

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010354.D
 Acq On : 20 Jun 2019 12:49
 Operator : JC/SP
 Sample : VX0620WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 11:35:03 AM

Quant Time: Jun 21 01:39:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	335519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	479900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	432864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	150282	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	5.49	113	149730	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	8.71	98	572507	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	201551	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47482	20.356	ug/l	99
3) Chloromethane	1.32	50	53281	19.616	ug/l	99
4) Vinyl Chloride	1.40	62	56655	19.043	ug/l	97
5) Bromomethane	1.64	94	30854	21.288	ug/l	100
6) Chloroethane	1.72	64	34093	19.424	ug/l	100
7) Trichlorofluoromethane	1.93	101	94977	20.139	ug/l	99
8) Diethyl Ether	2.18	74	34055	20.136	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57938	20.272	ug/l	99
10) Methyl Iodide	2.51	142	76288	18.704	ug/l	99
11) Tert butyl alcohol	3.04	59	80683	98.016	ug/l	100
12) 1,1-Dichloroethene	2.37	96	57378	19.730	ug/l	98
13) Acrolein	2.29	56	45337	83.025	ug/l	99
14) Allyl chloride	2.73	41	82625	20.012	ug/l	99
15) Acrylonitrile	3.14	53	159458	97.841	ug/l	98
16) Acetone	2.44	43	152502	96.729	ug/l	98
17) Carbon Disulfide	2.57	76	151381	19.402	ug/l	100
18) Methyl Acetate	2.77	43	59859	19.050	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	182874	19.989	ug/l	99
20) Methylene Chloride	2.85	84	64580	19.904	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	62303	19.919	ug/l	99
22) Diisopropyl ether	3.85	45	170996	19.809	ug/l	91
23) Vinyl Acetate	3.81	43	752998	100.972	ug/l	99
24) 1,1-Dichloroethane	3.70	63	98676	19.775	ug/l	98
25) 2-Butanone	4.67	43	223951	96.837	ug/l	97
26) 2,2-Dichloropropane	4.58	77	88685	20.460	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	71091	19.669	ug/l	99
28) Bromochloromethane	5.01	49	38273	16.042	ug/l	100
29) Tetrahydrofuran	5.12	42	136359	95.191	ug/l	99
30) Chloroform	5.21	83	105761	19.699	ug/l	99
31) Cyclohexane	5.57	56	92607	20.380	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	95778	20.204	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77999	20.453	ug/l	100
37) Ethyl Acetate	4.82	43	80196	20.441	ug/l	100
38) Carbon Tetrachloride	5.78	117	87524	21.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107755	21.496	ug/l	98
40) Benzene	6.13	78	248832	20.944	ug/l	100
41) Methacrylonitrile	5.04	41	42607	19.793	ug/l	99
42) 1,2-Dichloroethane	6.19	62	76317	21.102	ug/l	99
43) Isopropyl Acetate	6.44	43	132826	20.463	ug/l	99
44) Trichloroethene	7.21	130	75574	21.258	ug/l	95
45) 1,2-Dichloropropane	7.51	63	62481	20.825	ug/l	98
46) Dibromomethane	7.66	93	43869	20.379	ug/l	100
47) Bromodichloromethane	7.90	83	81965	20.777	ug/l	99
48) Methyl methacrylate	7.76	41	61399	20.351	ug/l	98
49) 1,4-Dioxane	7.73	88	37159	427.538	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	423700	102.064	ug/l	100
52) Toluene	8.78	92	164403	21.012	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	92052	20.813	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	99911	20.787	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	65569	20.320	ug/l	98
56) Ethyl methacrylate	9.18	69	99946	20.446	ug/l	99
57) 1,3-Dichloropropane	9.37	76	101845	20.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	246201	106.051	ug/l	99
59) 2-Hexanone	9.49	43	326066	99.798	ug/l	100
60) Dibromochloromethane	9.58	129	73245	20.273	ug/l	100
61) 1,2-Dibromoethane	9.67	107	70458	20.229	ug/l	99
64) Tetrachloroethene	9.34	164	74414	21.254	ug/l	94
65) Chlorobenzene	10.13	112	182122	20.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	66596	20.805	ug/l	98
67) Ethyl Benzene	10.25	91	308273	20.779	ug/l	99
68) m/p-Xylenes	10.35	106	243050	42.280	ug/l	98
69) o-Xylene	10.69	106	117829	20.843	ug/l	97
70) Styrene	10.71	104	198630	20.951	ug/l	100
71) Bromoform	10.85	173	58697	21.086	ug/l #	100
73) Isopropylbenzene	11.02	105	315711	20.834	ug/l	99
74) N-amyl acetate	10.90	43	116000	20.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	100932	20.112	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	85261m	20.930	ug/l	
77) Bromobenzene	11.25	156	85028	20.095	ug/l	99
78) n-propylbenzene	11.36	91	350107	21.022	ug/l	100
79) 2-Chlorotoluene	11.42	91	200701	20.238	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	260414	20.846	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34587	19.808	ug/l	99
82) 4-Chlorotoluene	11.51	91	234145	20.749	ug/l	98
83) tert-Butylbenzene	11.77	119	261850	20.884	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	263964	21.032	ug/l	98
85) sec-Butylbenzene	11.94	105	312125	21.202	ug/l	100
86) p-Isopropyltoluene	12.06	119	292457	21.477	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	154440	20.910	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	152937	20.339	ug/l	100
89) n-Butylbenzene	12.38	91	248081	21.440	ug/l	100
90) Hexachloroethane	12.59	117	48466	20.584	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	150755	20.537	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20657	19.092	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110118	21.631	ug/l	99
94) Hexachlorobutadiene	13.78	225	54024	21.714	ug/l	99
95) Naphthalene	13.83	128	327385	20.927	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108033	21.344	ug/l	99

