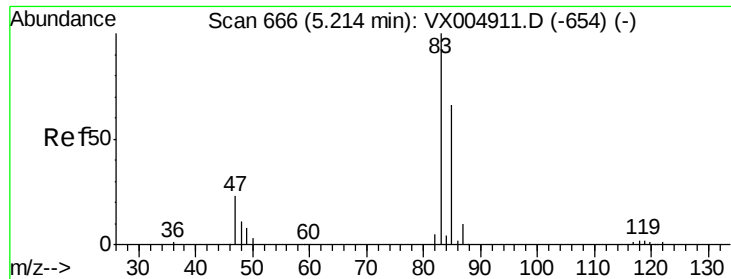


#24

Methyl tert-Butyl Ether
 Concen: 202.781 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion: 73 Resp: 1901374
 Ion Ratio Lower Upper
 73 100
 43 20.2 16.3 24.5





#25

Chloroform

Concen: 201.363 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

Tot Ion: 83 Resp: 1010110

Ion Ratio Lower Upper

83 100

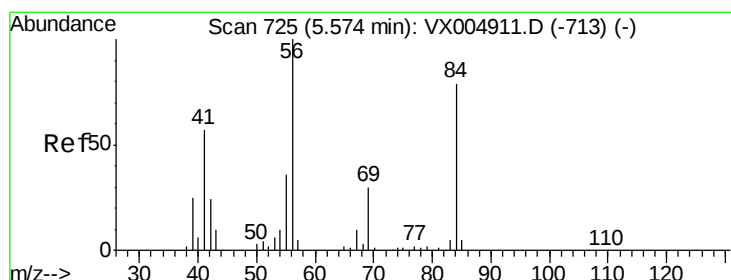
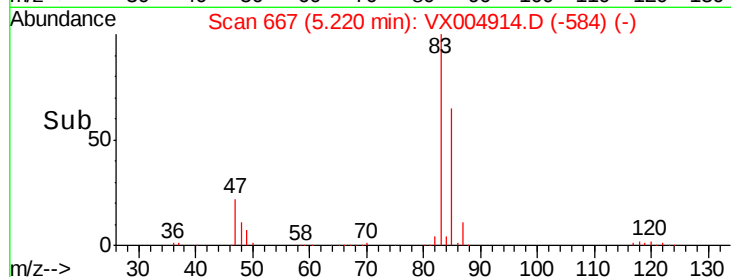
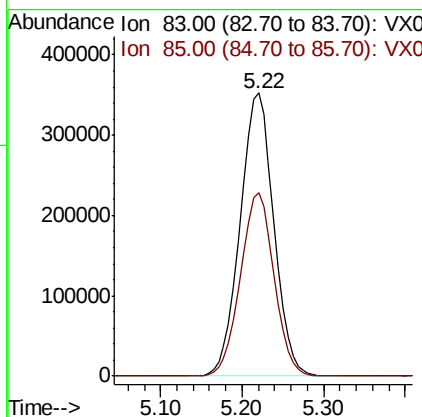
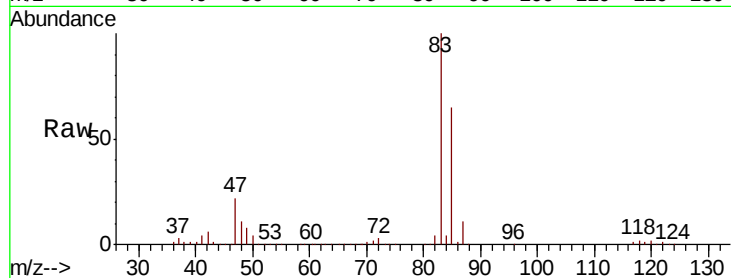
85 64.8 53.1 79.7

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#26

Cyclohexane

Concen: 210.618 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

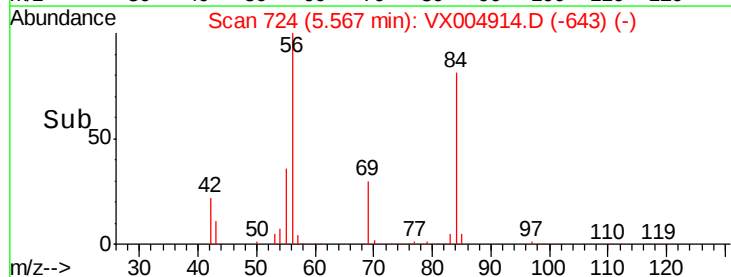
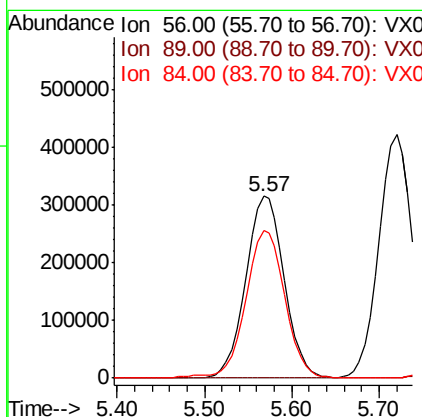
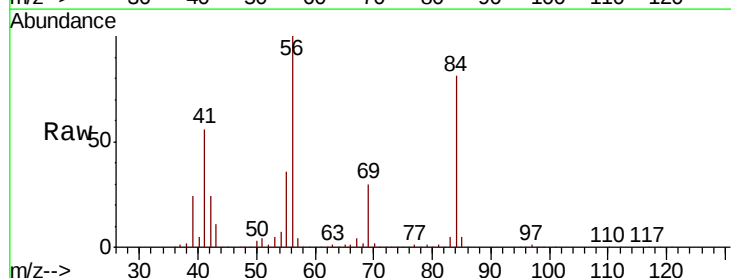
Tgt Ion: 56 Resp: 963416

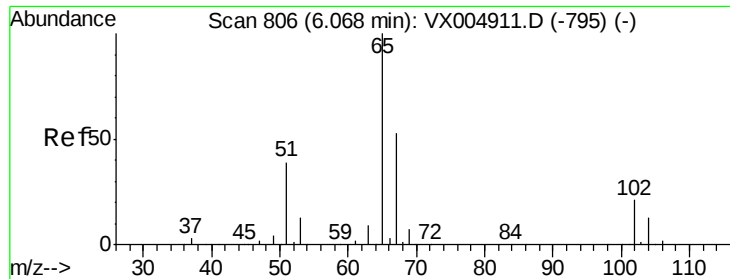
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 81.7 65.8 98.6





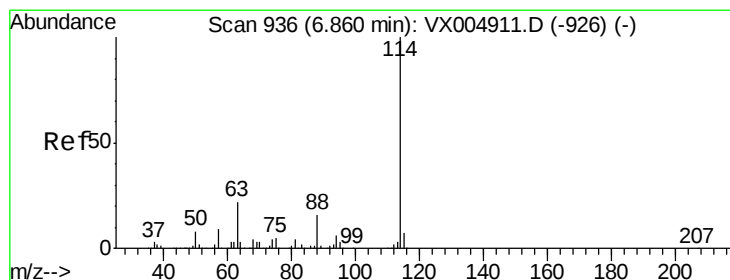
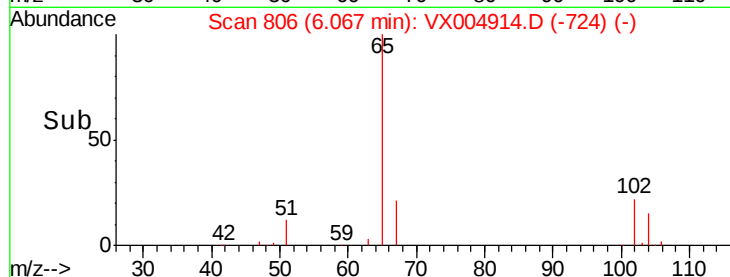
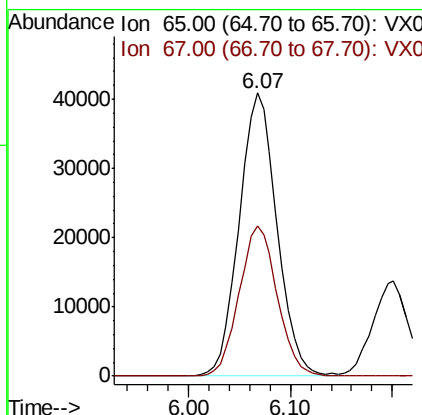
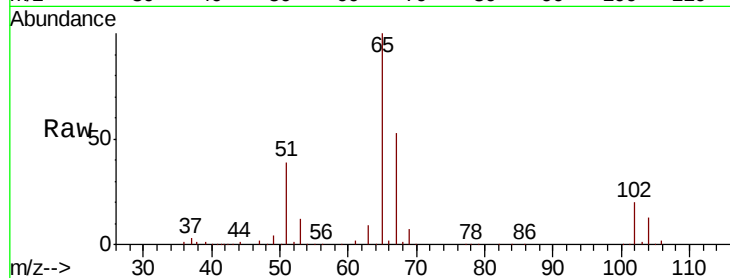
#27
 1,2-Dichloroethane-d4
 Concen: 31.052 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC200

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	43.0	64.6

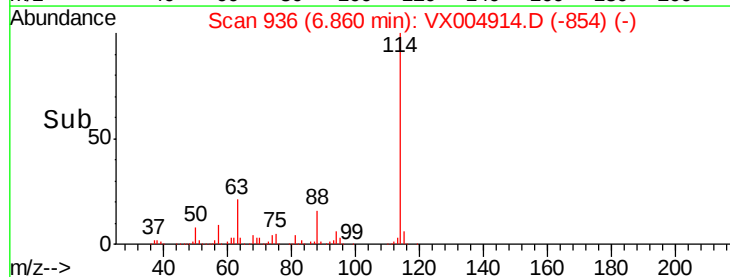
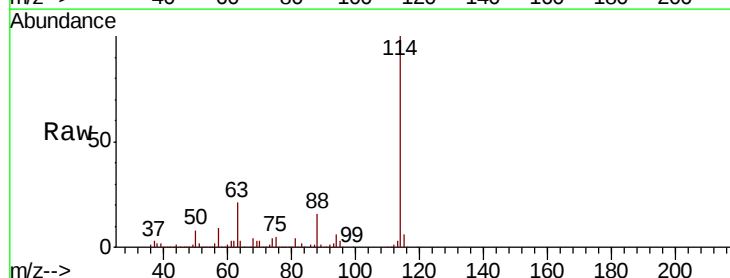
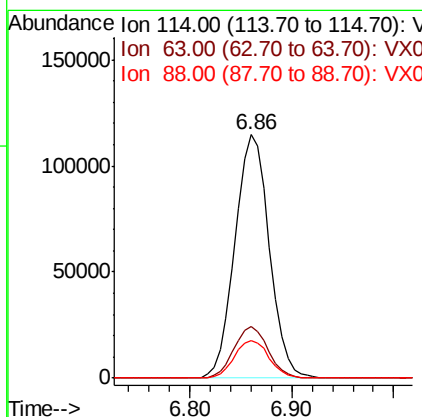
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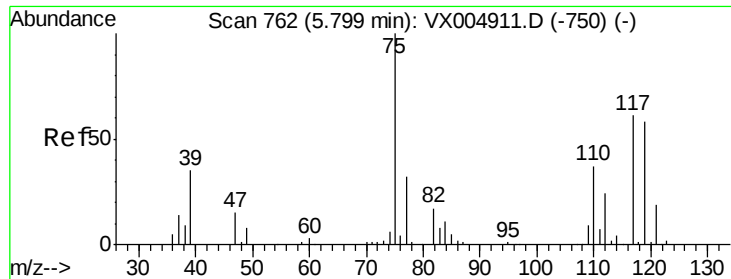
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	16.6	24.8
88	15.7	12.4	18.6





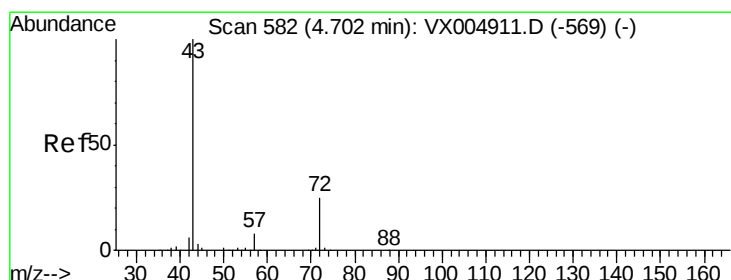
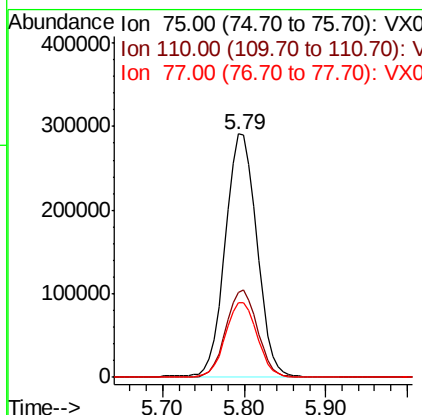
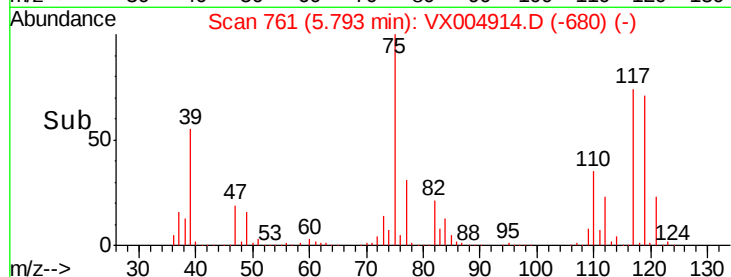
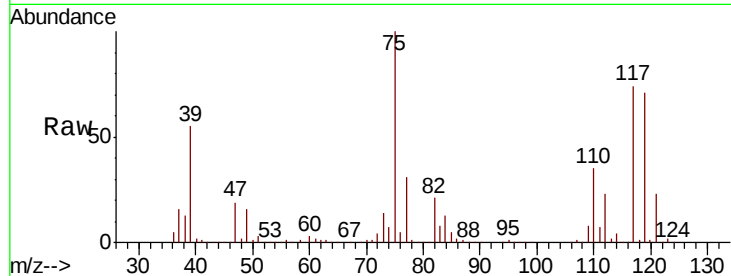
#29
 1,1-Dichloropropene
 Concen: 196.520 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.8	0.0	70.8
77	30.8	0.0	63.0

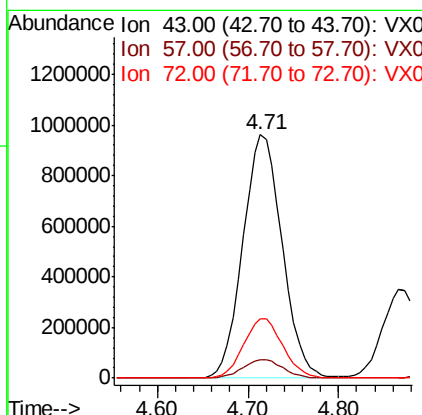
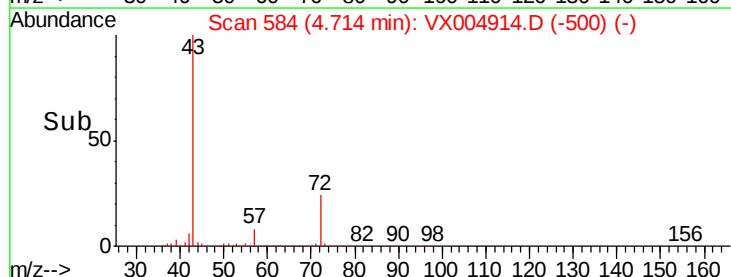
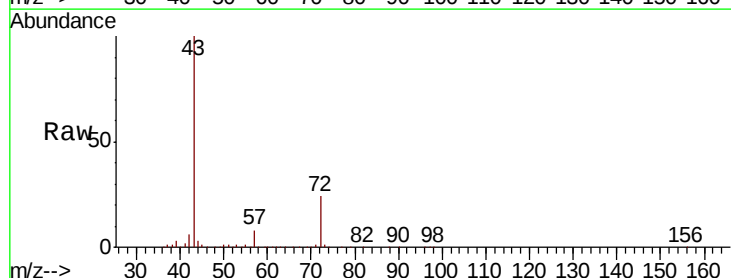
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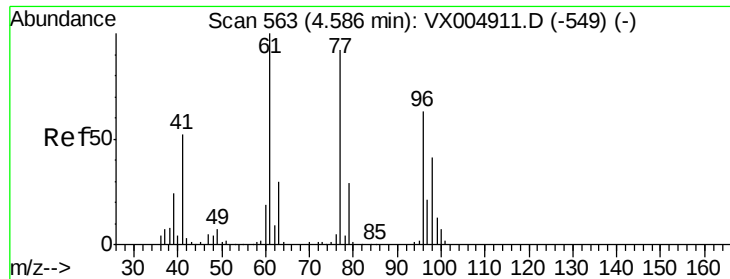
MMDadoda
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#30
 2-Butanone
 Concen: 892.631 ug/l
 RT: 4.71 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.8	6.2	9.4
72	24.4	19.7	29.5





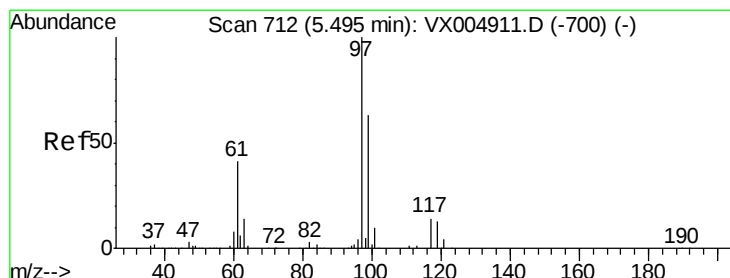
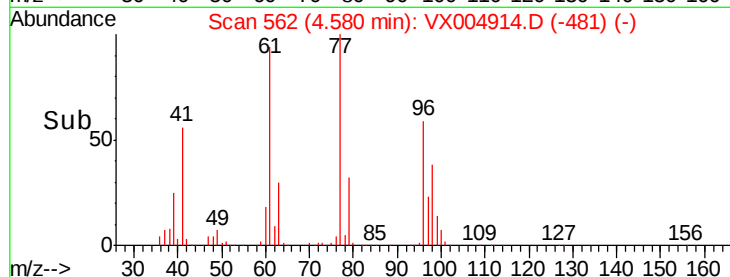
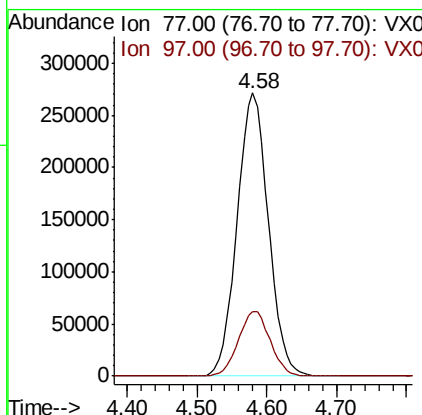
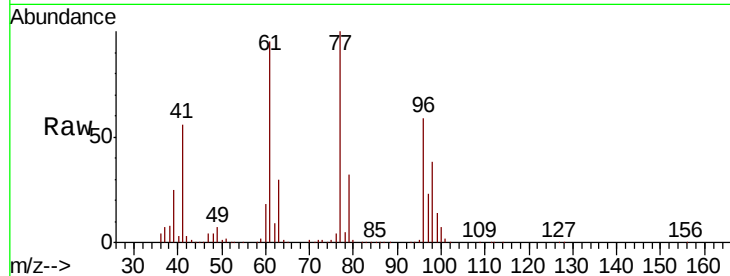
#31
 2,2-Dichloropropane
 Concen: 193.404 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

Tot Ion	Ratio	Lower	Upper
77	100		
97	23.3	18.5	27.7

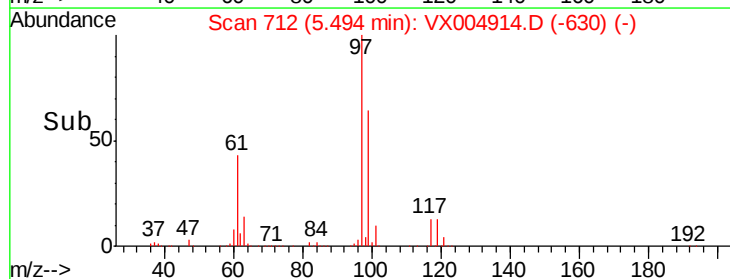
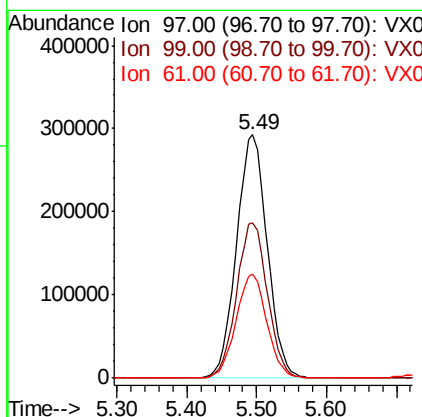
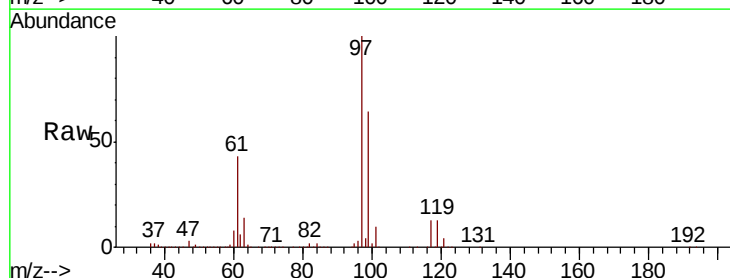
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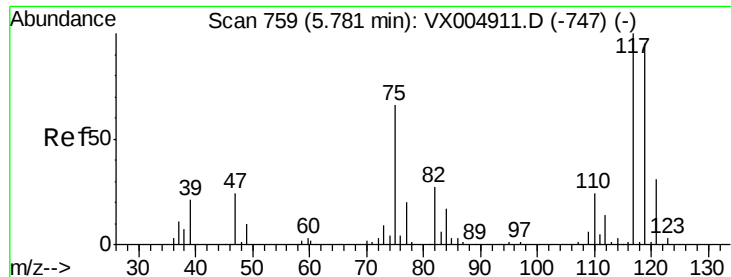
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 195.480 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.6
61	43.0	35.8	53.6