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

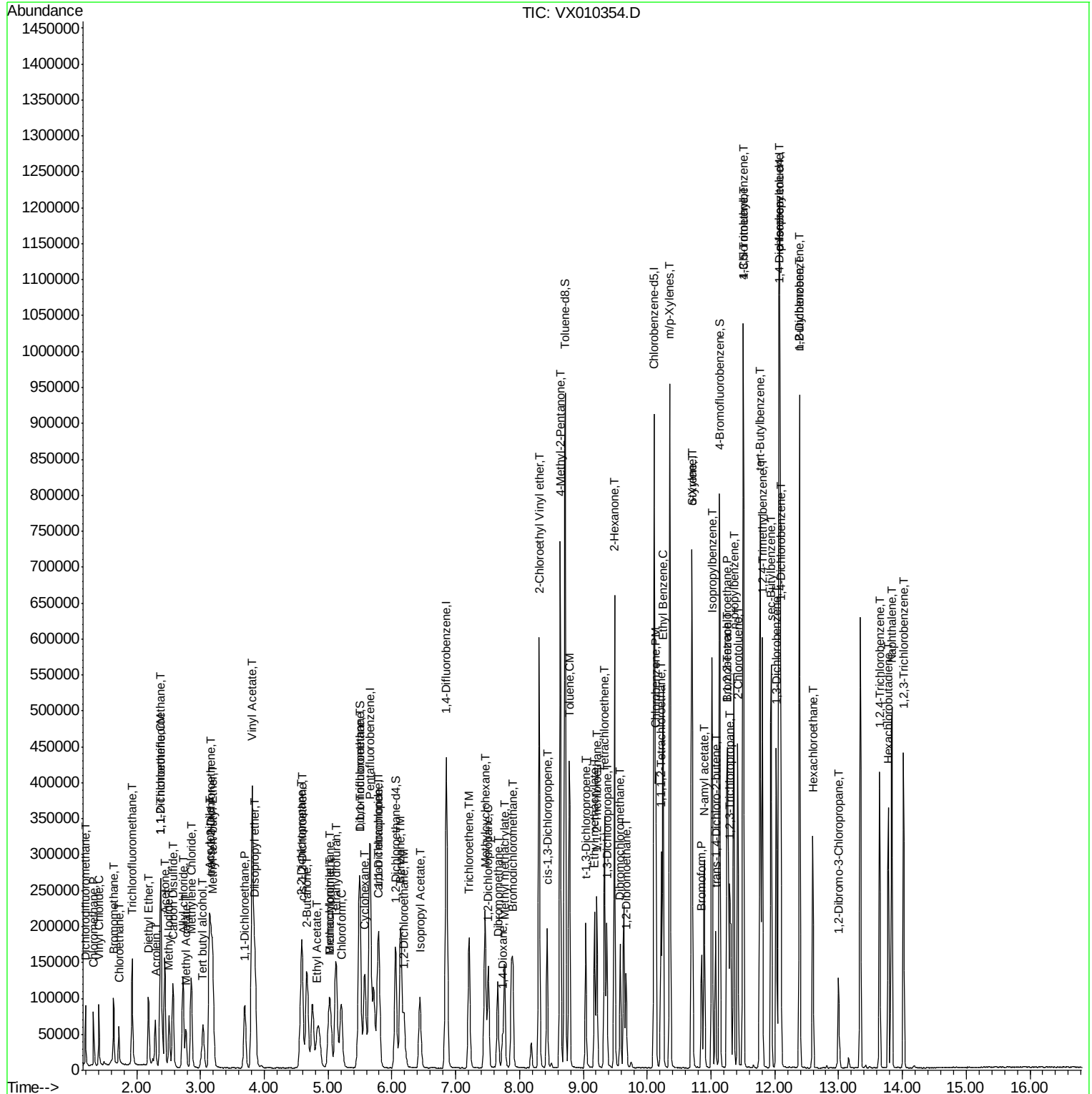
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062019\
Data File : VX010354.D
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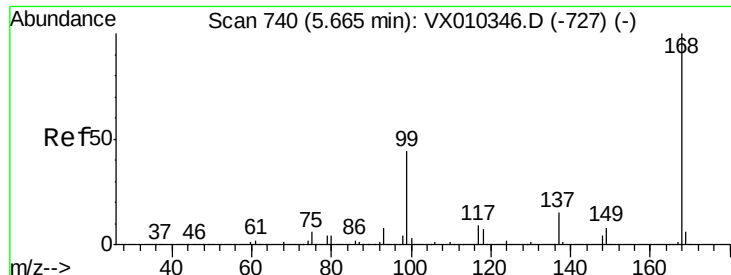
Instrument :
MSVOA_X
Client Sampled :
VX0620WBSD01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampled :

VX0620WBSD01

Tot Ion:168 Resp: 33519

Ion Ratio Lower Upper

168 100

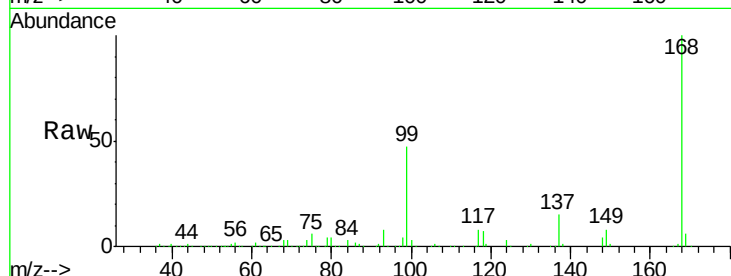
99 46.7 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

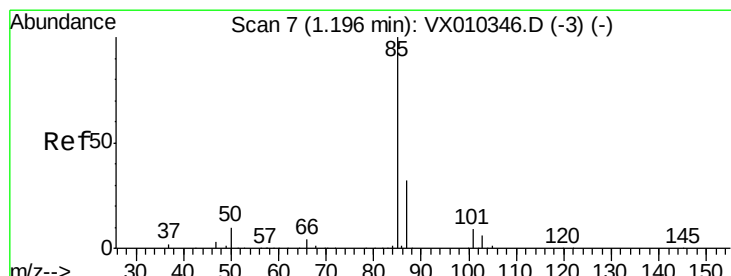
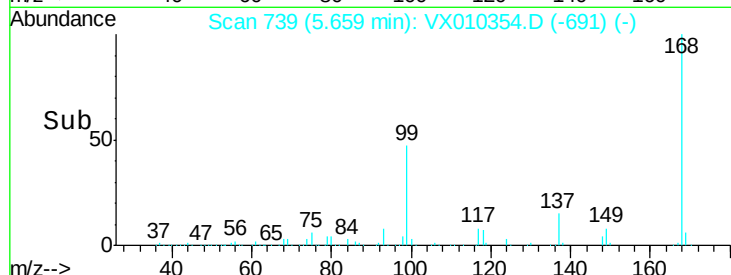
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.356 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010354.D

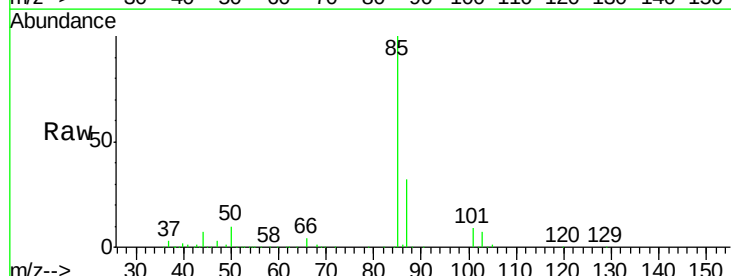
Acq: 20 Jun 2019 12:49

Tgt Ion: 85 Resp: 47482

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

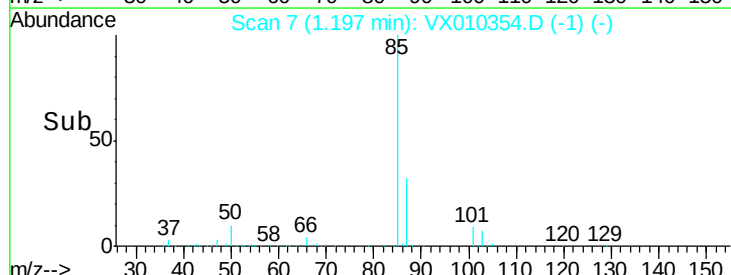
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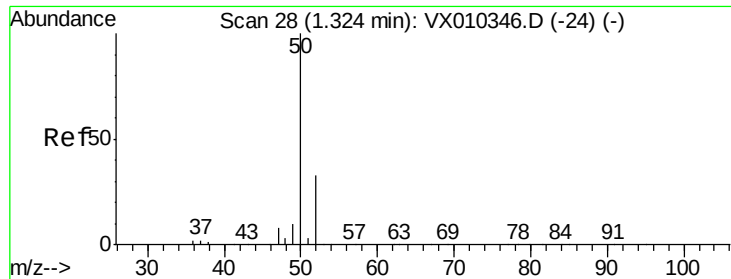
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.616 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 50 Resp: 53281