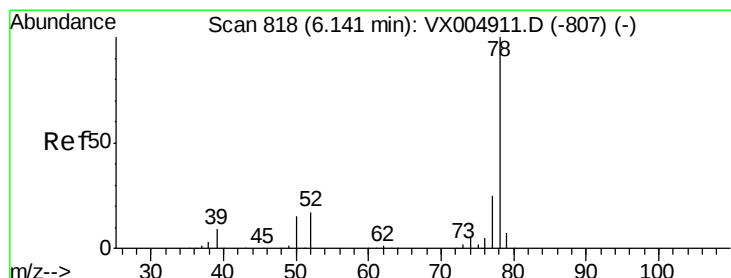
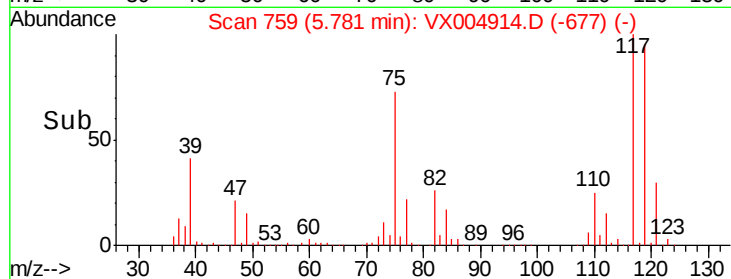
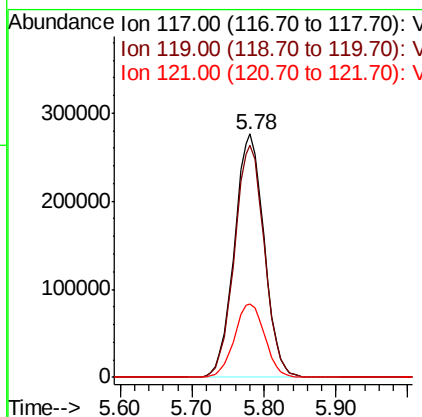
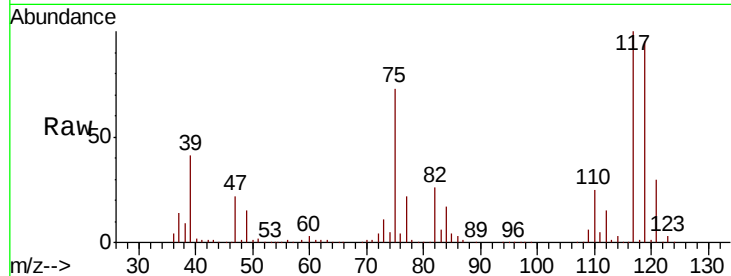
#33
Carbon Tetrachloride
Concen: 197.759 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.4
121	30.3	25.2	37.8

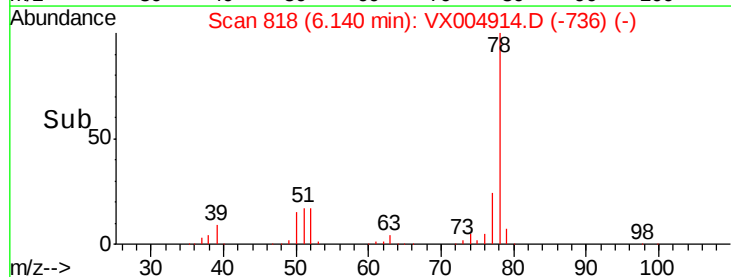
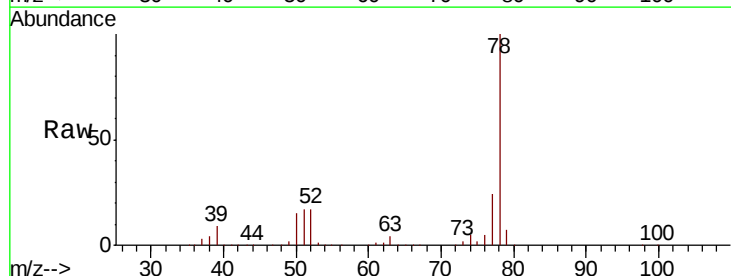
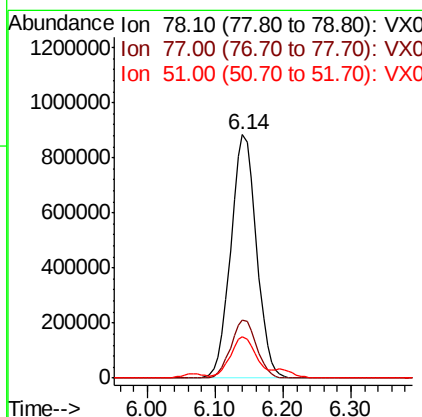
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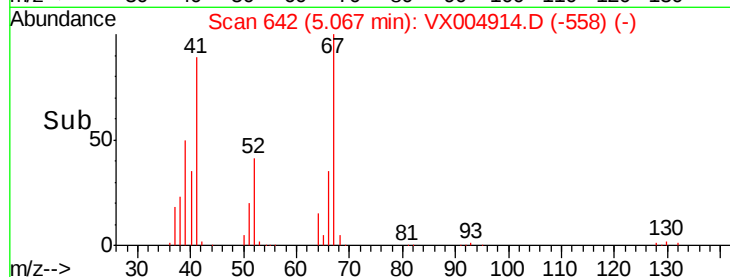
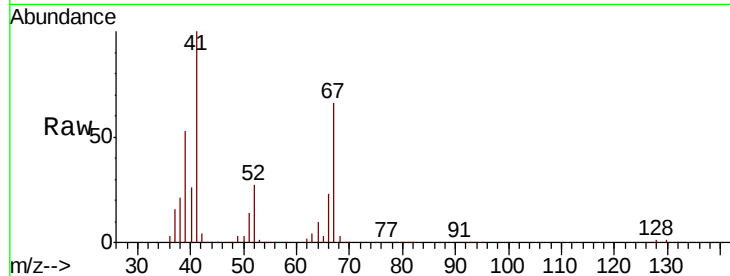
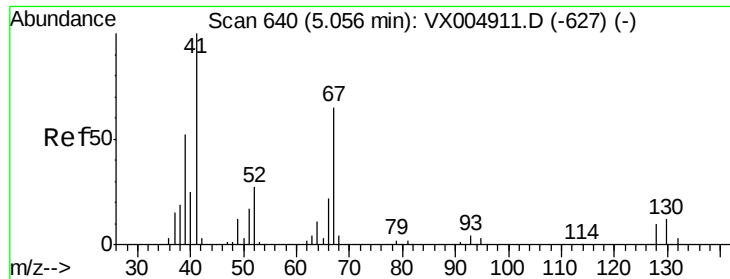
MMDadoda
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#34
Benzene
Concen: 191.873 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

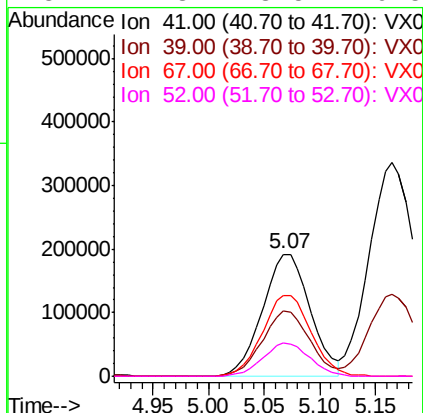
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.8	29.8
51	17.1	13.8	20.6





#35
Methacrylonitrile
Concen: 190.911 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

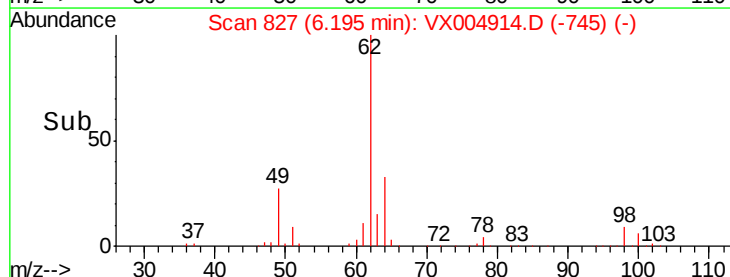
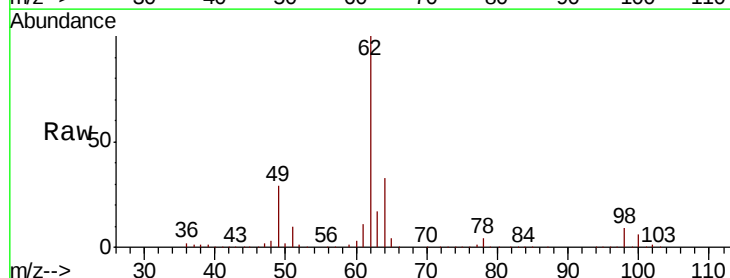
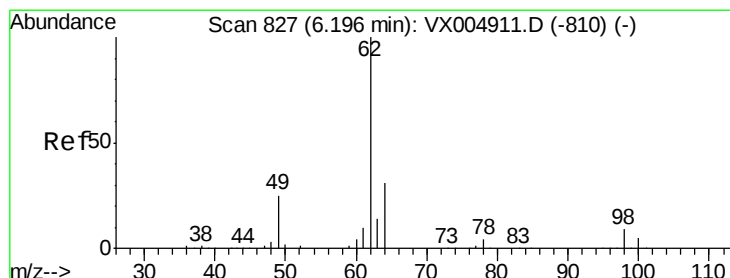
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.9	26.1	78.3	
67	66.5	32.3	96.9	
52	27.3	13.5	40.5	



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

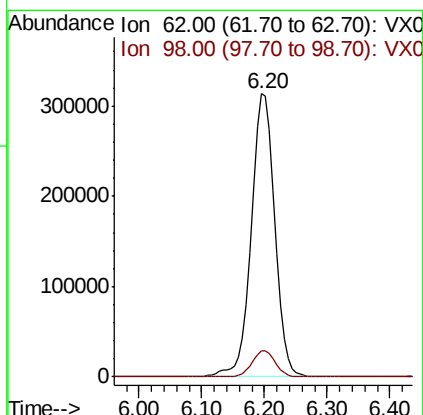
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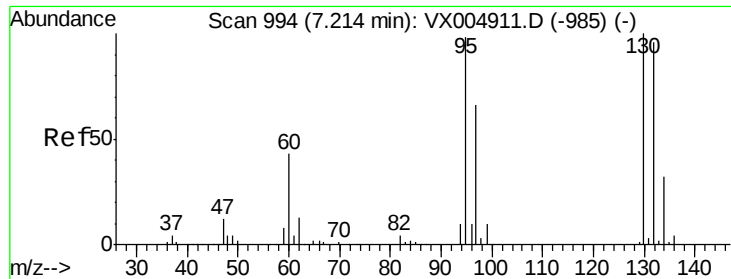
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#36
1,2-Dichloroethane
Concen: 187.832 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	7.5	11.3	





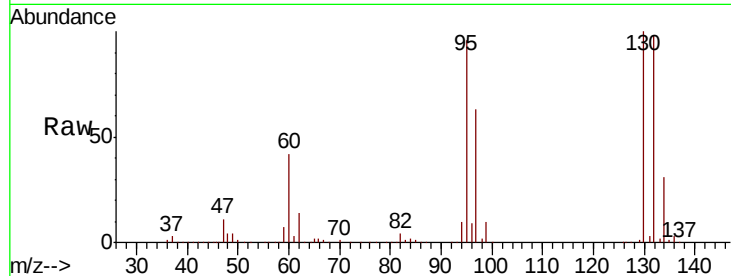
#37
 Trichloroethene
 Concen: 193.732 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

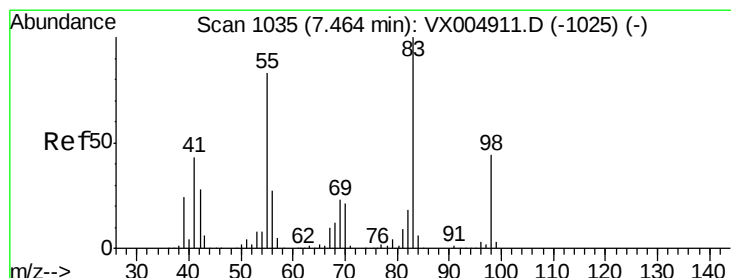
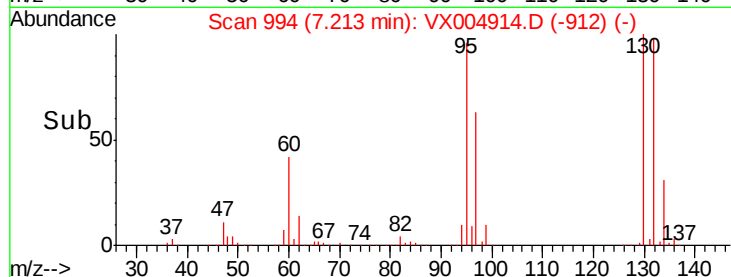
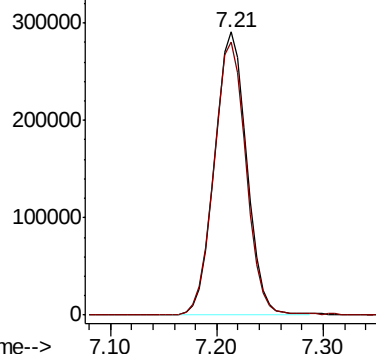
Tot Ion:130 Resp: 614596
 Ion Ratio Lower Upper
 130 100
 95 96.3 78.5 117.7

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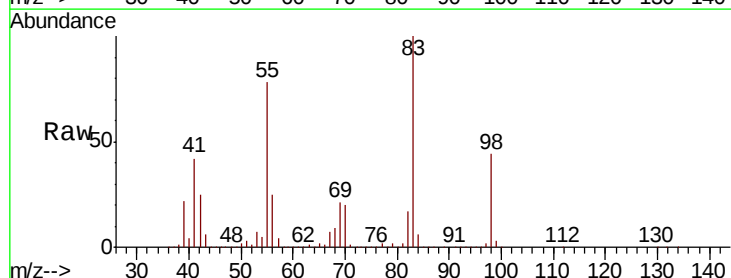


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

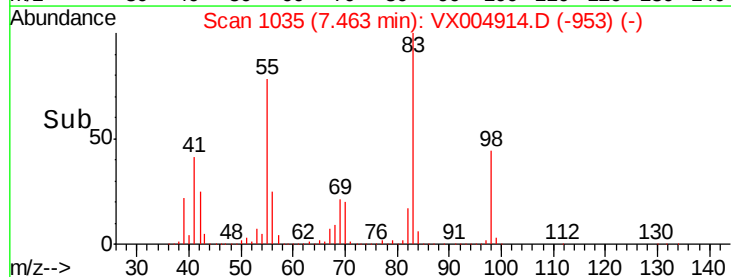
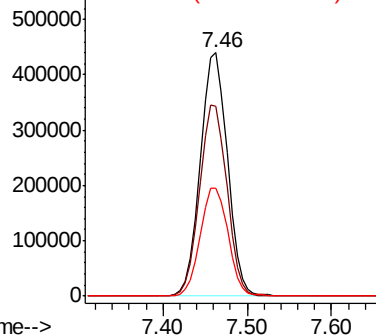


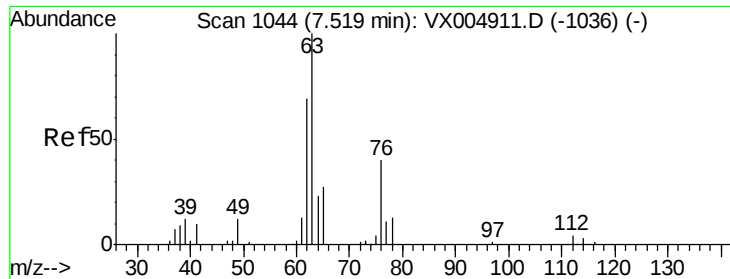
#38
 Methylcyclohexane
 Concen: 204.209 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion: 83 Resp: 962223
 Ion Ratio Lower Upper
 83 100
 55 79.4 41.8 125.3
 98 45.7 22.4 67.3



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





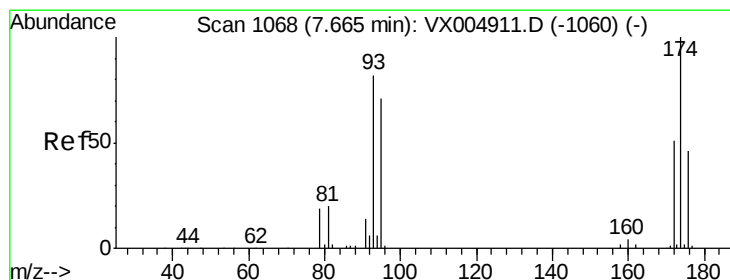
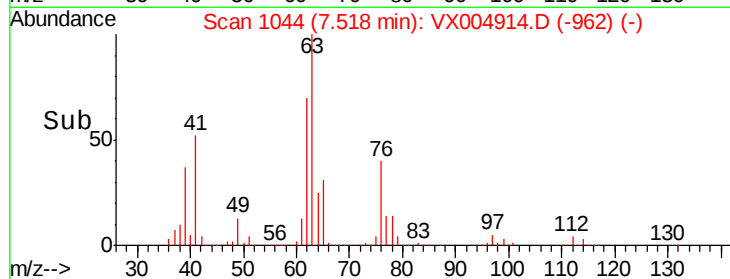
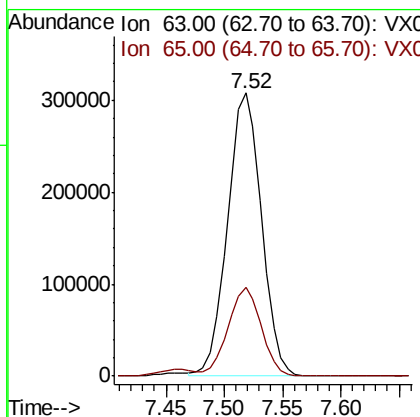
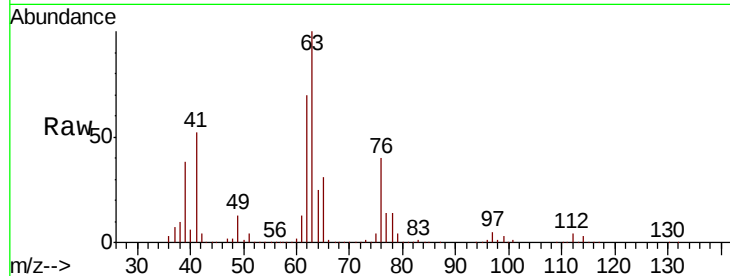
#39
 1,2-Dichloropropane
 Concen: 194.761 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

Tot Ion: 63 Resp: 624980
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.2 34.8

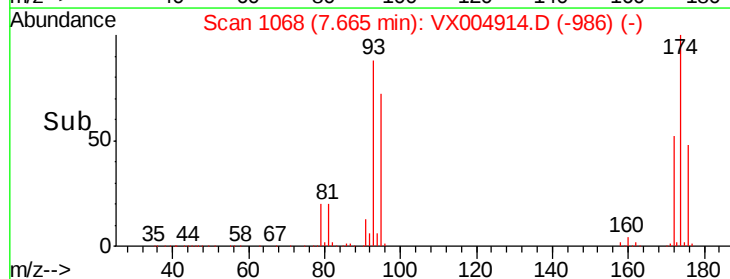
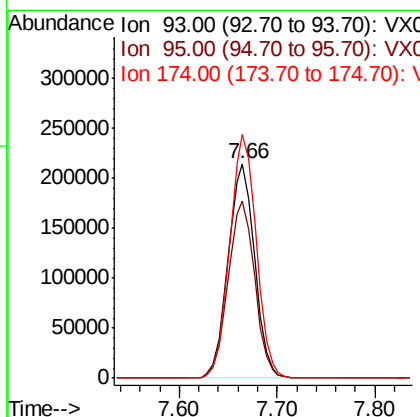
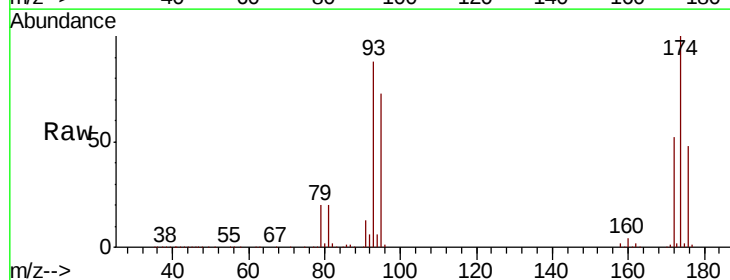
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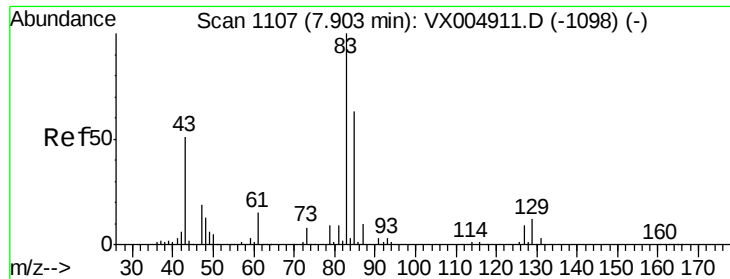
MMDadoda
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#40
 Dibromomethane
 Concen: 193.797 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion: 93 Resp: 403070
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 172.4
 174 113.7 0.0 234.0





#41

Bromodichloromethane

Concen: 200.328 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

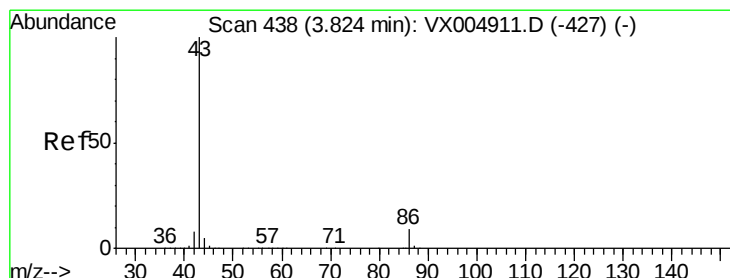
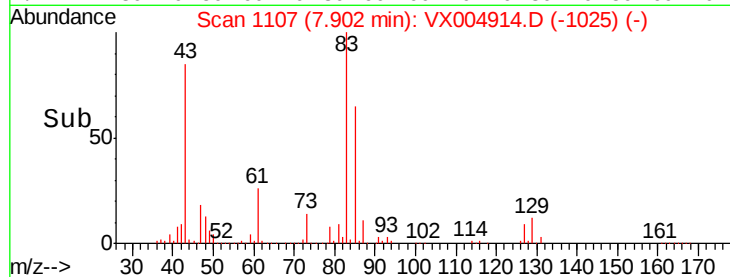
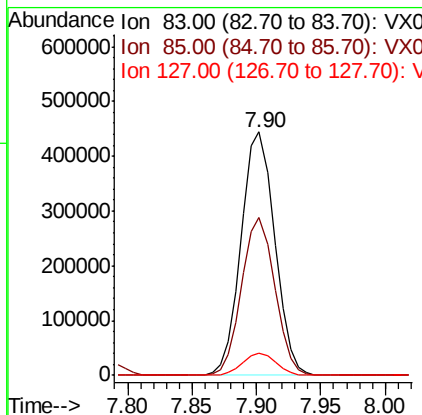
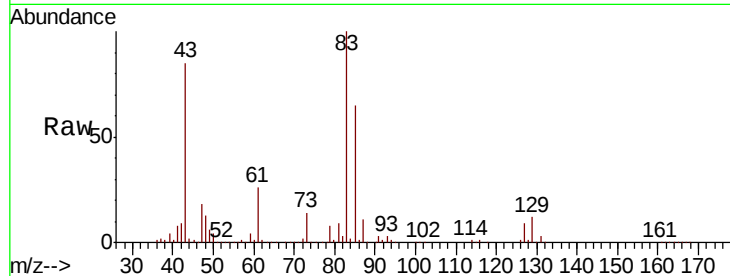
ClientSampleId :