Ion Ratio Lower Upper

50 100

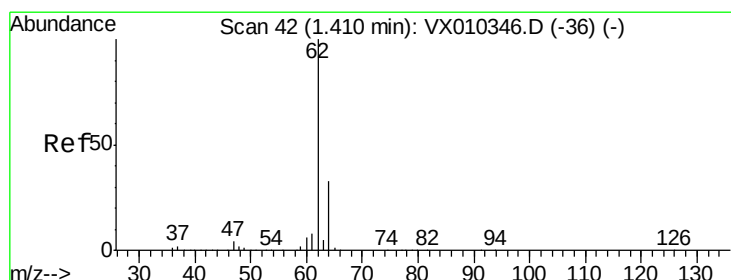
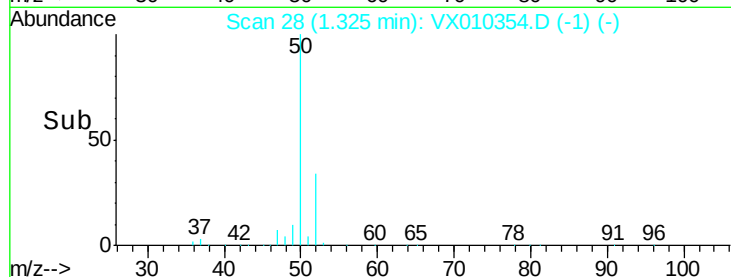
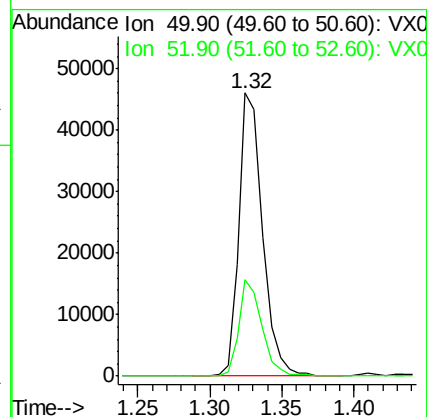
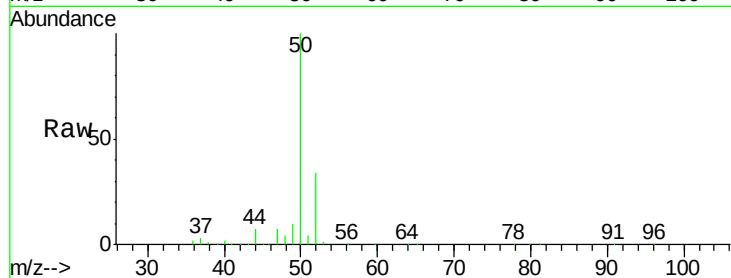
52 33.9 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.043 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010354.D

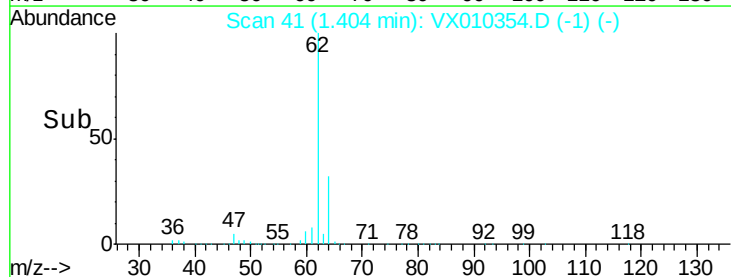
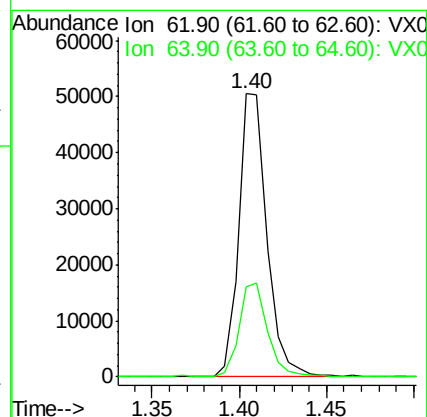
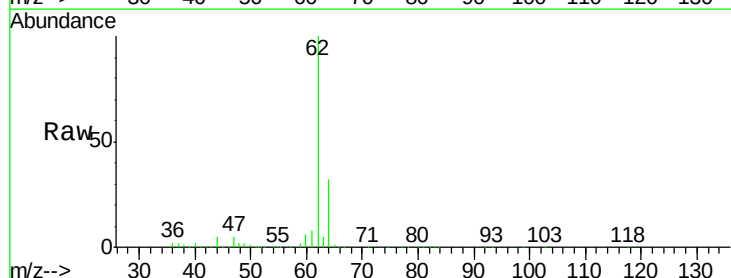
Acq: 20 Jun 2019 12:49