VSTDICC200

Tot Ion:	83	Resp:	803231
Ion Ratio	Lower	Upper	
83	100		
85	64.9	50.2	75.4
127	9.2	6.9	10.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 935.665 ug/l

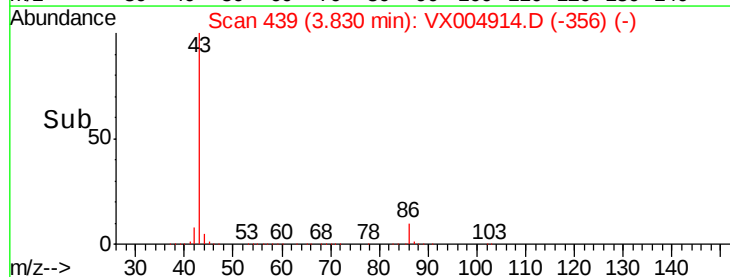
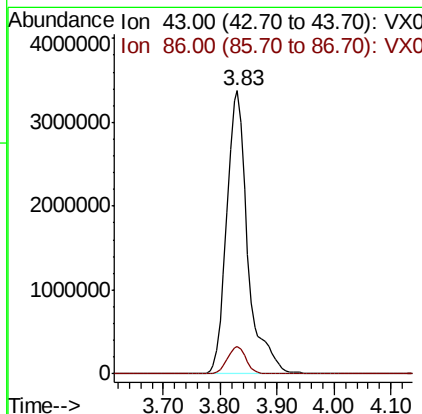
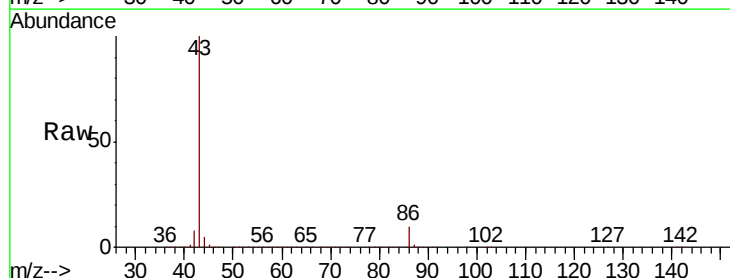
RT: 3.83 min Scan# 439

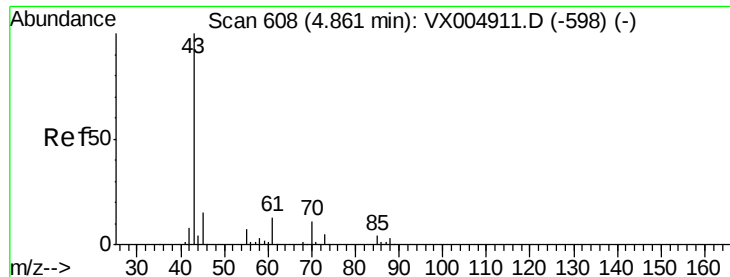
Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Tgt Ion:	43	Resp:	8734762
Ion Ratio	Lower	Upper	
43	100		
86	8.7	6.6	10.0





#43

Ethyl Acetate

Concen: 189.718 ug/l

RT: 4.87 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Tot Ion: 43 Resp: 1009825

Ion Ratio Lower Upper

43 100

45 15.0 12.3 18.5

Instrument :

MSVOA_X

ClientSampled :

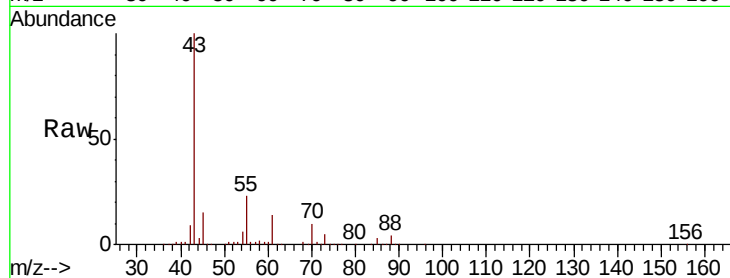
VSTDICC200

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

1000000

800000

600000

400000

200000

0

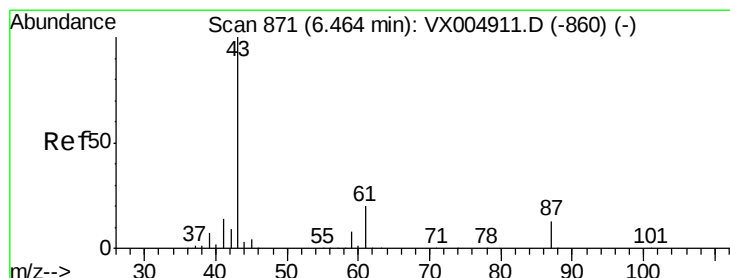
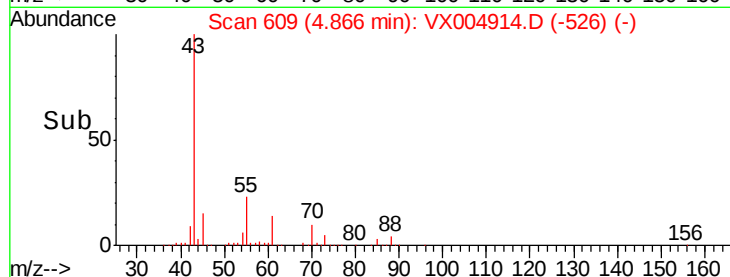
4.80

4.87

4.90

5.00

Time-->



#44

Isopropyl Acetate

Concen: 201.594 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004914.D

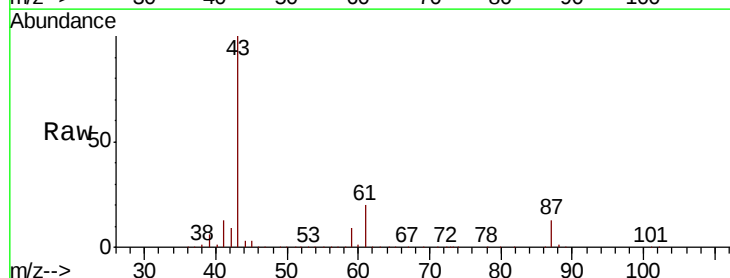
Acq: 02 Oct 2018 11:51

Tgt Ion: 43 Resp: 1601312

Ion Ratio Lower Upper

43 100

61 19.8 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

400000

200000

0

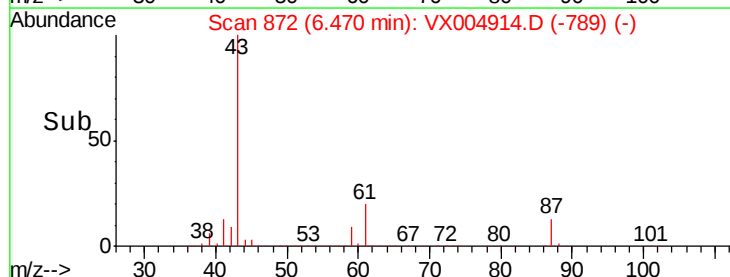
6.40

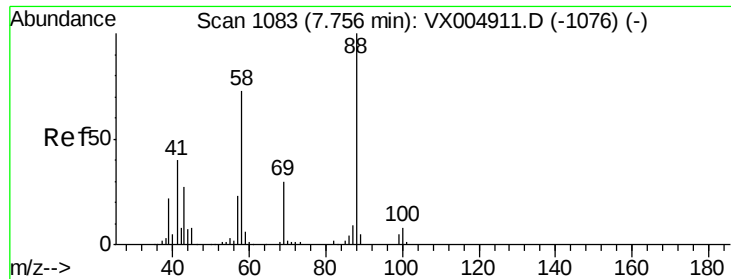
6.47

6.50

6.60

Time-->





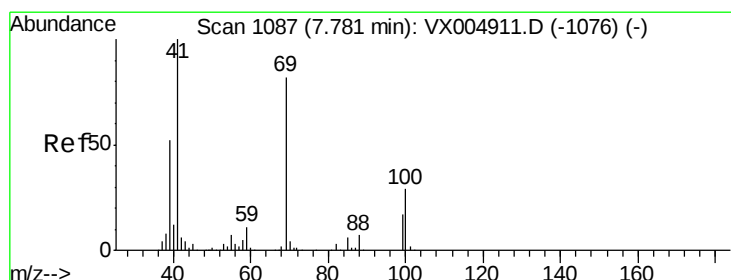
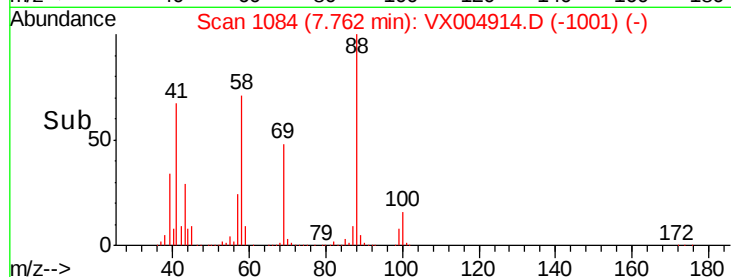
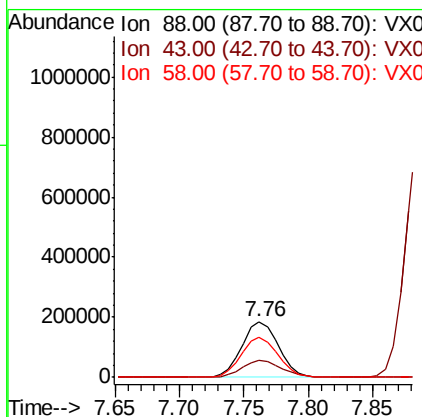
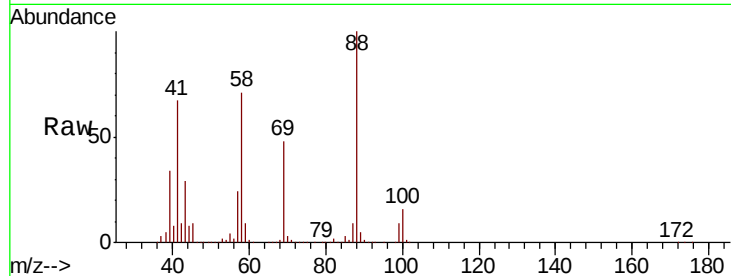
#45
 1,4-Dioxane
 Concen: 3875.303 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC200

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.4	38.0
58	73.1	61.0	91.6

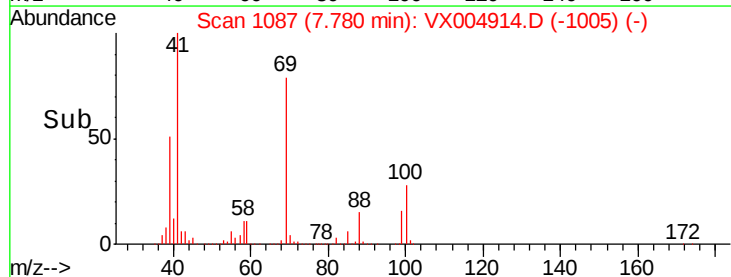
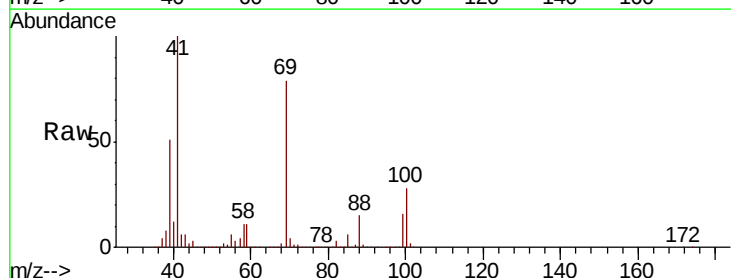
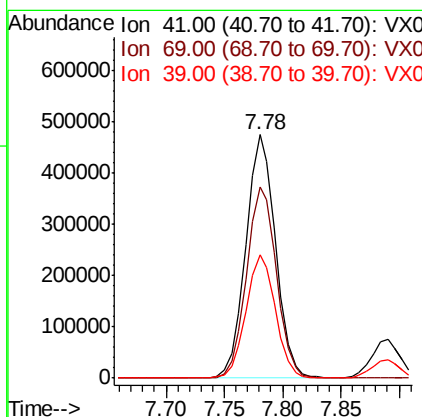
Manual Integrations
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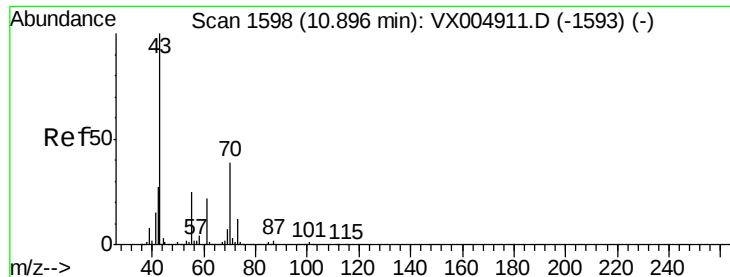
MMDadoda
 10/3/2018 4:23:26 PM



#46
 Methyl methacrylate
 Concen: 204.146 ug/l
 RT: 7.78 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.7	41.0	123.0
39	50.6	25.9	77.7





#47

n-amvl Acetate

Concen: 227.865 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

Tot Ion: 43 Resp: 1669914

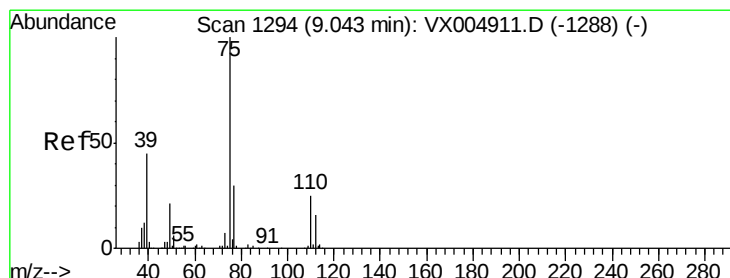
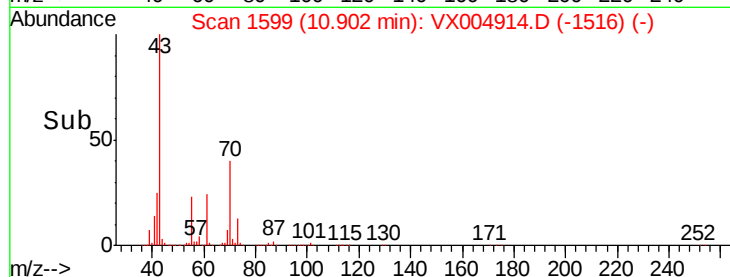
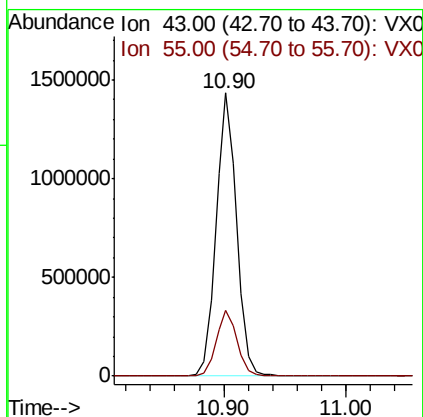
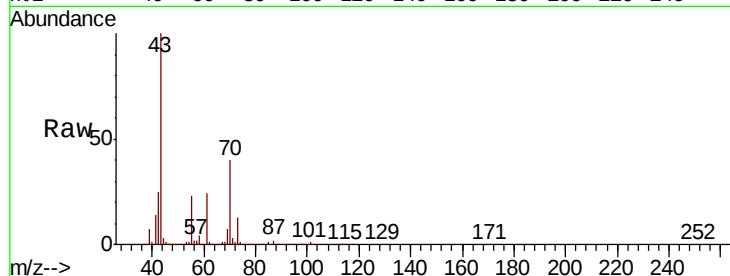
Ion Ratio Lower Upper

43 100

55 23.4 20.0 30.0

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 200.268 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004914.D

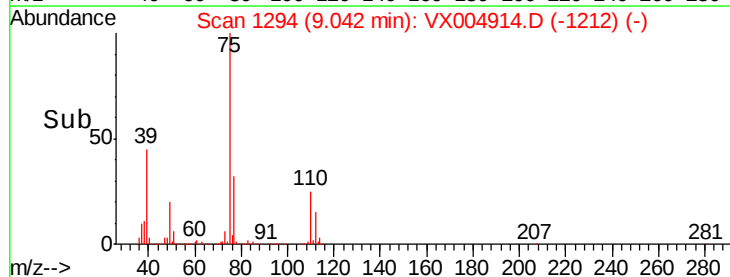
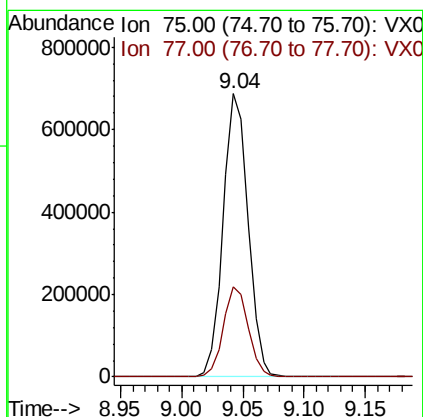
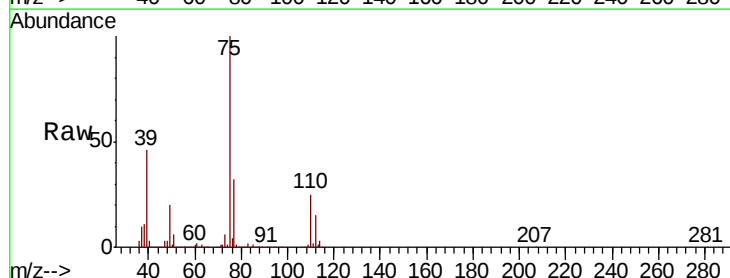
Acq: 02 Oct 2018 11:51

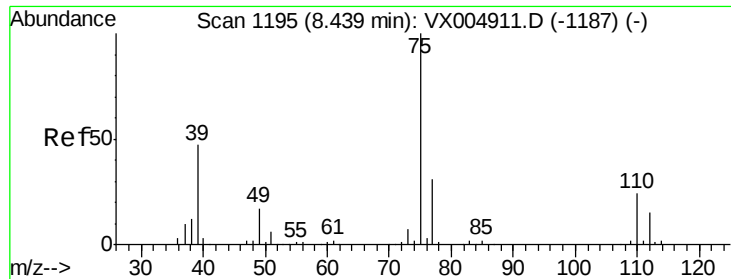
Tgt Ion: 75 Resp: 973077

Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6





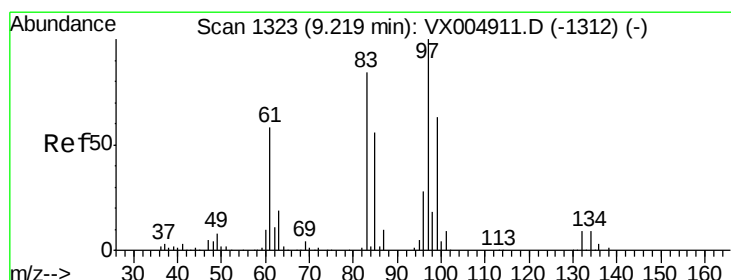
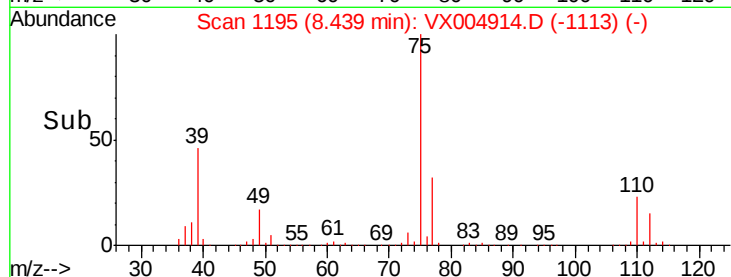
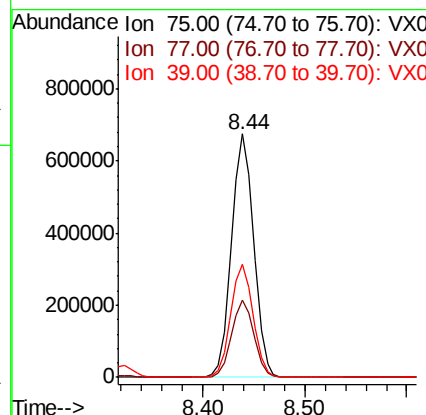
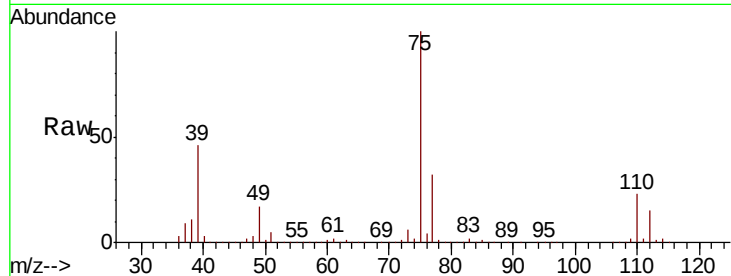
#49
 cis-1,3-Dichloropropene
 Concen: 215.255 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.9	37.3
39	46.4	38.0	57.0