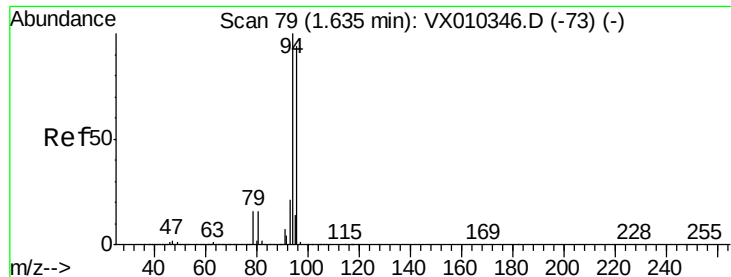
Tgt Ion: 62 Resp: 56655

Ion Ratio Lower Upper

62 100

64 31.3 26.2 39.4





#5

Bromomethane

Concen: 21.288 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 94 Resp: 30854

Ion Ratio Lower Upper

94 100

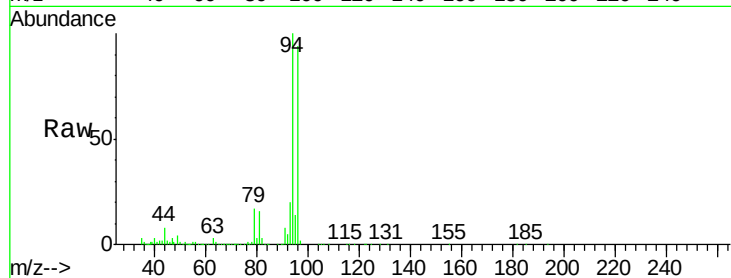
96 94.5 75.5 113.3

Manual Integrations

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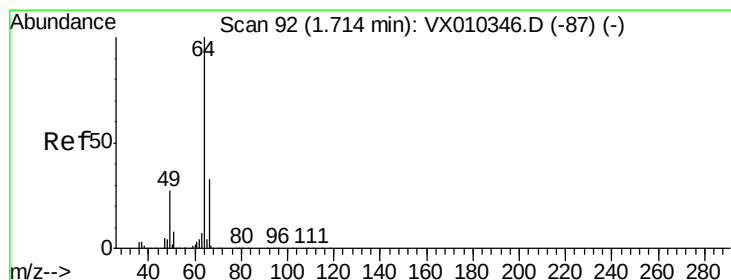
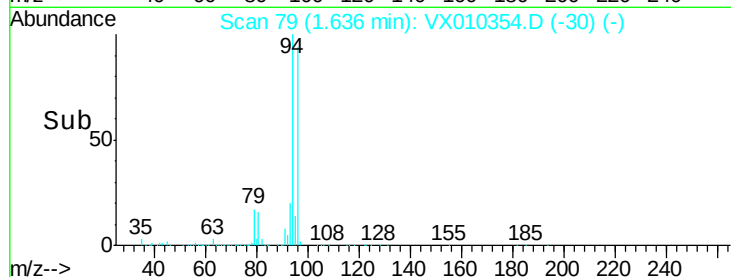
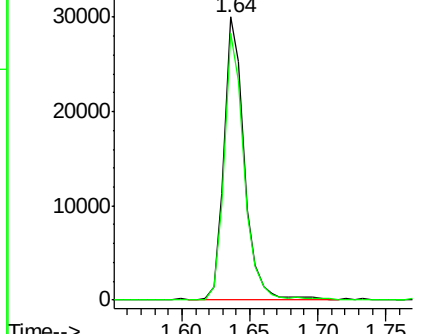
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.424 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010354.D