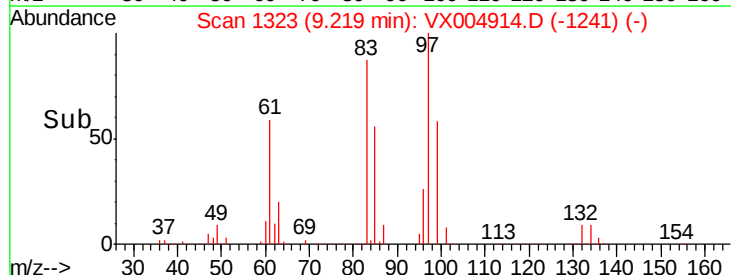
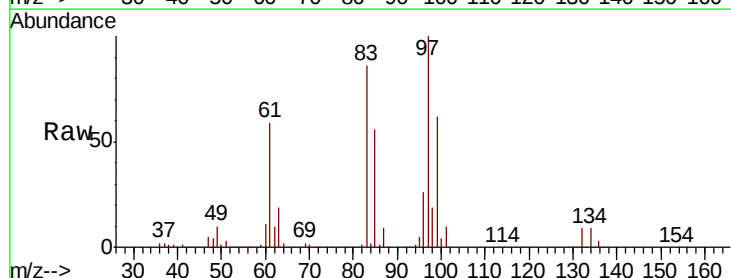
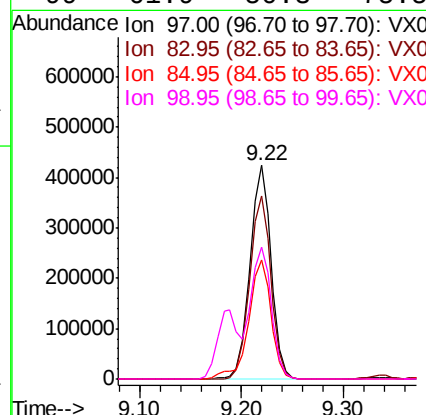
Manual Integrations
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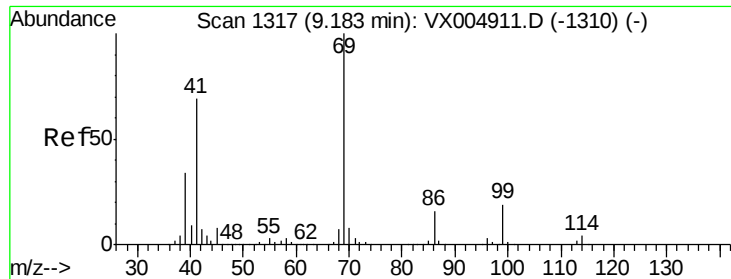
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 193.750 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.2	100.8
85	55.8	44.7	67.1
99	61.9	50.3	75.5





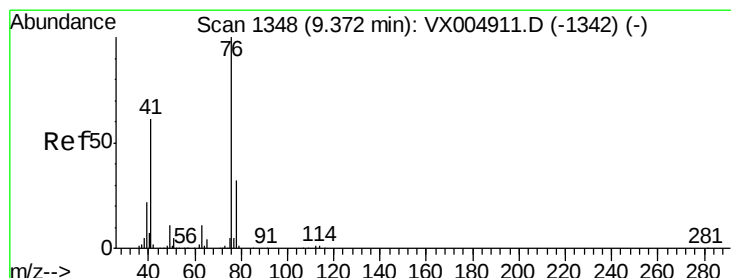
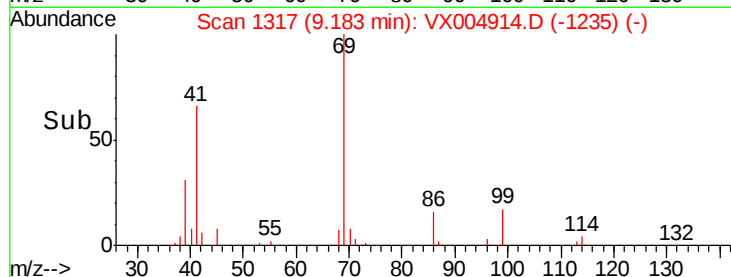
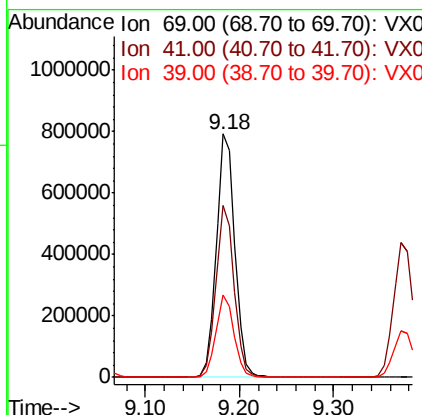
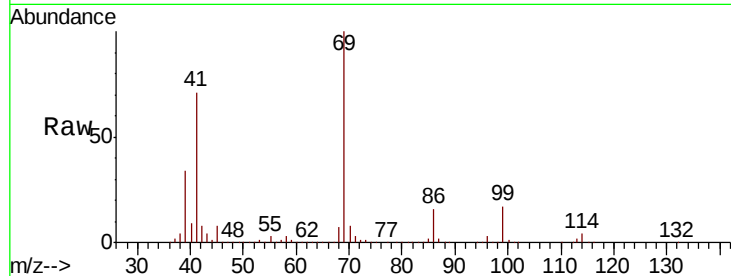
#51
Ethyl methacrylate
Concen: 216.243 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampled :
VSTDIC200

Tot Ion: 69 Resp: 1080648
Ion Ratio Lower Upper
69 100
41 70.8 34.6 103.9
39 33.6 17.0 51.0

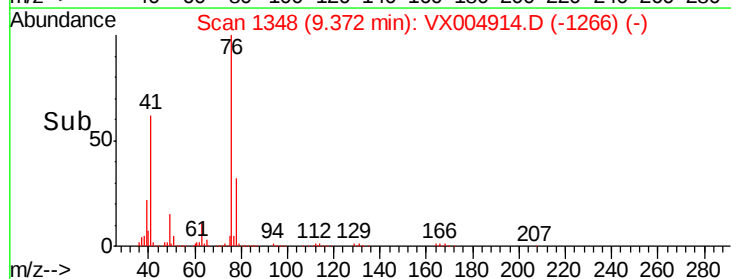
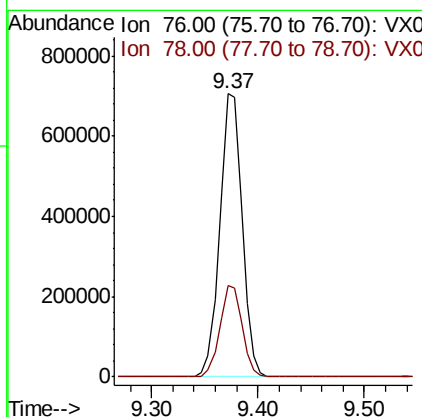
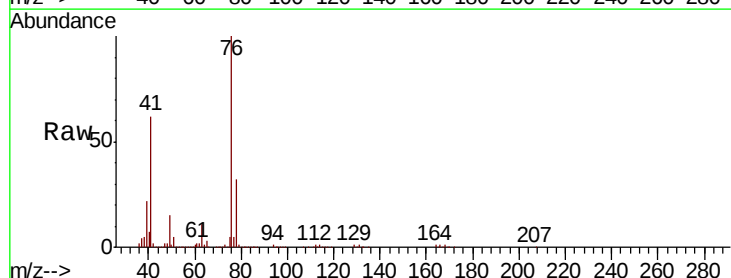
Manual Integrations
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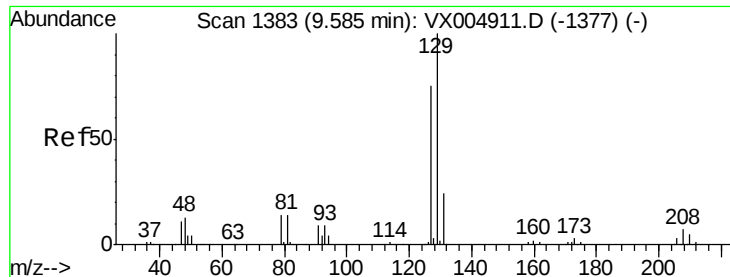
MMDadoda
10/3/2018 4:23:26 PM



#52
1,3-Dichloropropane
Concen: 194.271 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 76 Resp: 1032042
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.4





#53

Dibromochloromethane

Concen: 208.800 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

Tot Ion:129 Resp: 682137

Ion Ratio Lower Upper

129 100

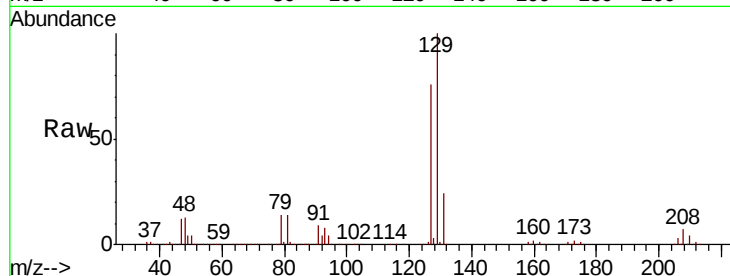
127 76.6 38.3 114.9

Manual Integrations

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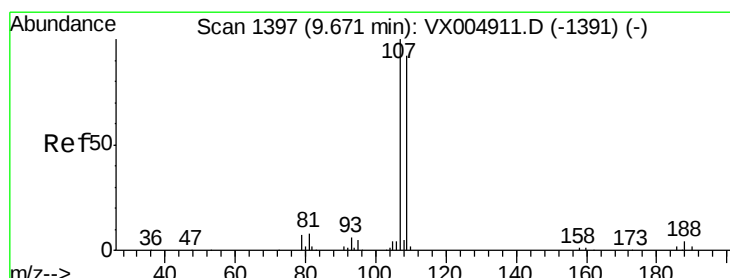
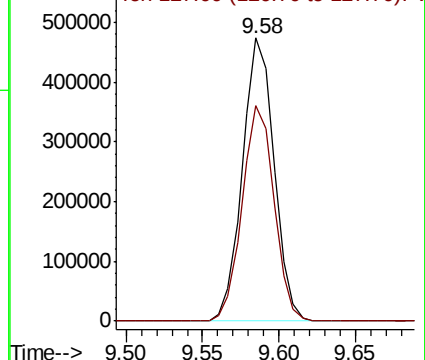
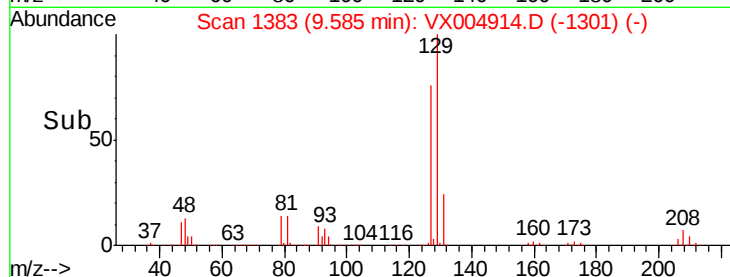
MMDadoda

10/3/2018 4:23:26 PM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 197.168 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004914.D

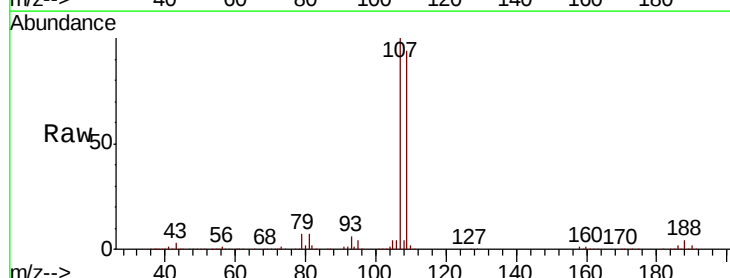
Acq: 02 Oct 2018 11:51

Tgt Ion:107 Resp: 647024

Ion Ratio Lower Upper

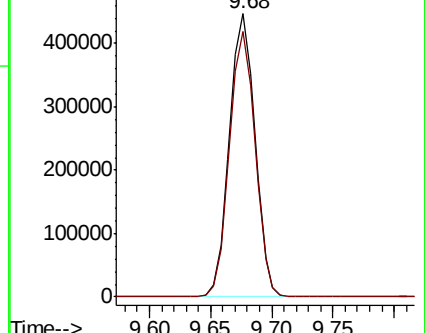
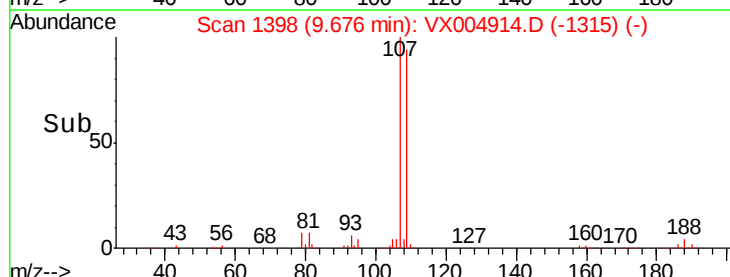
107 100

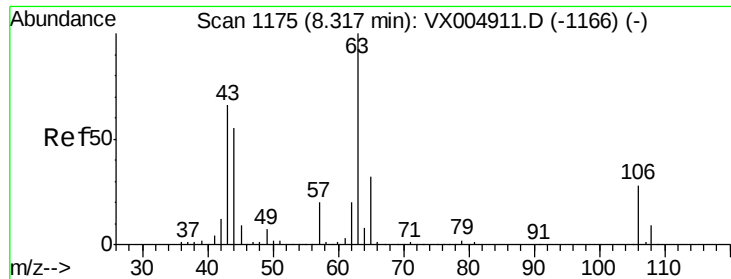
109 94.0 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





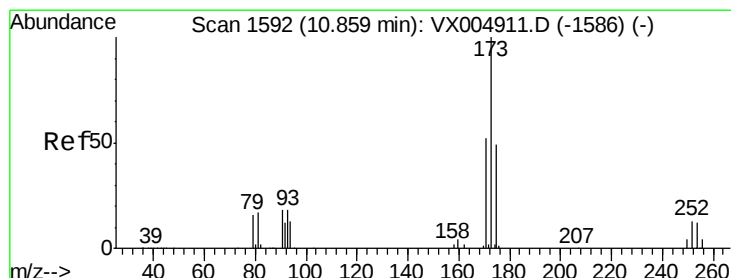
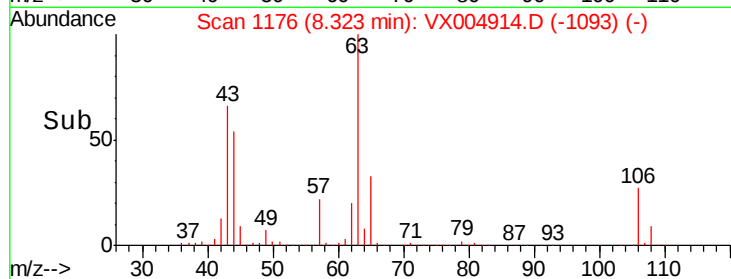
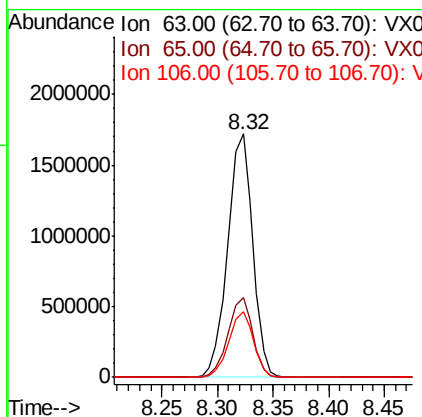
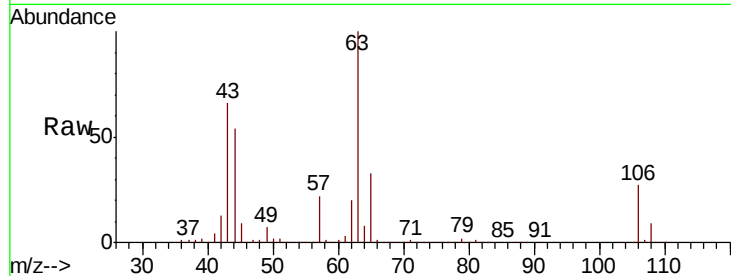
#55
2-Chloroethyl vinyl ether
Concen: 1013.962 ug/l
RT: 8.32 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tot Ion: 63 Resp: 2673766
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 26.9 21.8 32.6

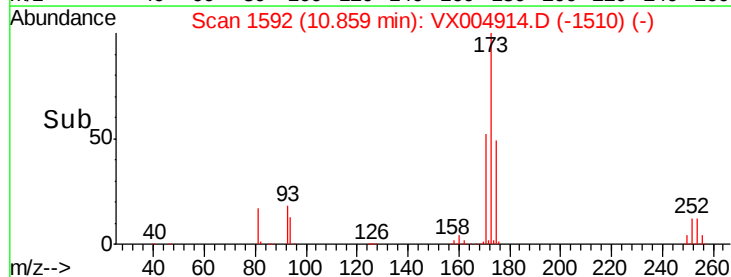
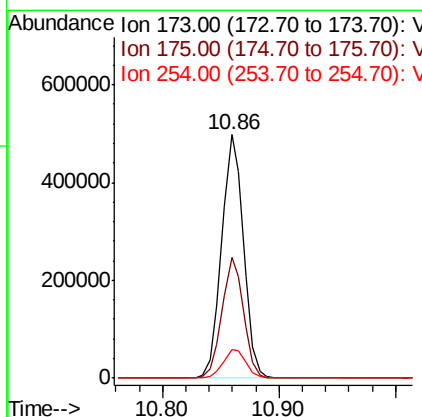
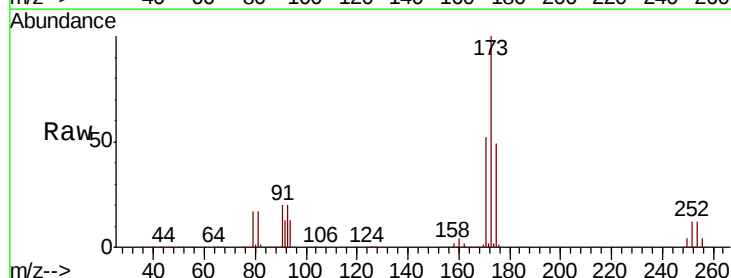
Manual Integrations
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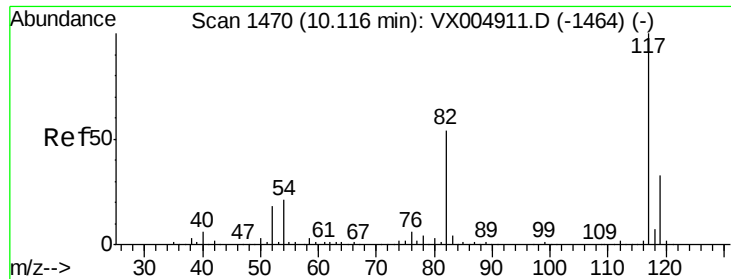
MMDadoda
10/3/2018 4:23:26 PM



#56
Bromoform
Concen: 234.935 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 173 Resp: 640970
Ion Ratio Lower Upper
173 100
175 49.0 39.7 59.5
254 12.3 9.6 14.4





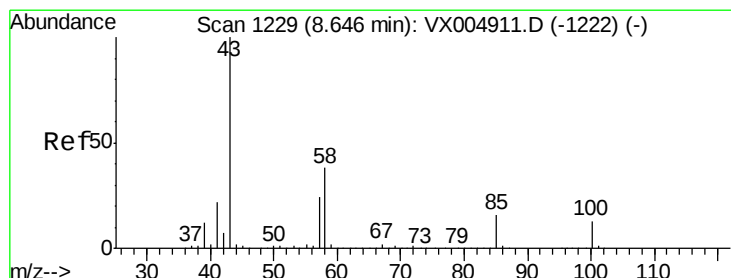
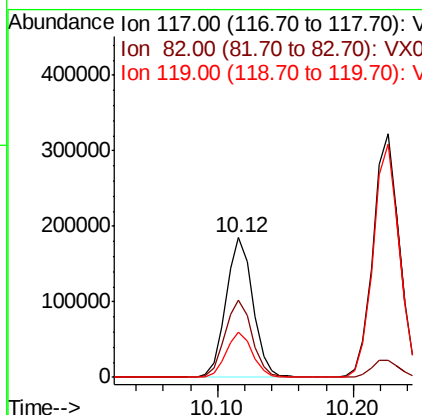
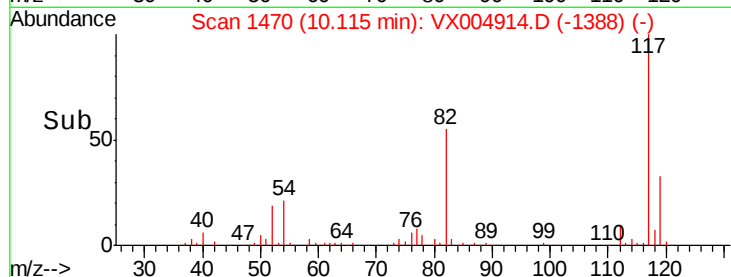
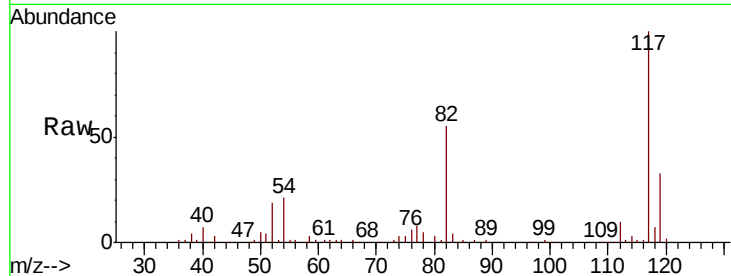
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampled :
VSTDICC200

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.2	66.4
119	31.8	25.8	38.6

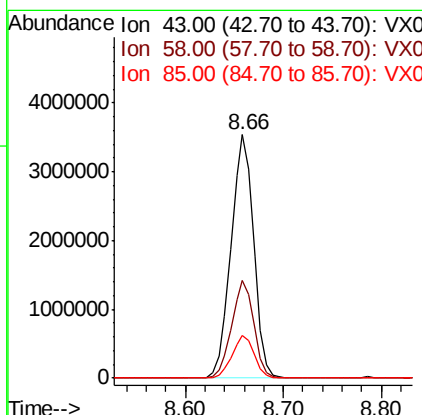
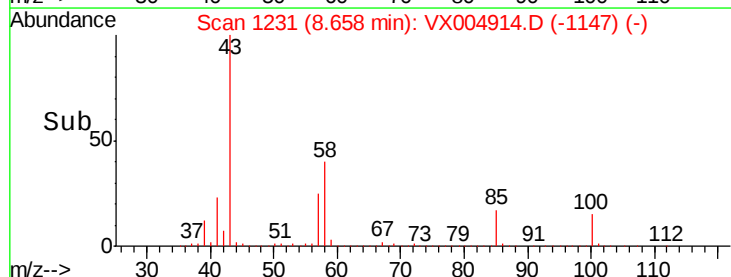
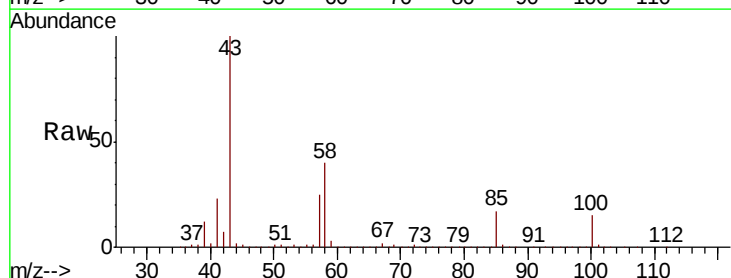
Manual Integrations
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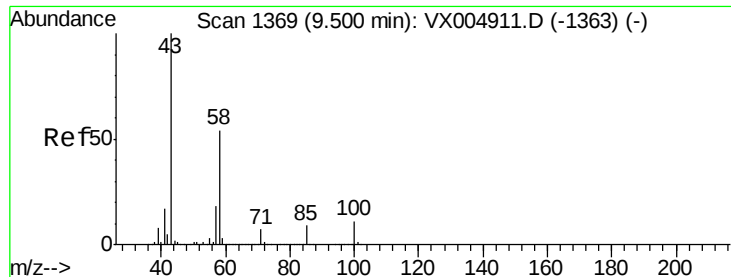
MMDadoda
10/3/2018 4:23:26 PM



#58
4-Methyl-2-Pentanone
Concen: 988.725 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	30.8	46.2
85	17.1	13.1	19.7





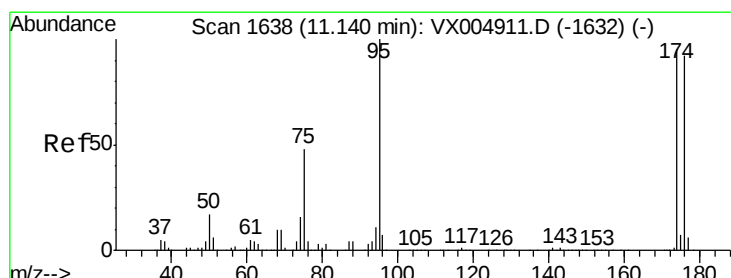
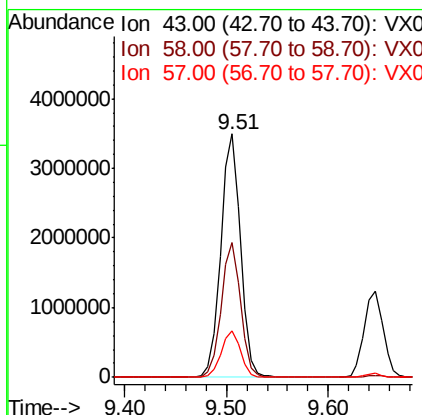
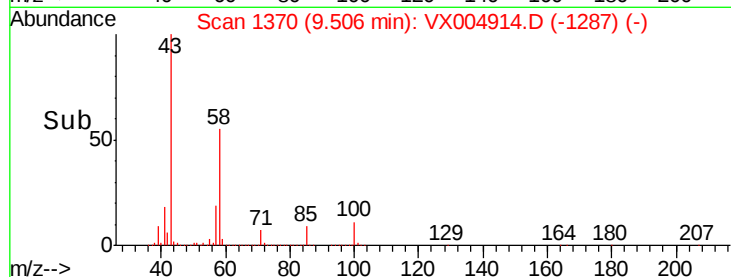
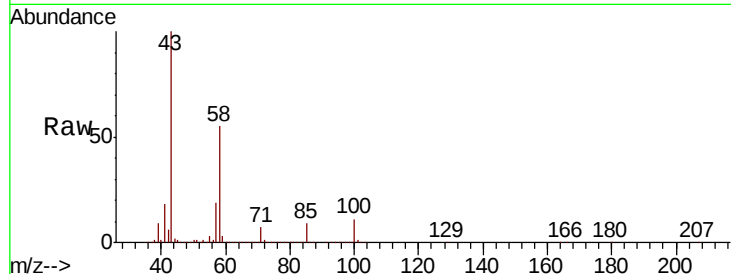
#59
2-Hexanone
Concen: 998.416 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

Tot Ion: 43 Resp: 4711345
Ion Ratio Lower Upper
43 100
58 54.4 42.7 64.1
57 19.0 14.6 22.0

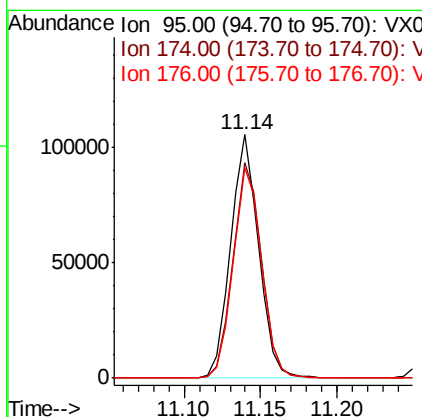
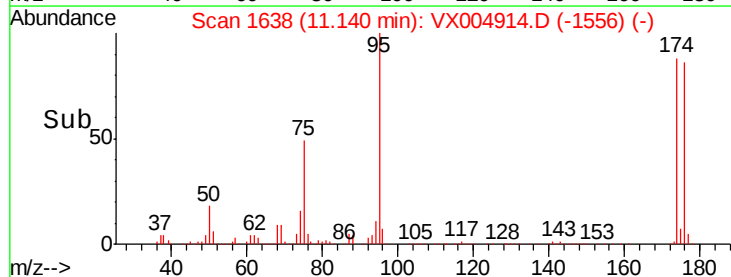
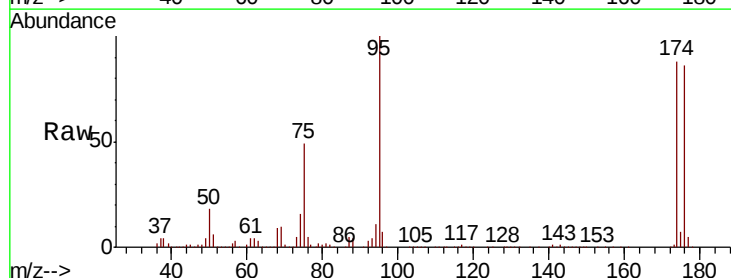
Manual Integrations
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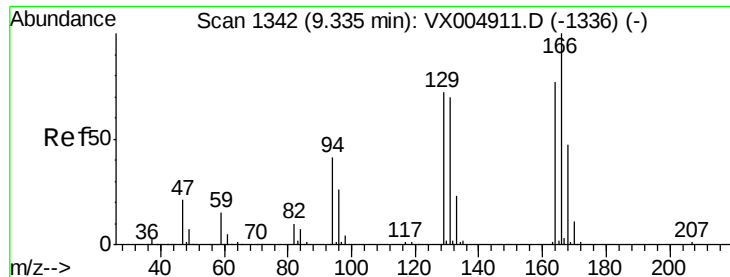
MMDadoda
10/3/2018 4:23:26 PM



#60
4-Bromofluorobenzene
Concen: 31.436 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 95 Resp: 133294
Ion Ratio Lower Upper
95 100
174 90.8 73.1 109.7
176 87.8 71.0 106.6





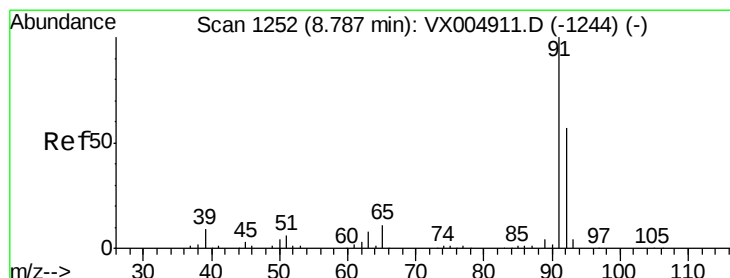
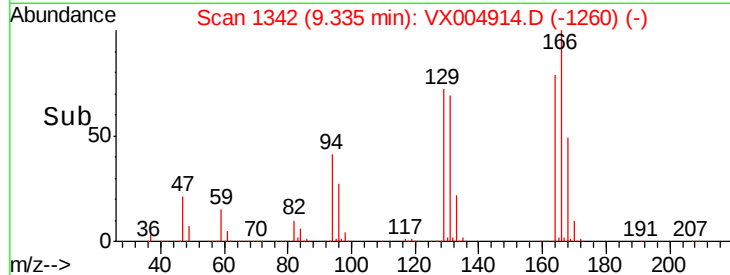
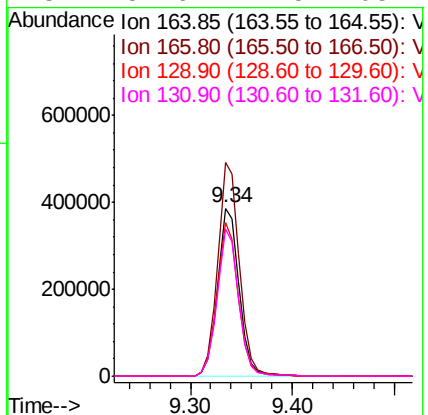
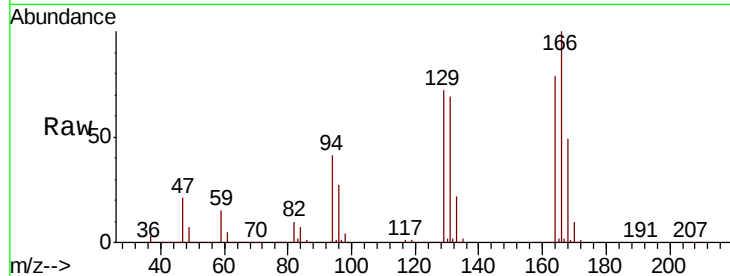
#61
Tetrachloroethene
Concen: 185.208 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.0	156.0
129	91.4	75.1	112.7
131	87.6	72.5	108.7

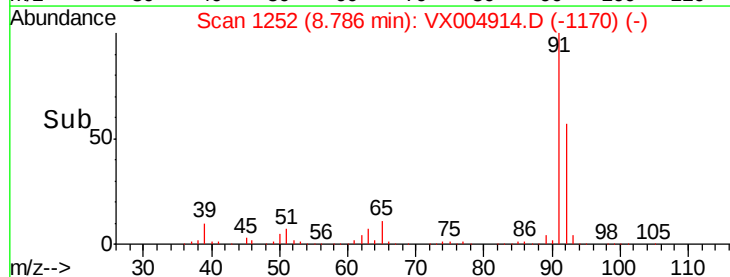
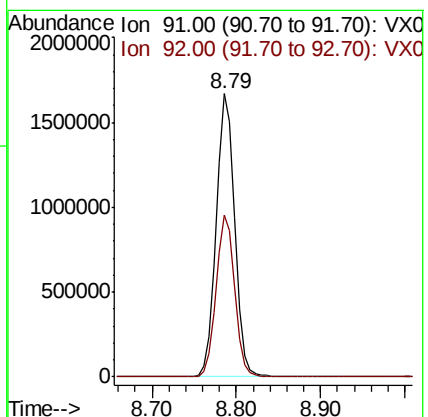
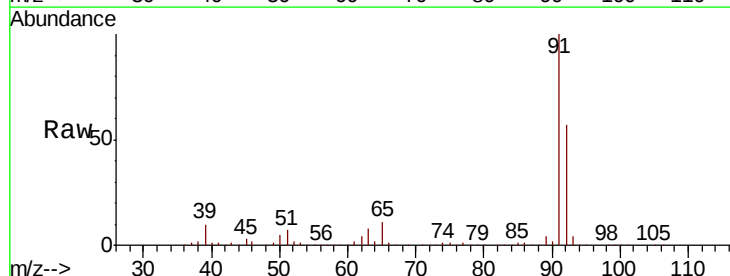
Manual Integrations
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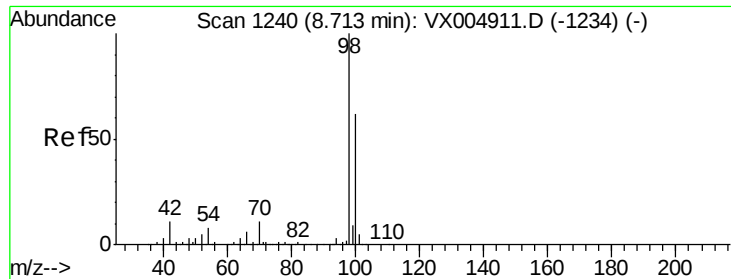
MMDadoda
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#62
Toluene
Concen: 190.175 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.5	46.2	69.4





#63

Toluene-d8

Concen: 28.774 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampled :

VSTDIC200

Tot Ion: 98 Resp: 327634

Ion Ratio Lower Upper

98 100

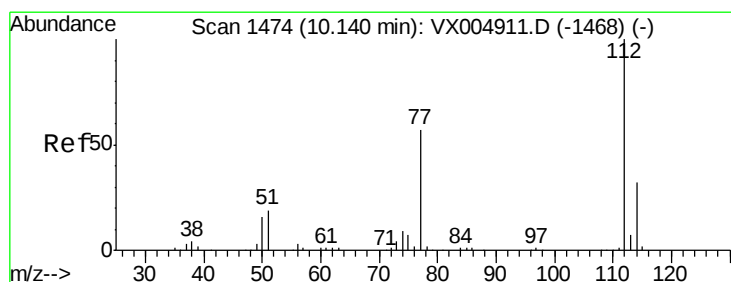
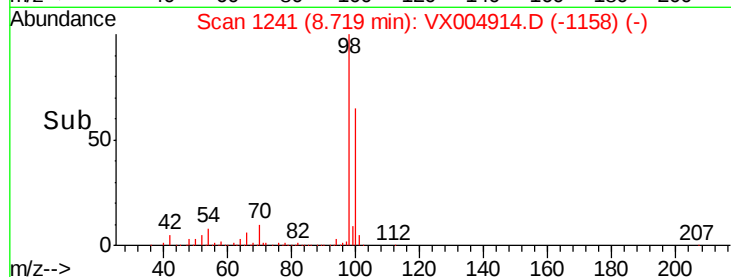
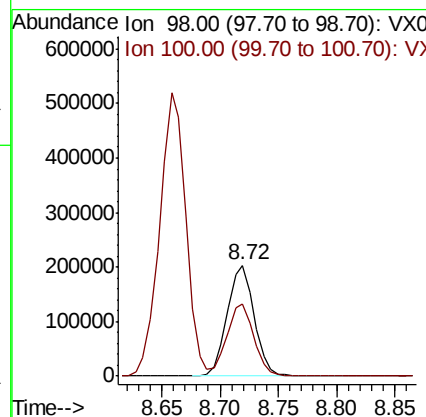
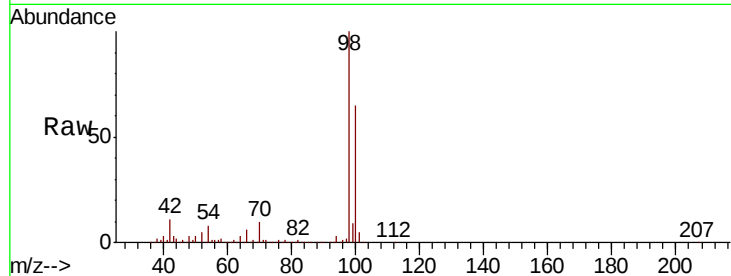
100 65.5 51.6 77.4

Manual Integrations

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#64

Chlorobenzene

Concen: 194.010 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004914.D

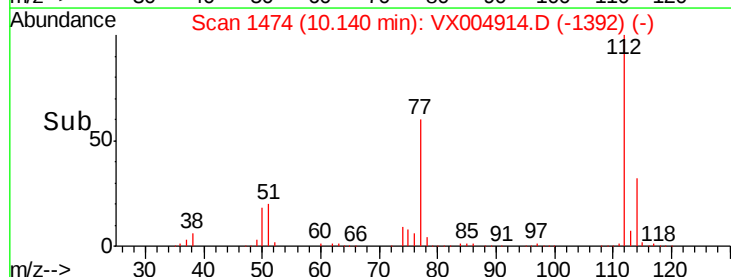
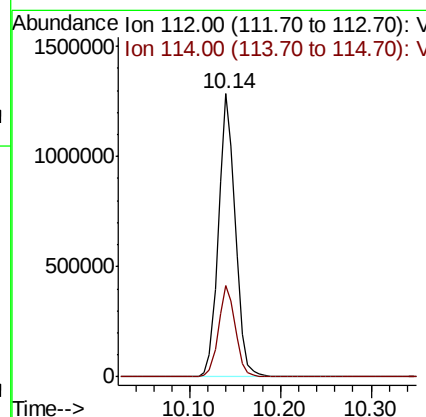
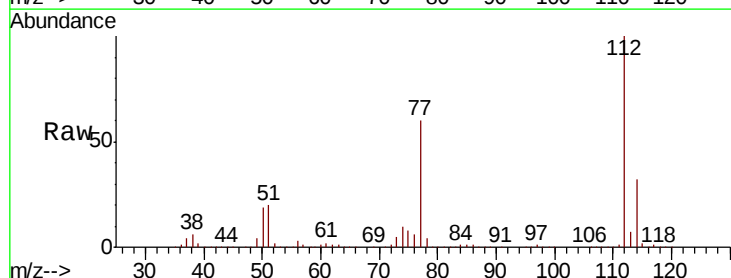
Acq: 02 Oct 2018 11:51

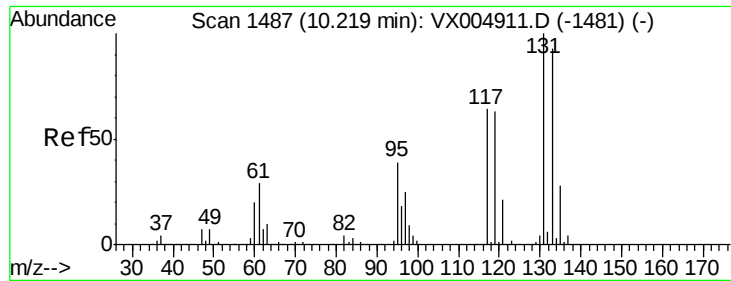
Tgt Ion: 112 Resp: 1679676

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 199.809 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

Tot Ion:131 Resp: 628848

Ion Ratio Lower Upper

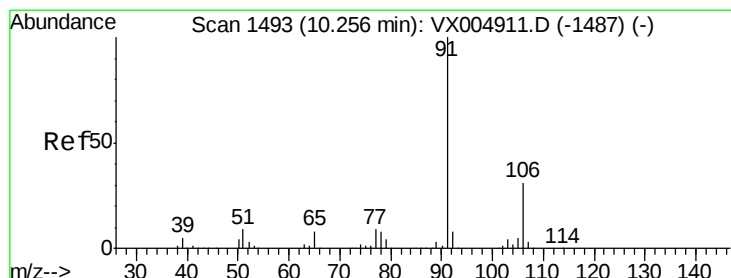
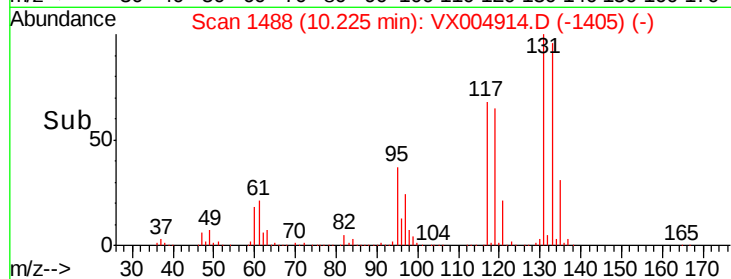
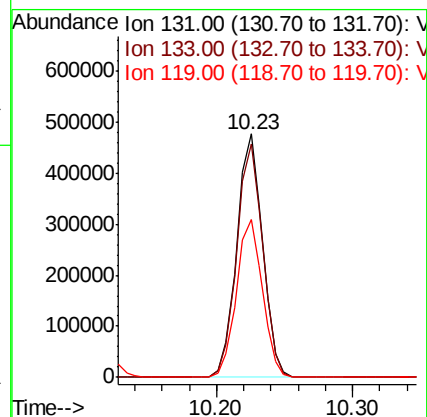
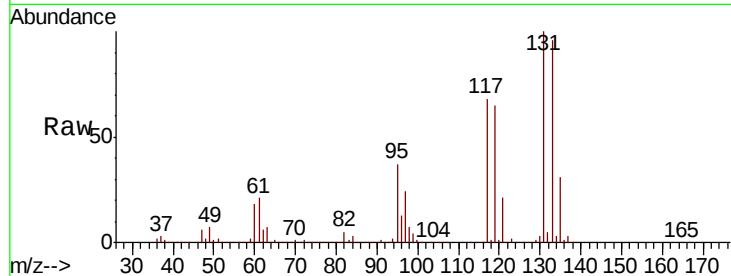
131 100

133 96.5 0.0 190.4

119 65.3 0.0 129.0

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#66

Ethyl Benzene

Concen: 199.426 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004914.D

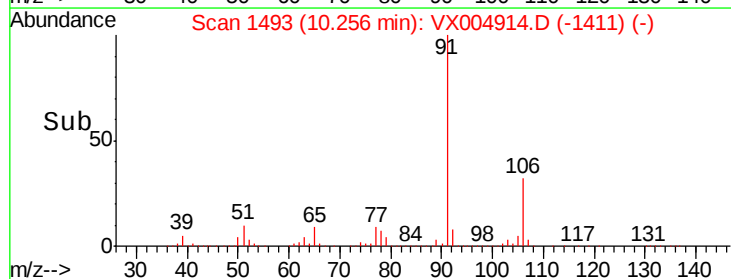
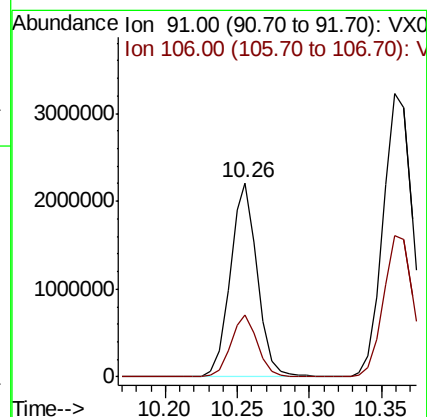
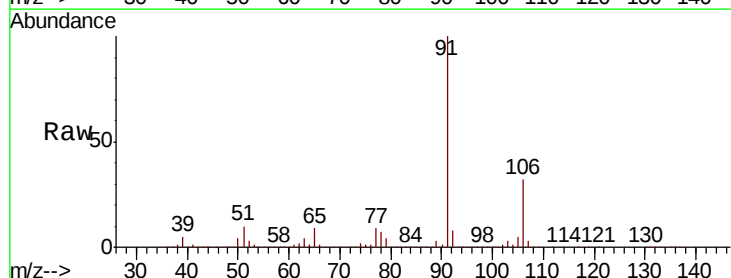
Acq: 02 Oct 2018 11:51