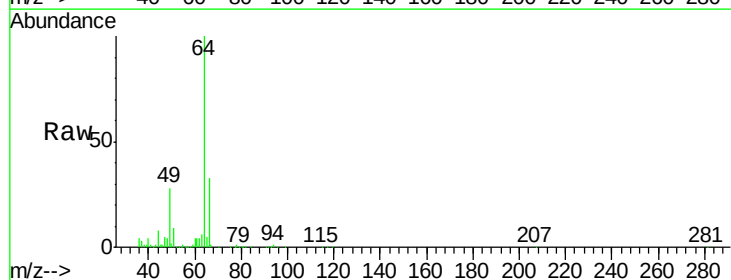
Acq: 20 Jun 2019 12:49

Tgt Ion: 64 Resp: 34093

Ion Ratio Lower Upper

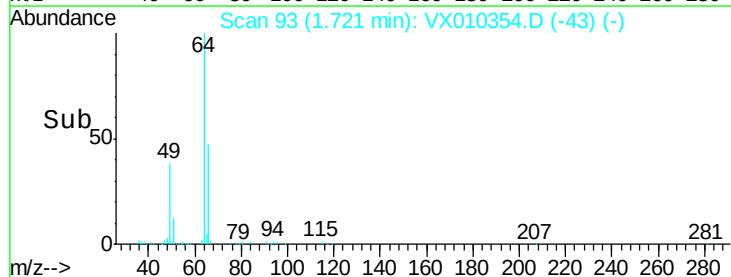
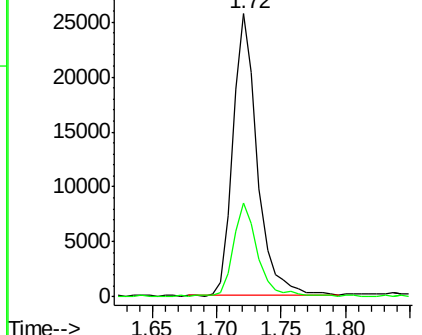
64 100

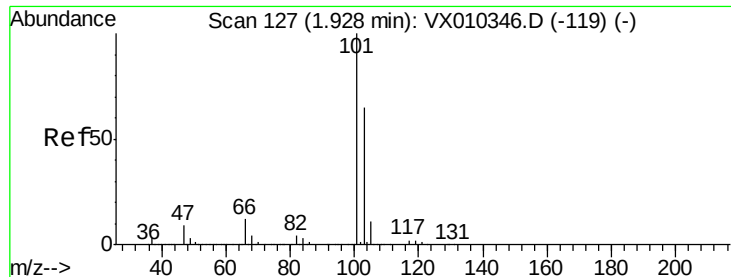
66 33.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

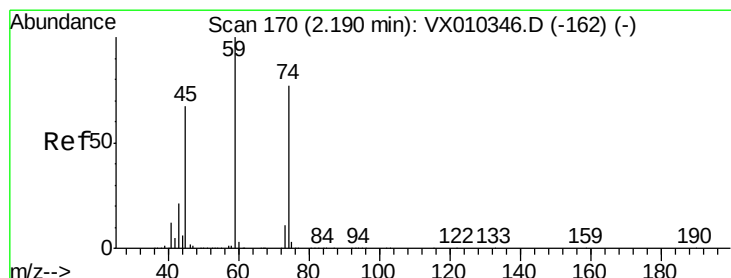
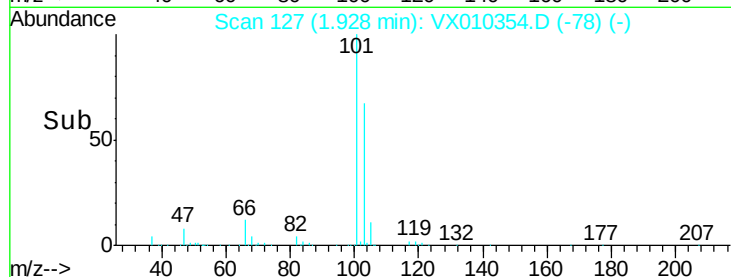
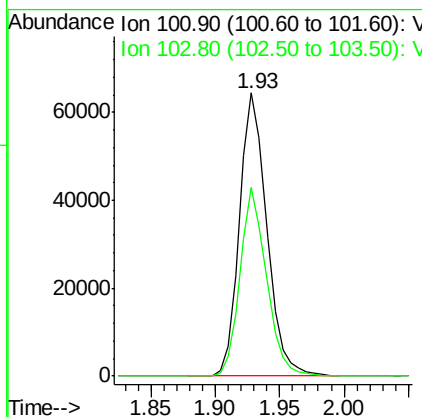
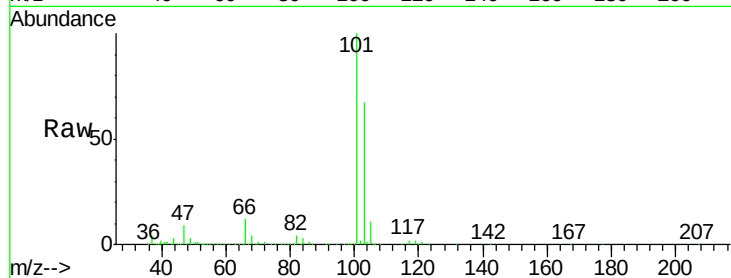
Trichlorofluoromethane
 Concen: 20.139 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.3	78.5