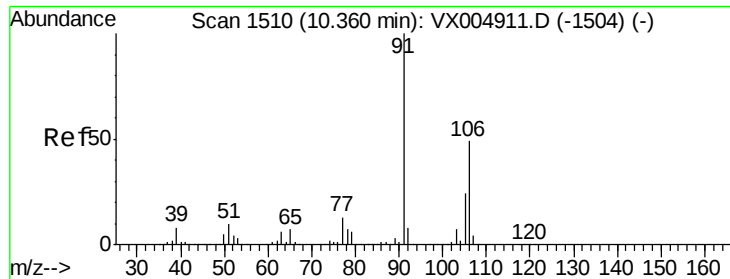
Tgt Ion: 91 Resp: 2918737

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7





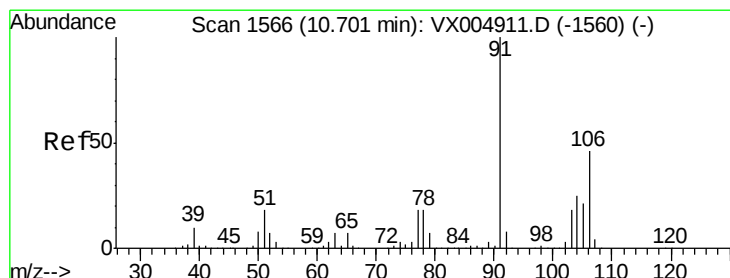
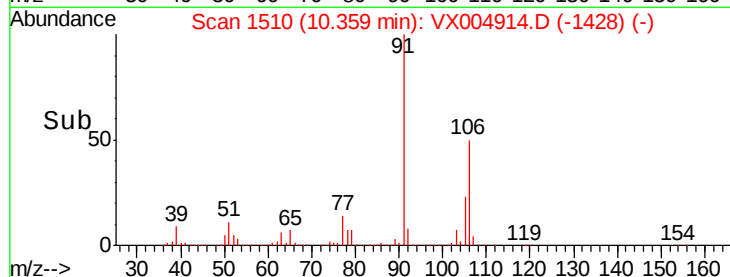
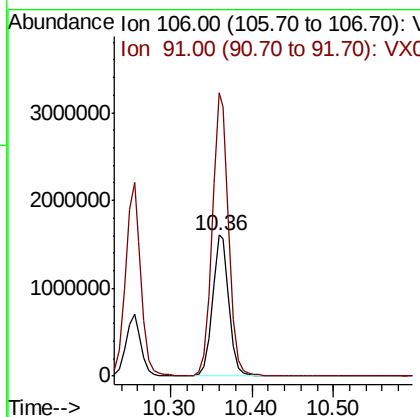
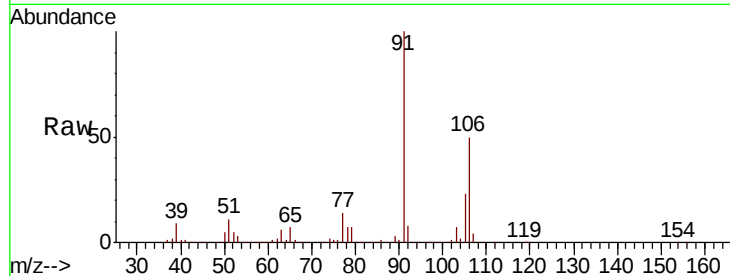
#67
m/p-Xylenes
Concen: 398.916 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tot Ion:106 Resp: 2273289
Ion Ratio Lower Upper
106 100
91 200.7 165.5 248.3

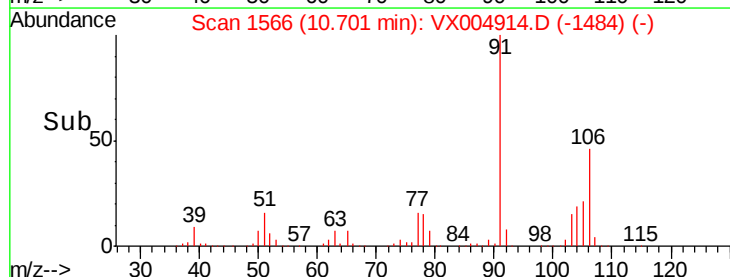
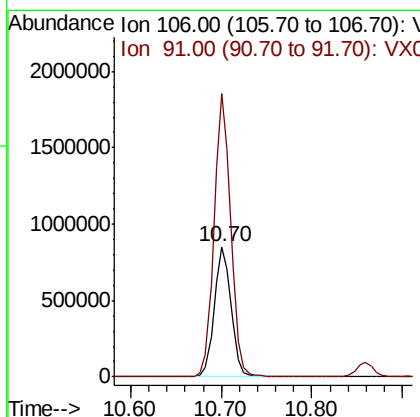
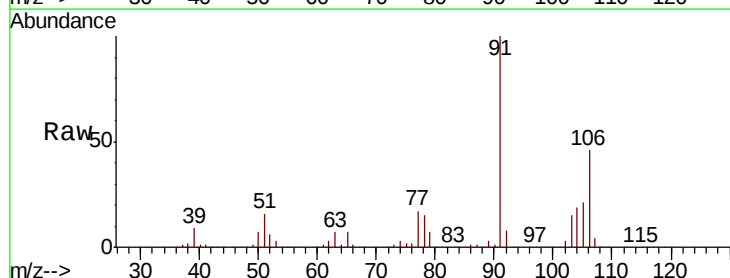
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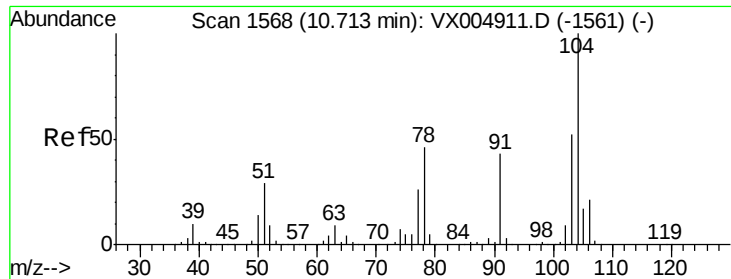
MMDadoda
10/3/2018 4:23:26 PM



#68
o-Xylene
Concen: 203.539 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion:106 Resp: 1118078
Ion Ratio Lower Upper
106 100
91 214.6 109.1 327.2





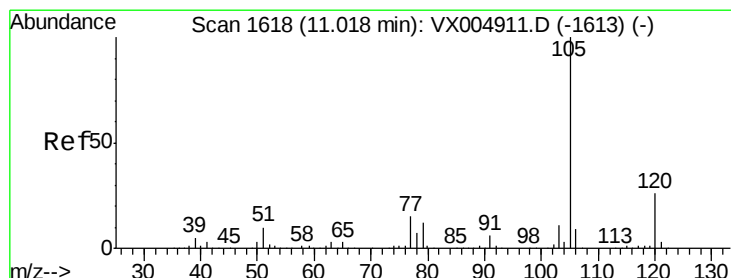
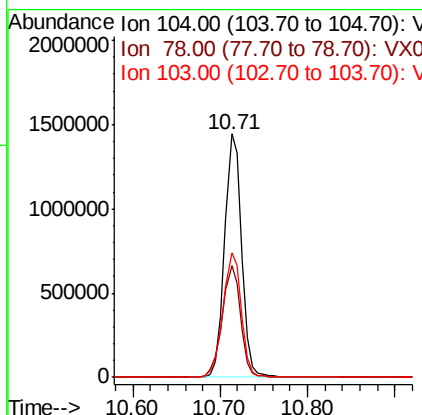
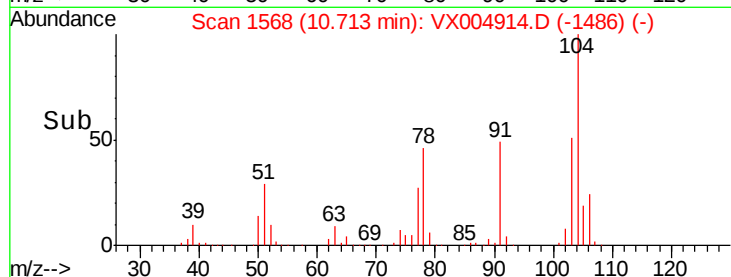
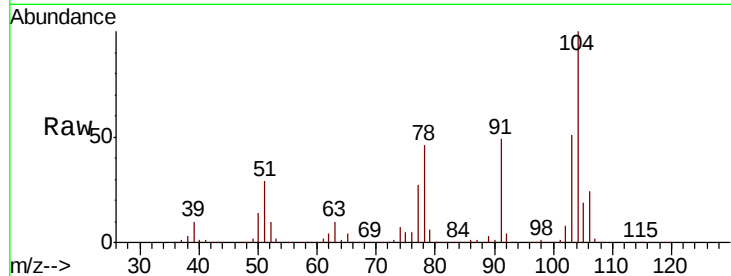
#69
Stvrene
Concen: 209.232 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tot Ion:104 Resp: 1932659
Ion Ratio Lower Upper
104 100
78 49.7 40.3 60.5
103 55.2 44.6 66.8

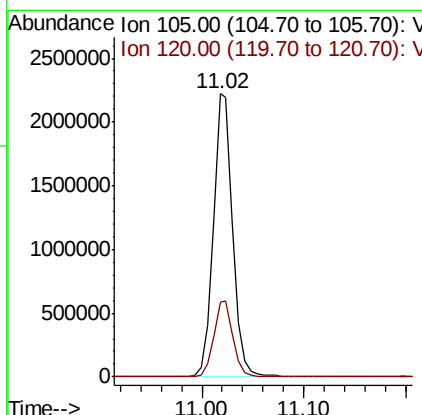
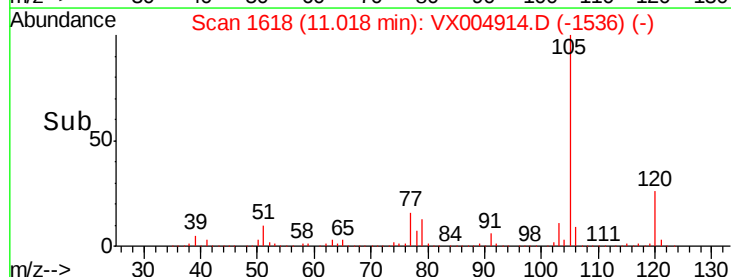
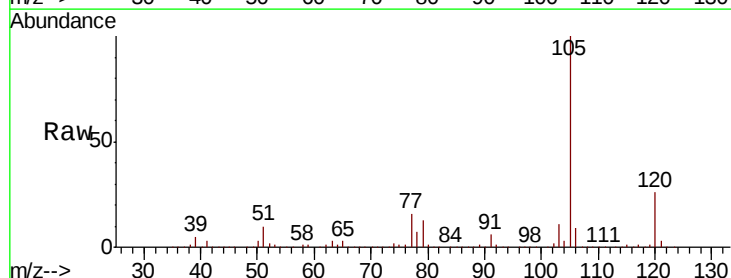
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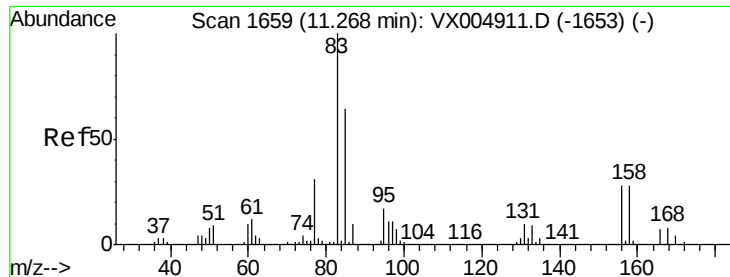
MMDadoda
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#70
Isopropylbenzene
Concen: 201.659 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion:105 Resp: 2966269
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1





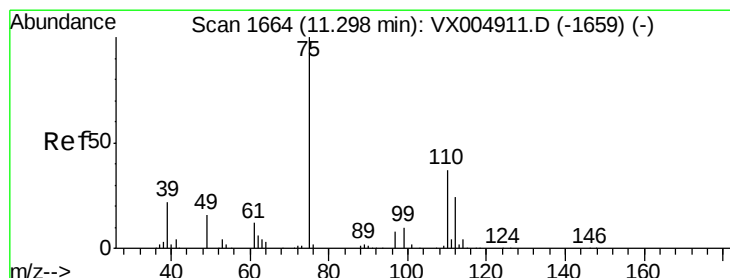
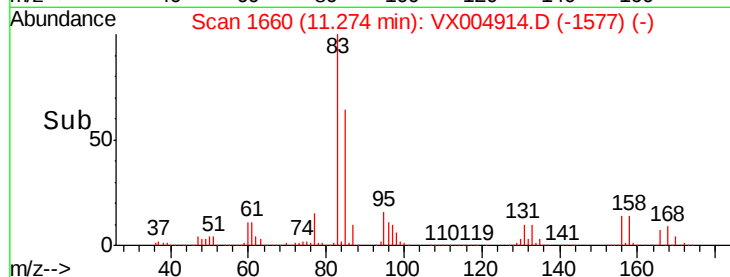
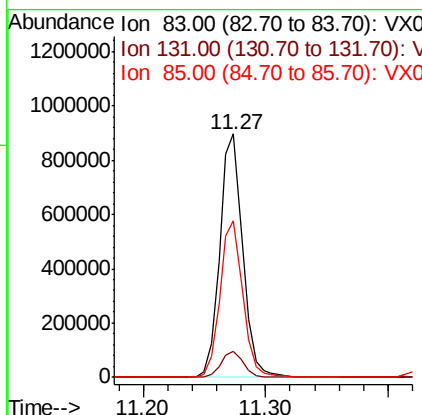
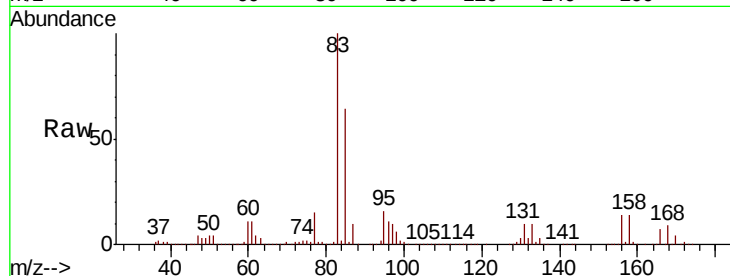
#71
 1,1,2,2-Tetrachloroethane
 Concen: 213.226 ug/l
 RT: 11.27 min Scan# 1660
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

Tot Ion	83	Resp	1164951
Ion Ratio	100		
Lower		5.1	15.2
Upper		32.2	96.6

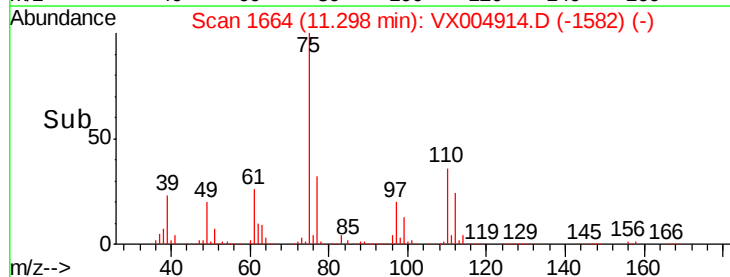
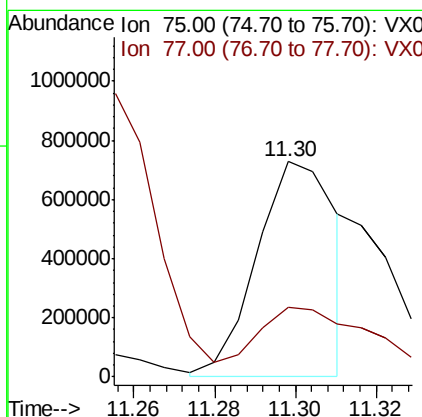
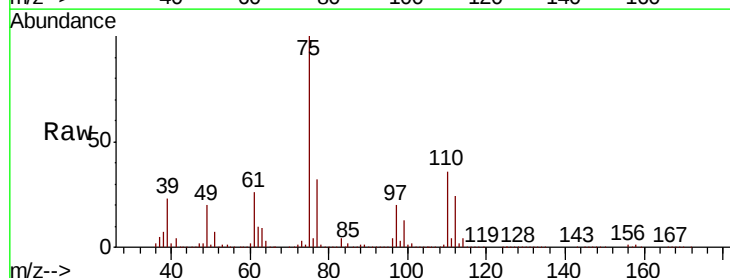
Manual Integrations
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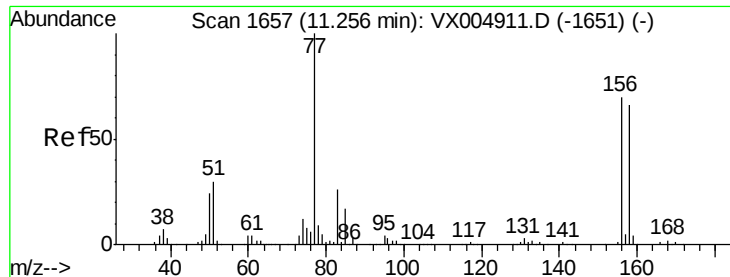
MMDadoda
 10/3/2018 4:23:26 PM



#72
 1,2,3-Trichloropropane
 Concen: 199.037 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion	75	Resp	990683
Ion Ratio	100		
Lower		0.0	81.2
Upper			





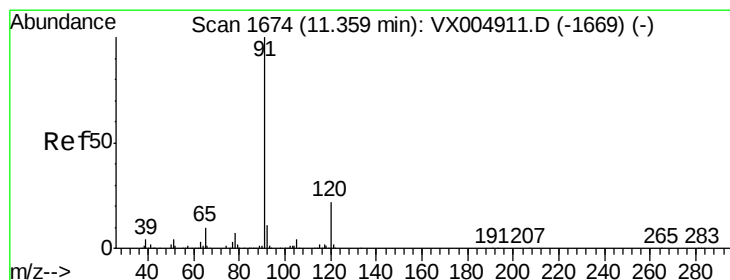
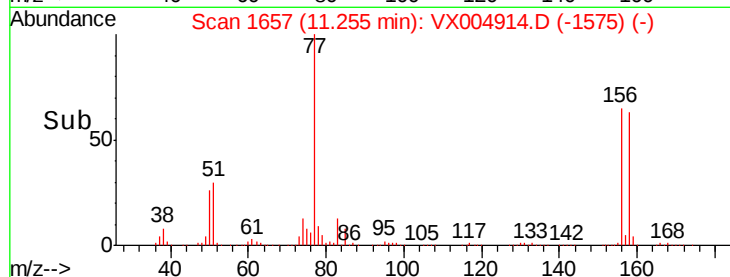
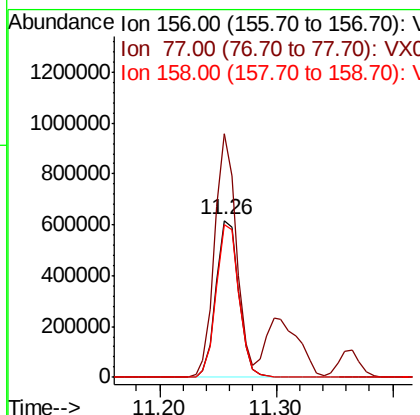
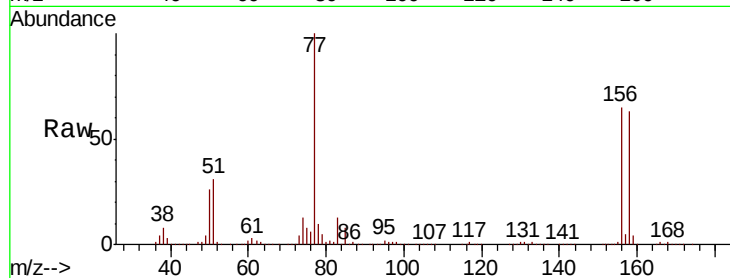
#73
Bromobenzene
Concen: 205.014 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.6	0.0	292.4
158	97.7	0.0	194.2

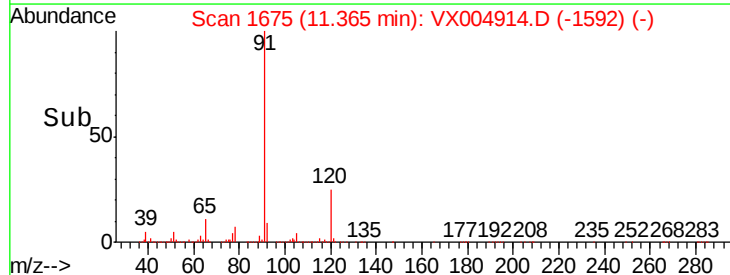
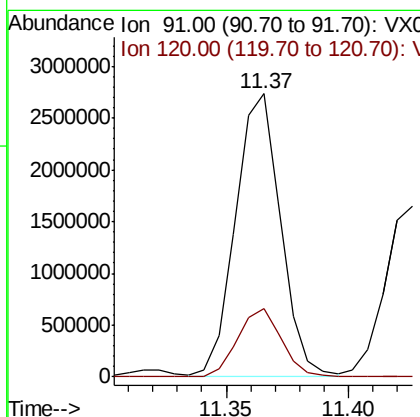
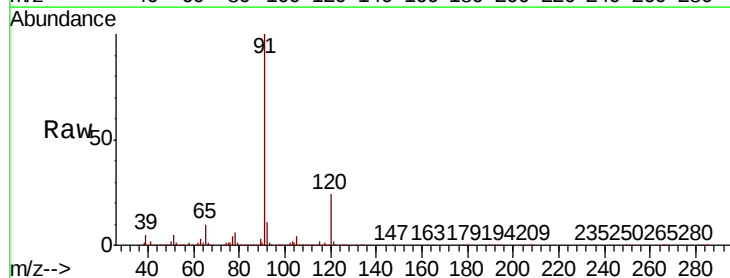
Manual Integrations
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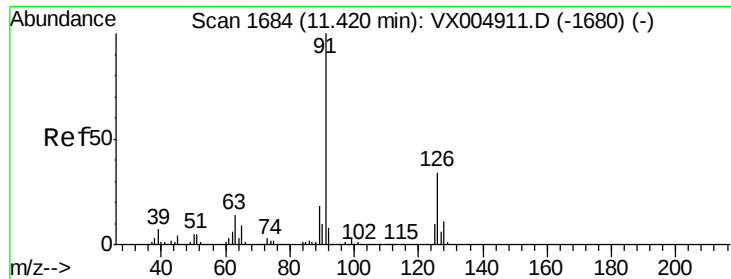
MMDadoda
10/3/2018 4:23:26 PM



#74
n-propylbenzene
Concen: 203.181 ug/l
RT: 11.37 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	0.0	45.4





#75

2-Chlorotoluene

Concen: 202.806 ug/l

RT: 11.43 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

Tot Ion: 91 Resp: 2140699

Ion Ratio Lower Upper

91 100

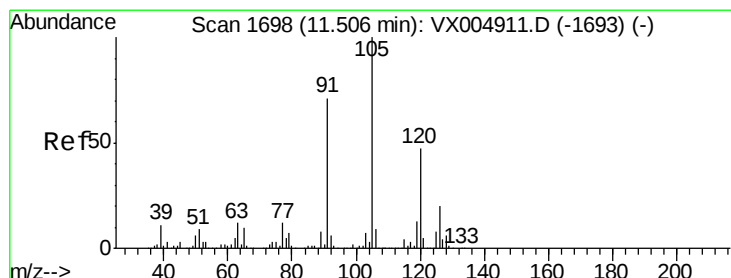
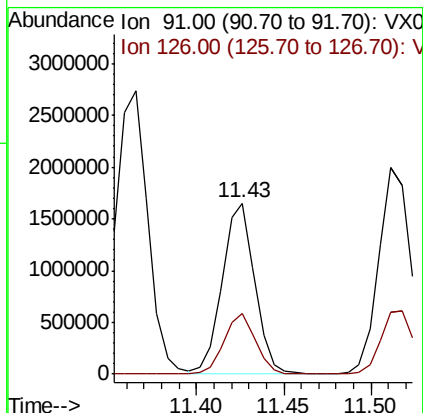
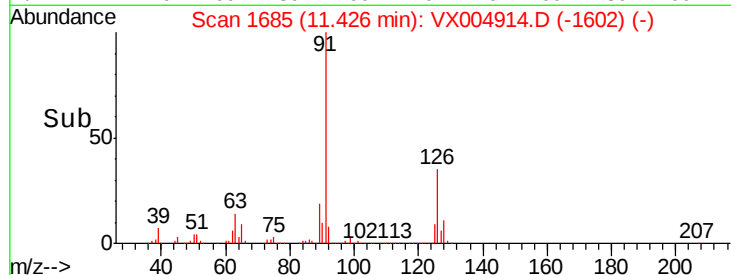
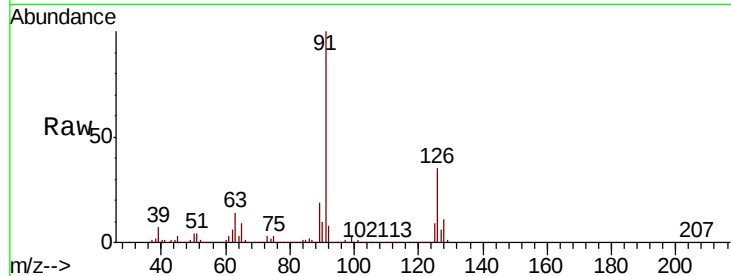
126 34.3 0.0 68.2

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#76

1,3,5-Trimethylbenzene

Concen: 207.560 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX004914.D

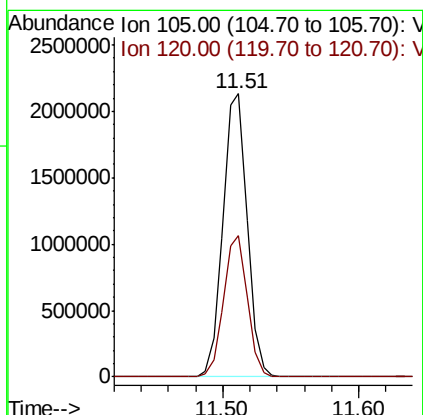
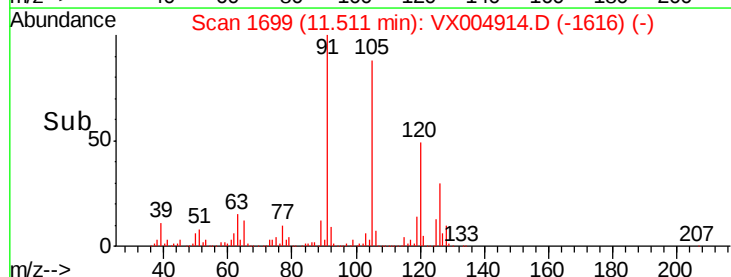
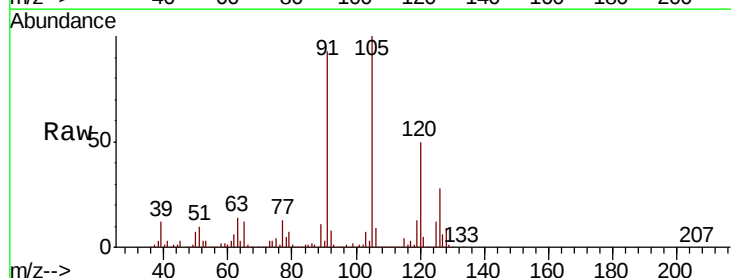
Acq: 02 Oct 2018 11:51

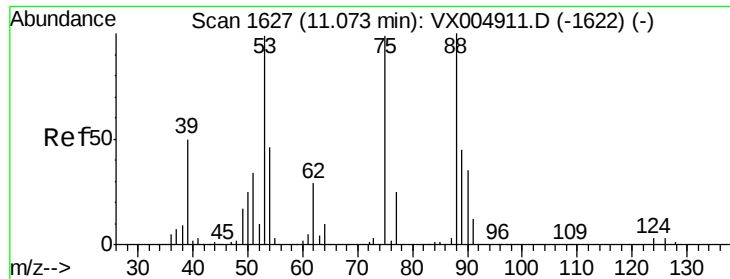
Tgt Ion: 105 Resp: 2634273

Ion Ratio Lower Upper

105 100

120 49.0 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 248.918 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX004914.D

Acq: 02 Oct 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC200

Tot Ion: 75 Resp: 407349

Ion Ratio Lower Upper

75 100

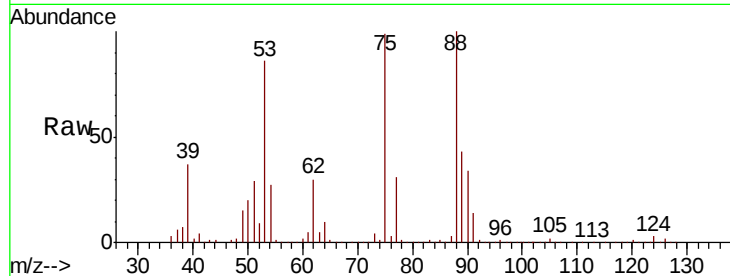
53 87.2 50.3 150.9

89 44.0 22.6 67.8

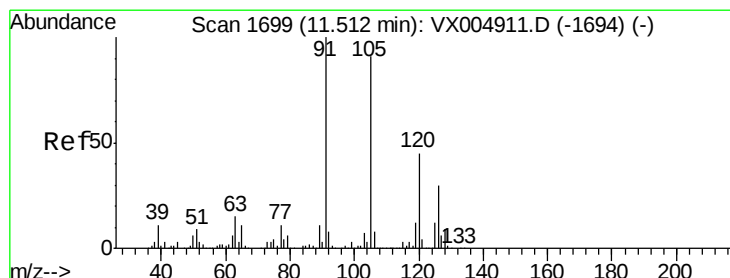
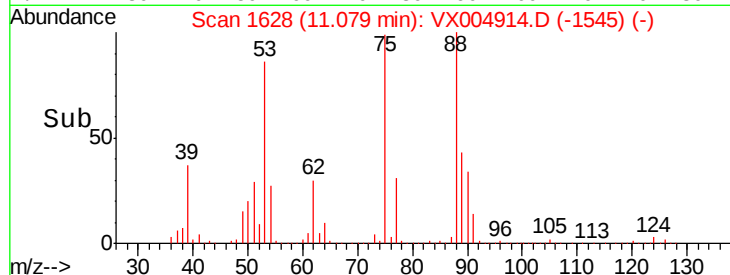
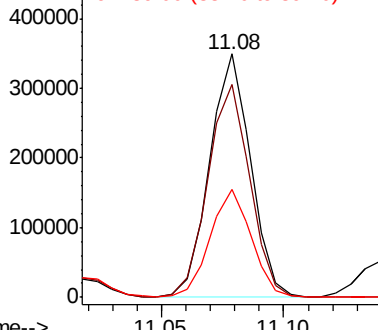
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Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 208.169 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004914.D

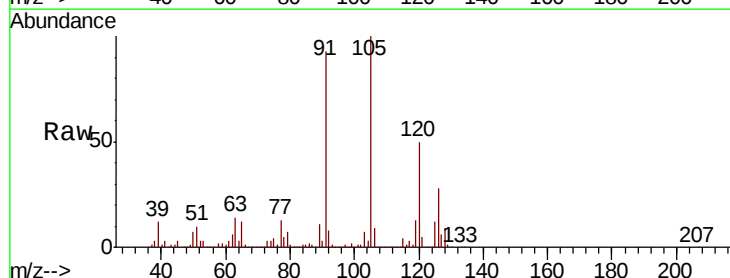
Acq: 02 Oct 2018 11:51

Tgt Ion: 91 Resp: 2554018

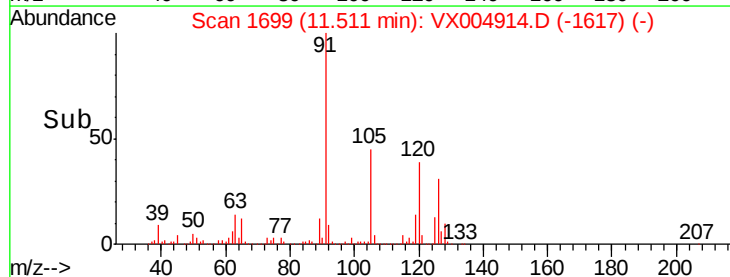
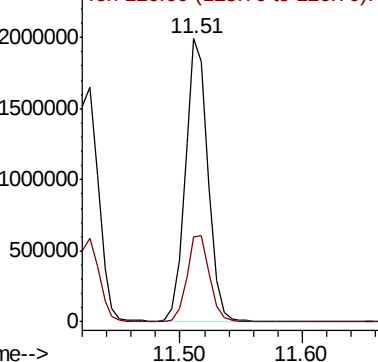
Ion Ratio Lower Upper

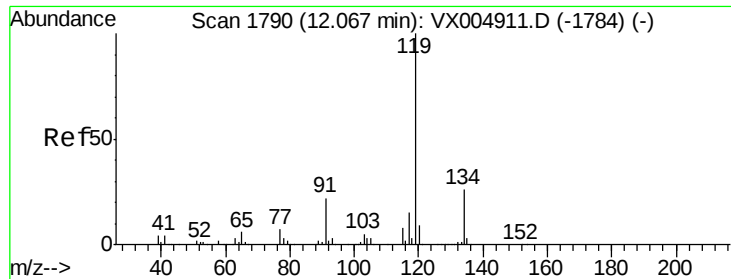
91 100

126 30.8 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





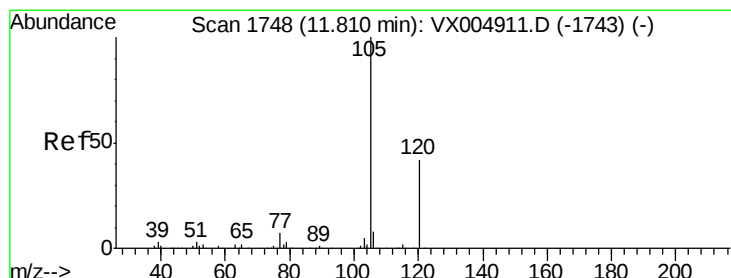
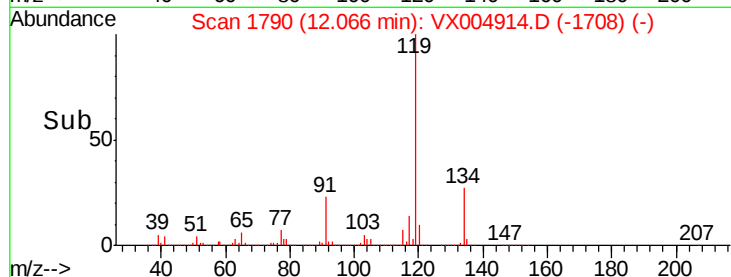
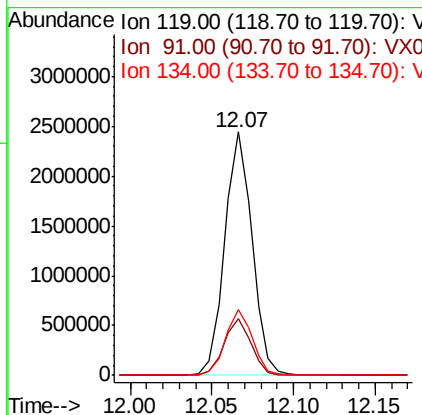
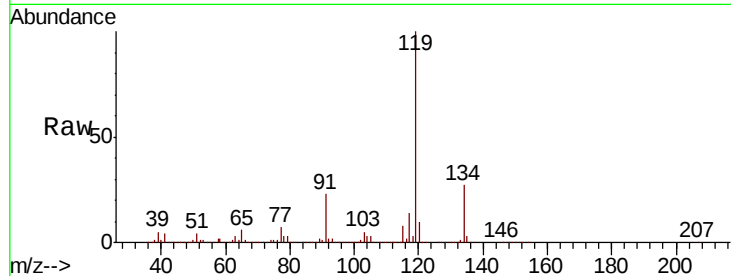
#79
tert-butylbenzene
Concen: 210.584 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tot Ion	Ratio	Lower	Upper
119	100		
91	23.0	0.0	45.8
134	26.7	0.0	52.8

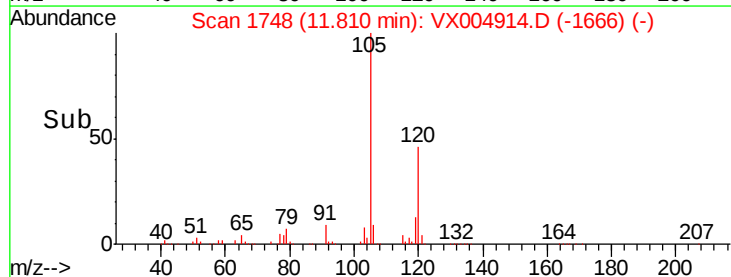
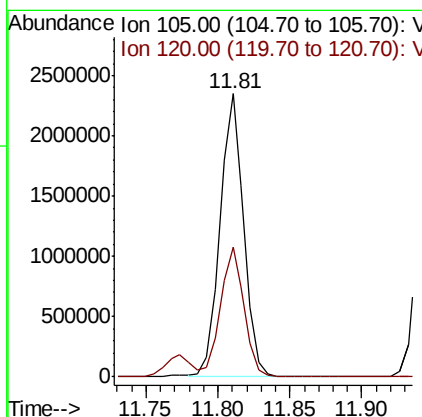
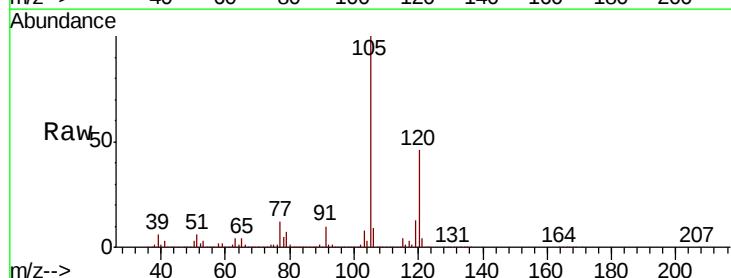
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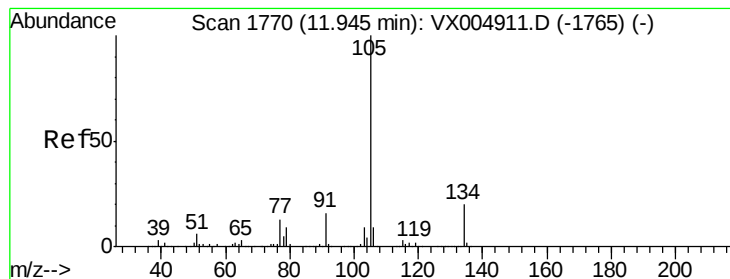
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 209.017 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	0.0	90.6





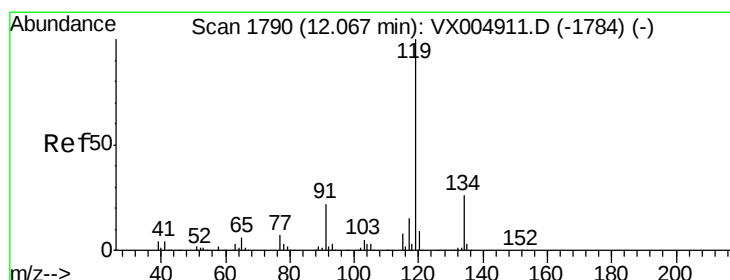
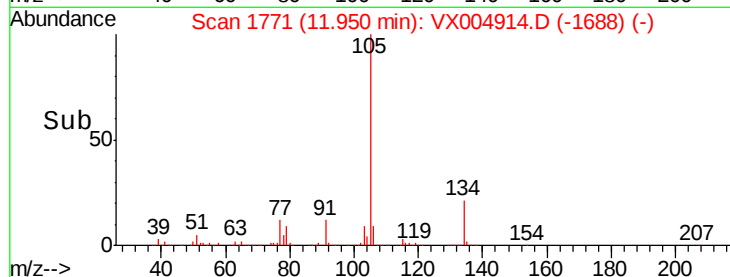
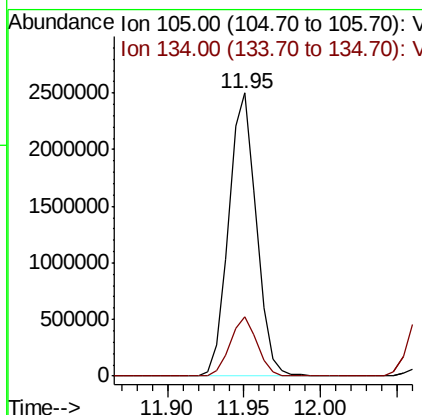
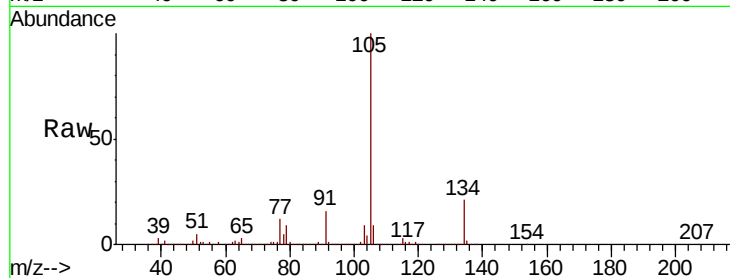
#81
 sec-Butylbenzene
 Concen: 208.711 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC200

Tot Ion:105 Resp: 3126828
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.4

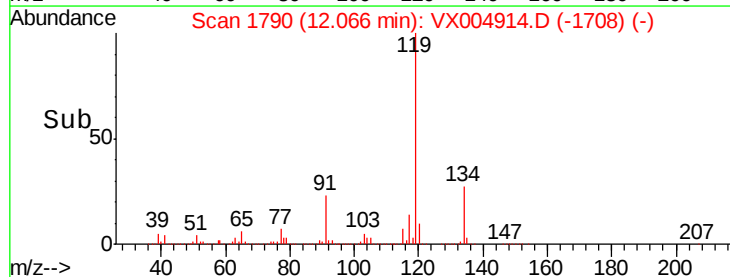
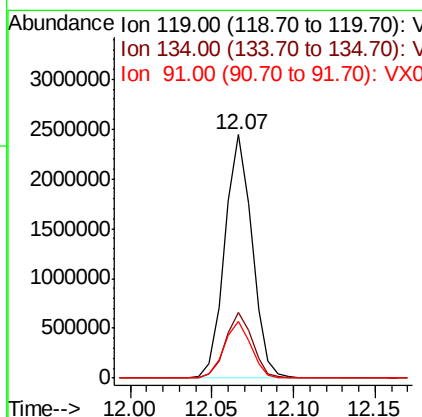
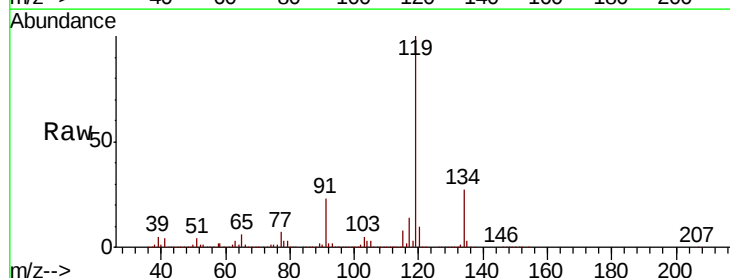
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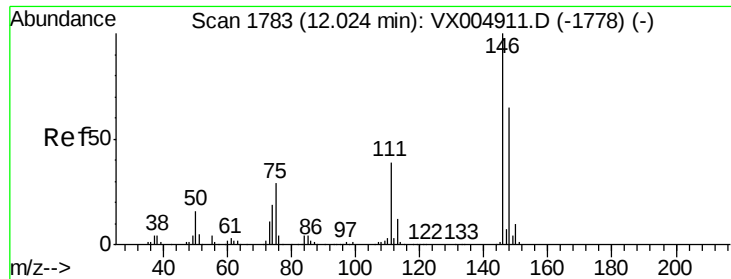
MMDadoda
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#82
 p-Isopropyltoluene
 Concen: 210.584 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion:119 Resp: 2836442
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.8
 91 23.0 0.0 45.8





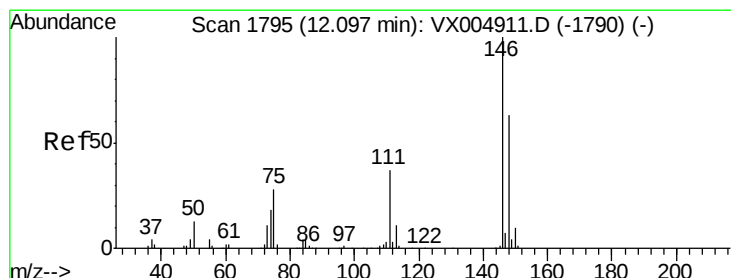
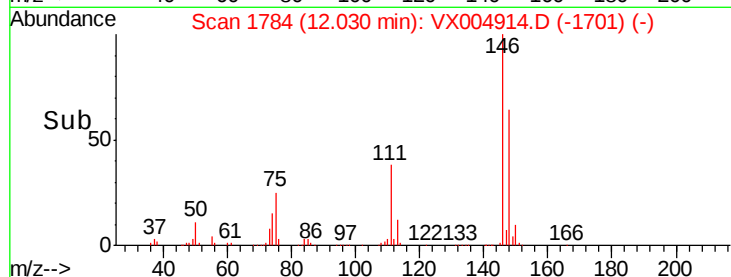
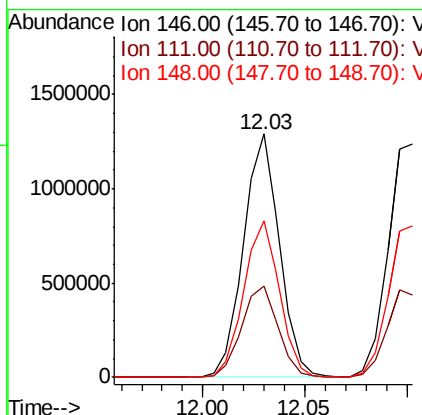
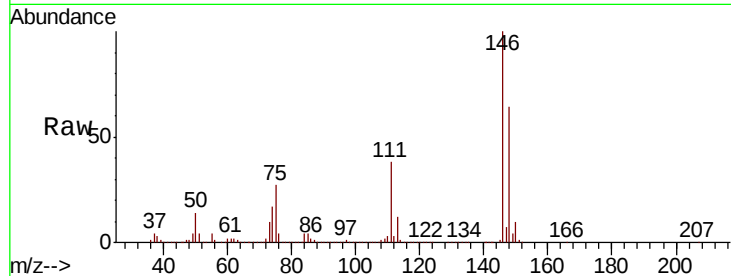
#83
 1,3-Dichlorobenzene
 Concen: 211.176 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.0	32.4	97.2