Manual Integrations
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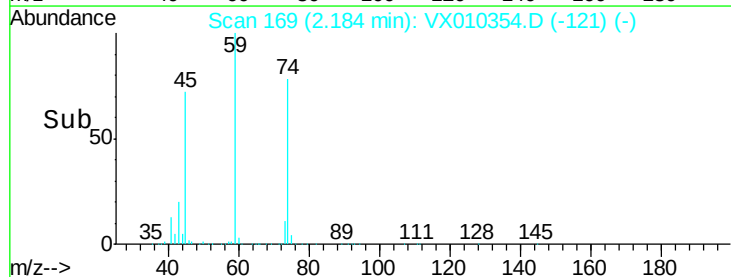
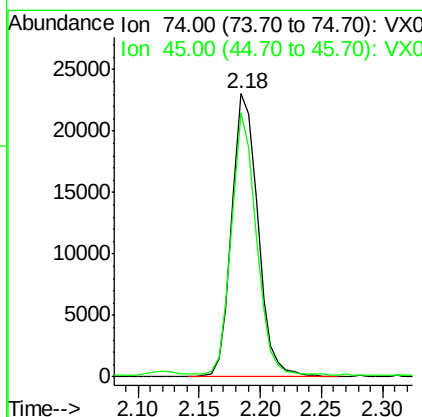
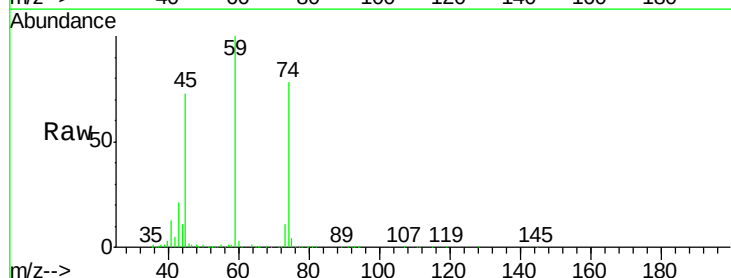
MMDadoda
 6/21/2019 11:35:03 AM

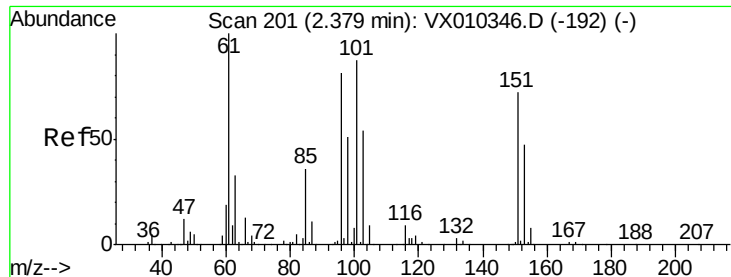


#8

Diethyl Ether
 Concen: 20.136 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010354.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.4	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.272 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

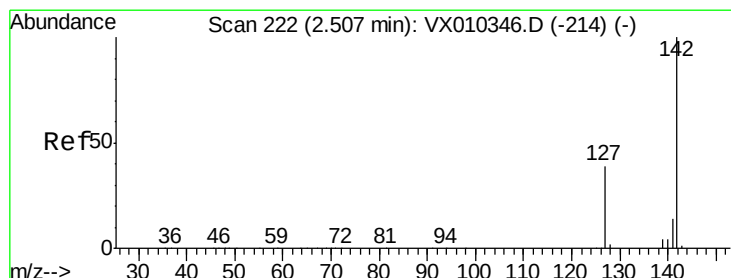
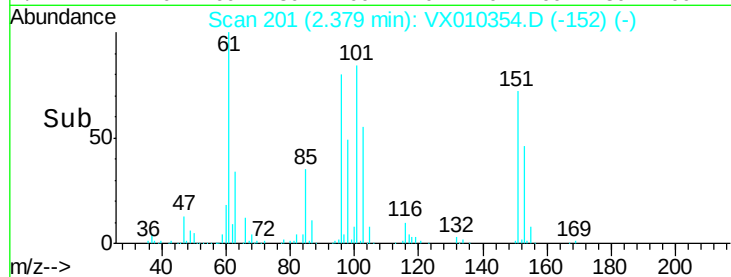
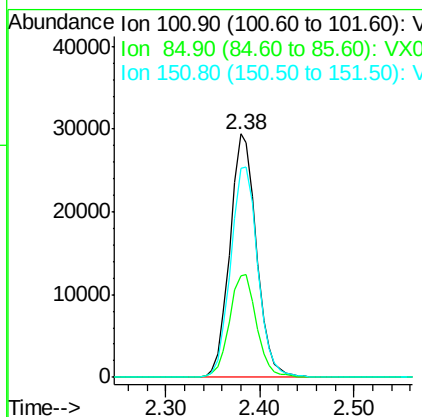
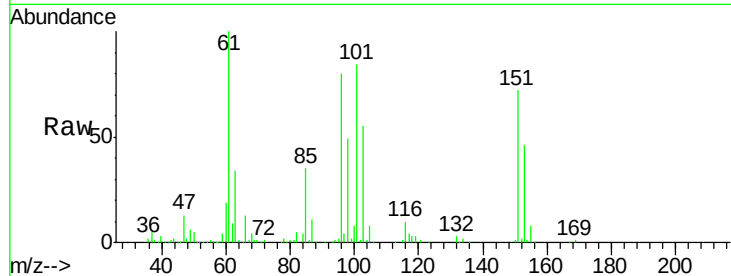
ClientSampleId :