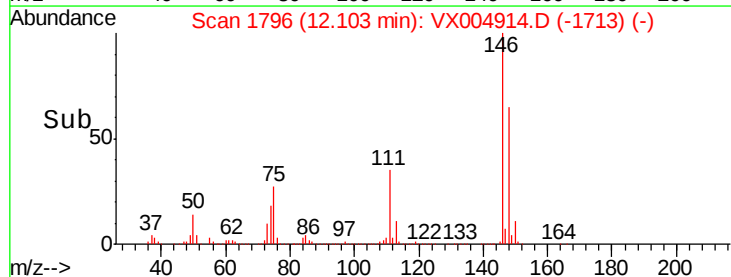
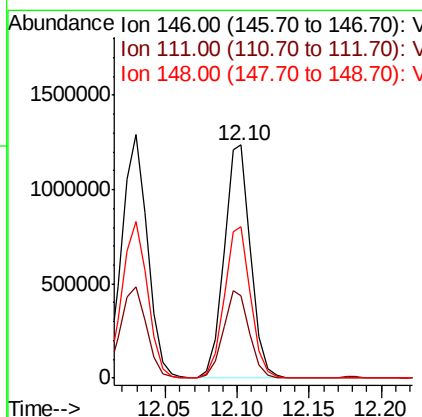
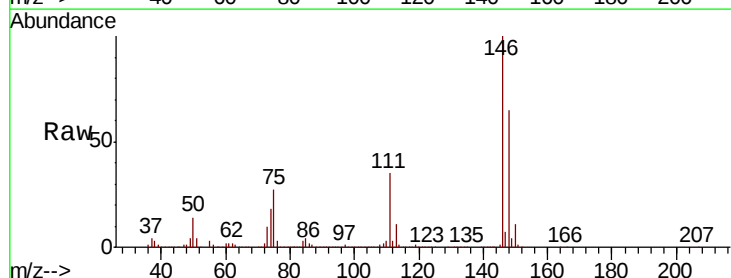
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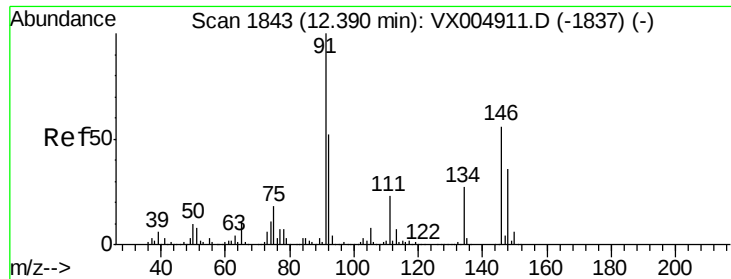
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#84
 1,4-Dichlorobenzene
 Concen: 210.640 ug/l
 RT: 12.10 min Scan# 1796
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.4
148	64.4	31.9	95.7





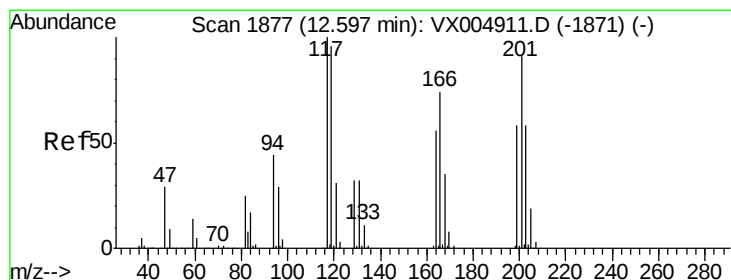
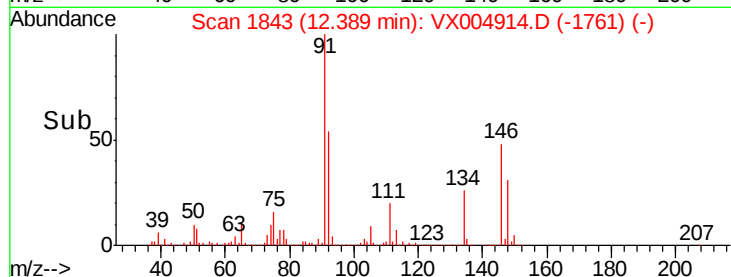
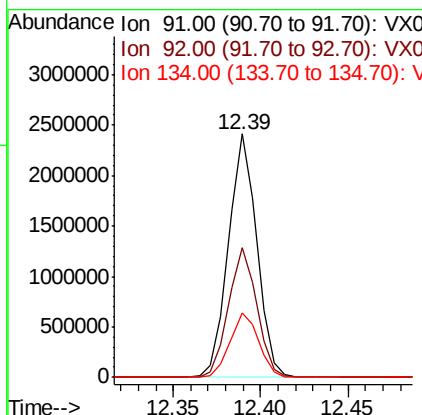
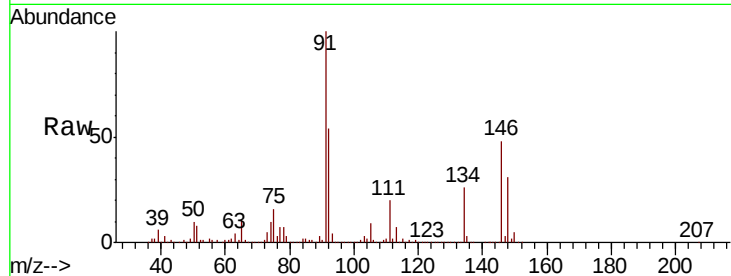
#85
n-Butylbenzene
Concen: 222.130 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tot Ion: 91 Resp: 2717488
Ion Ratio Lower Upper
91 100
92 53.2 0.0 103.6
134 26.8 0.0 52.2

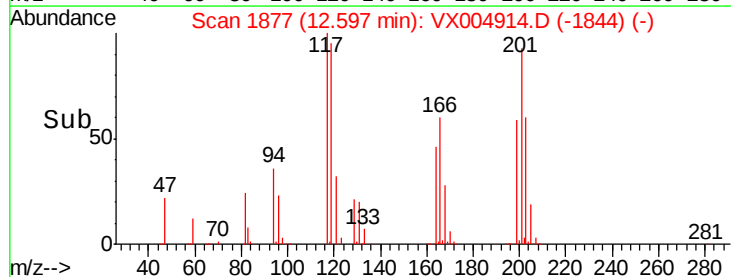
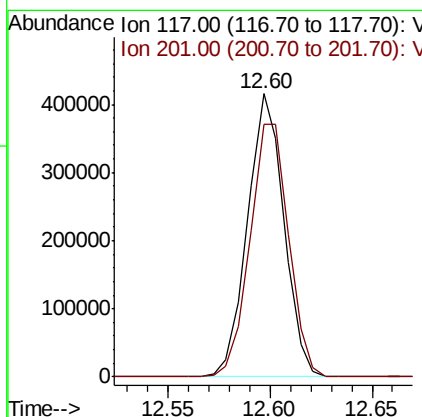
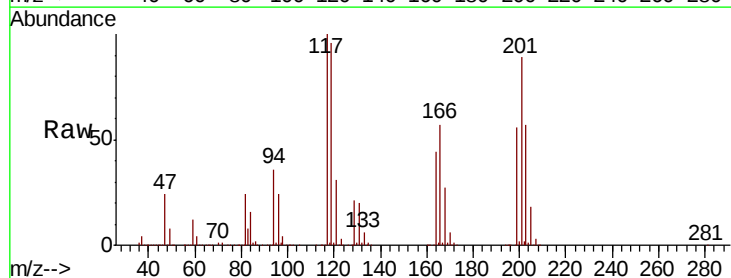
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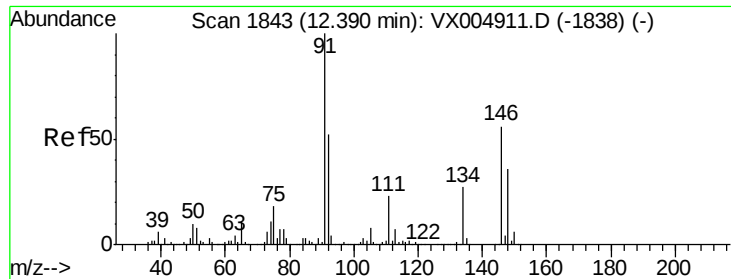
MMDadoda
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#86
Hexachloroethane
Concen: 232.609 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion: 117 Resp: 516081
Ion Ratio Lower Upper
117 100
201 95.2 47.1 141.4





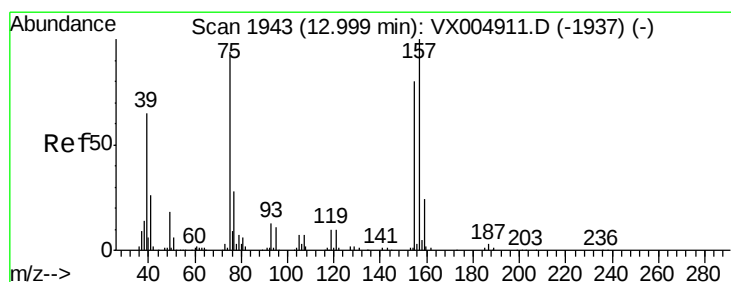
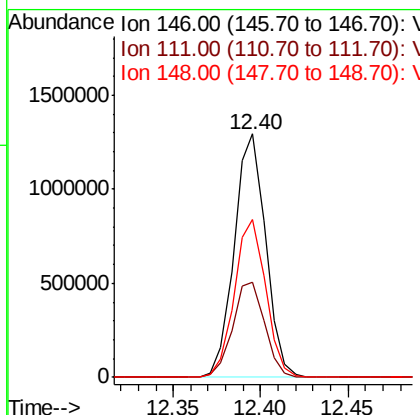
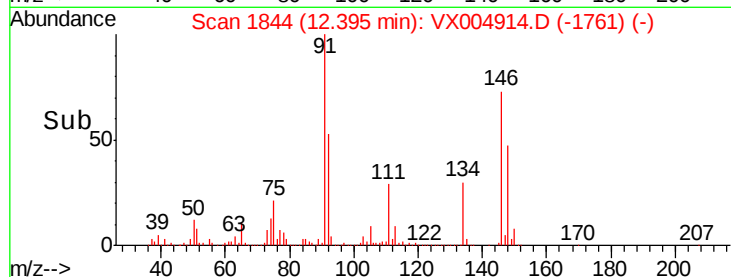
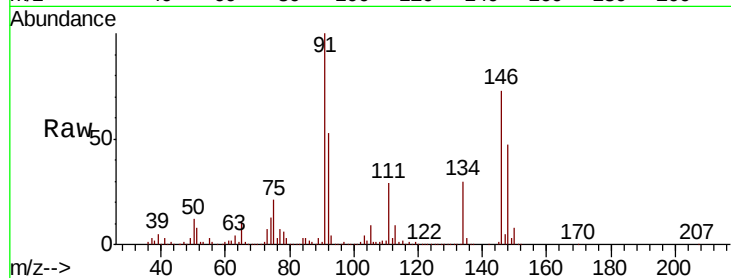
#87
 1,2-Dichlorobenzene
 Concen: 212.545 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

Tot Ion:146 Resp: 1615469
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.7
 148 64.6 31.9 95.9

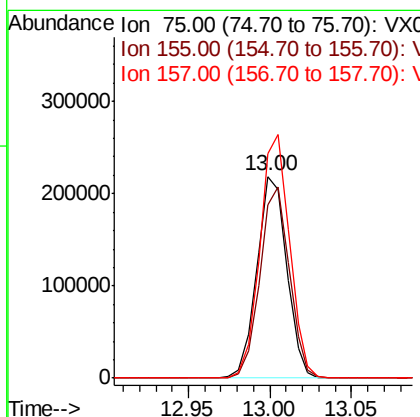
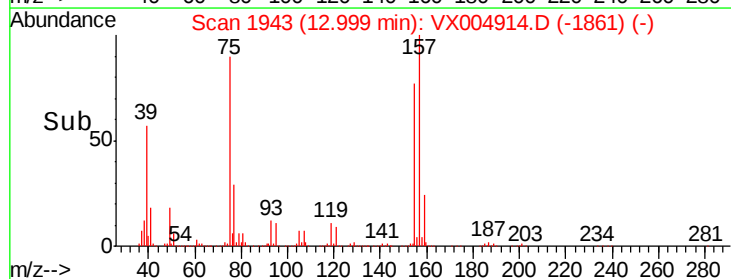
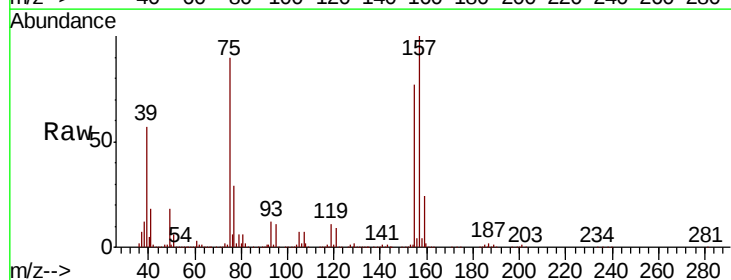
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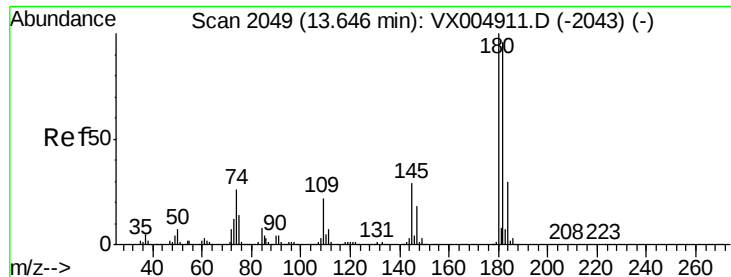
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 10/3/2018 4:23:26 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 221.266 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004914.D
 Acq: 02 Oct 2018 11:51

Tgt Ion: 75 Resp: 279349
 Ion Ratio Lower Upper
 75 100
 155 93.1 71.6 107.4
 157 119.7 91.3 136.9





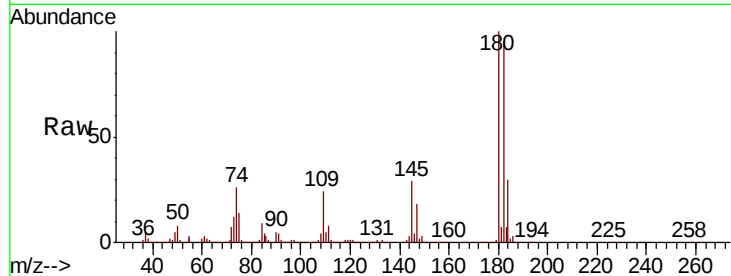
#89
1,2,4-Trichlorobenzene
Concen: 222.705 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampled :
VSTDICC200

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	28.4	22.6	33.8

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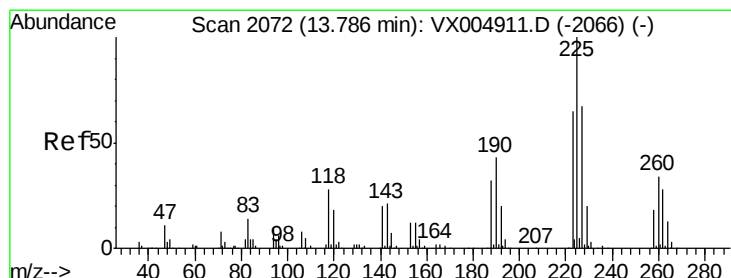
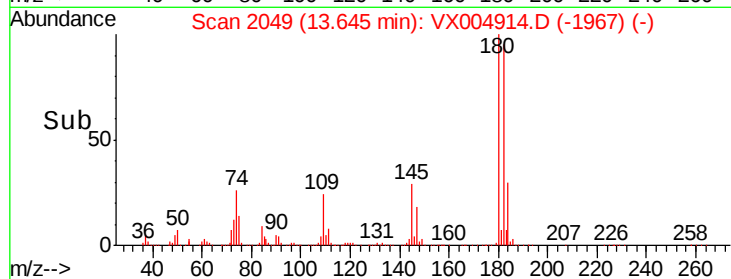
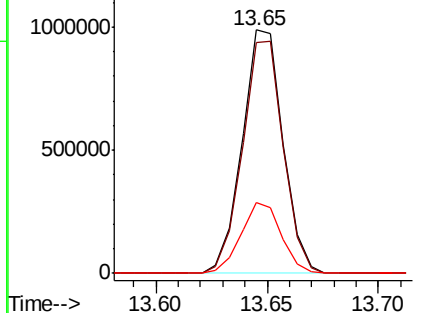


Abundance

Ion 180.00 (179.70 to 180.70): V

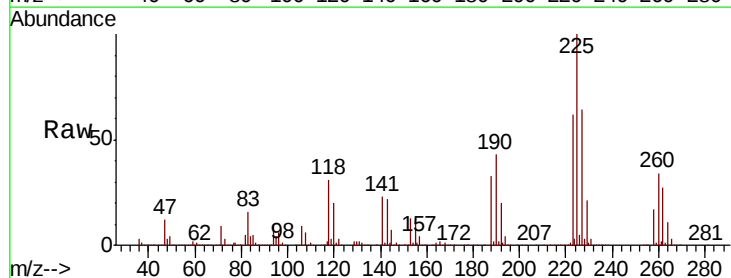
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
Hexachlorobutadiene
Concen: 212.540 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	0.0	126.6
227	63.9	0.0	129.6

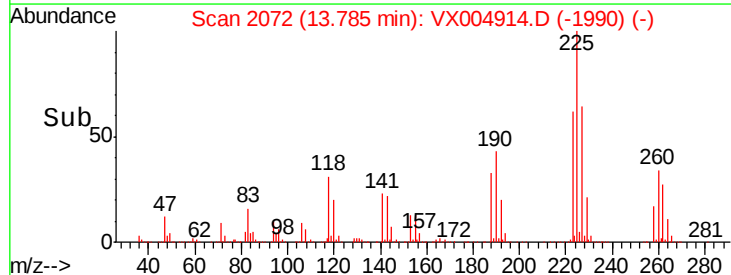
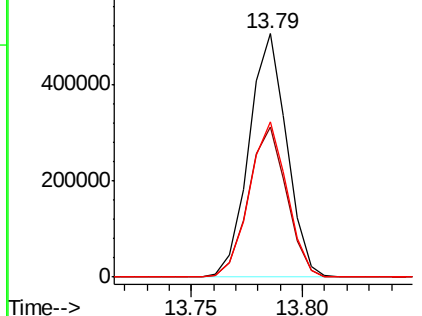


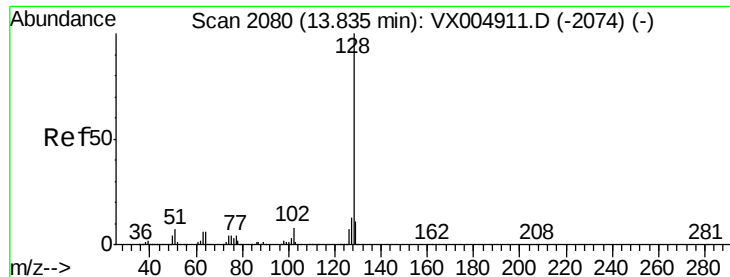
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





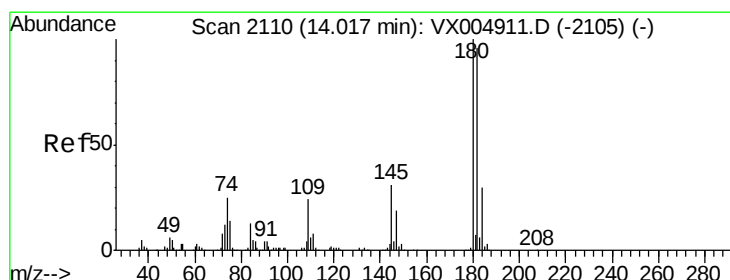
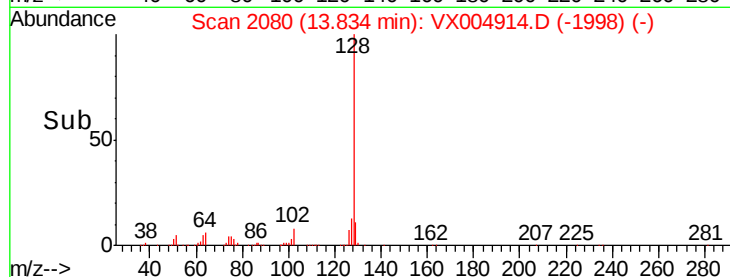
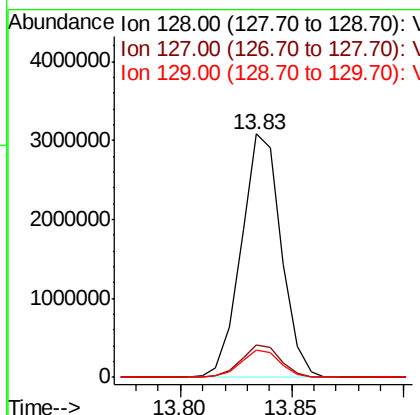
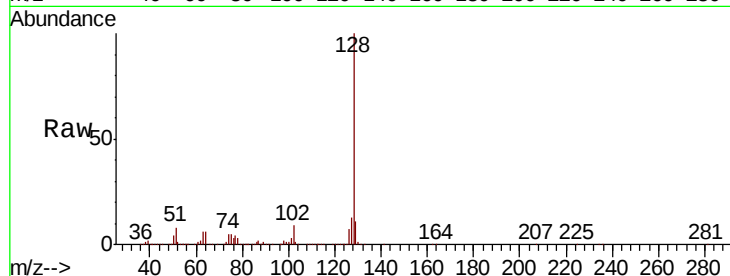
#91
Naphthalene
Concen: 218.501 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/3/2018 4:23:26 PM



#92
1,2,3-Trichlorobenzene
Concen: 214.513 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX004914.D
Acq: 02 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	0.0	192.2
145	30.0	0.0	60.4