VX0620WBSD01

Tot Ion:	101	Resp:	57938
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.7	50.5
151	88.4	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 18.704 ug/l

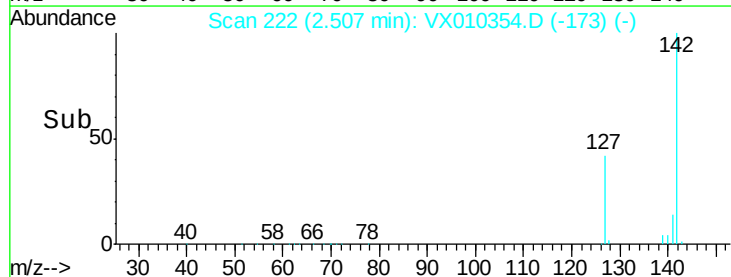
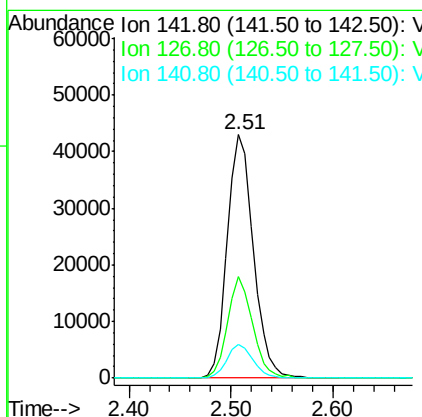
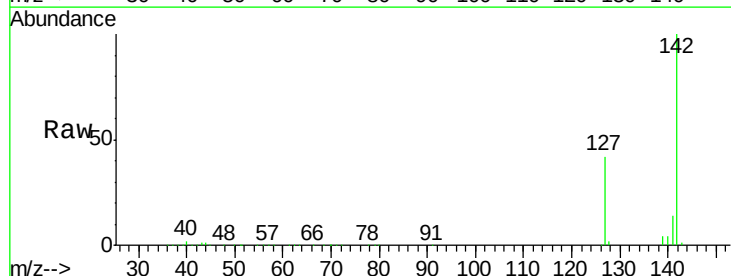
RT: 2.51 min Scan# 222

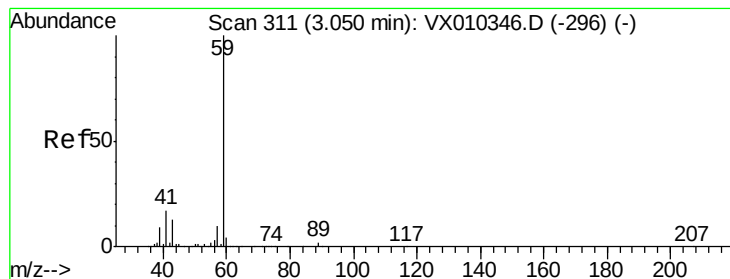
Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Tgt Ion:	142	Resp:	76288
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.1	46.7
141	14.0	11.2	16.8





#11

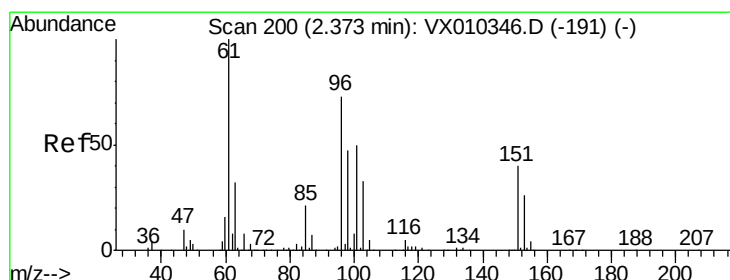
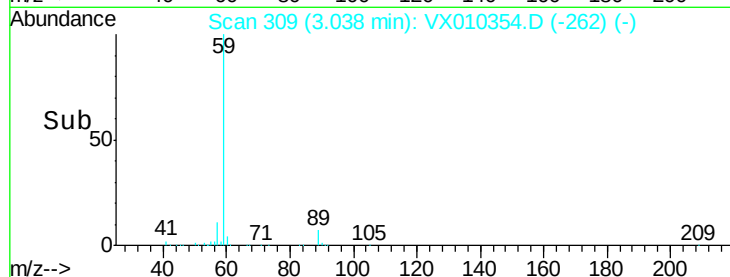
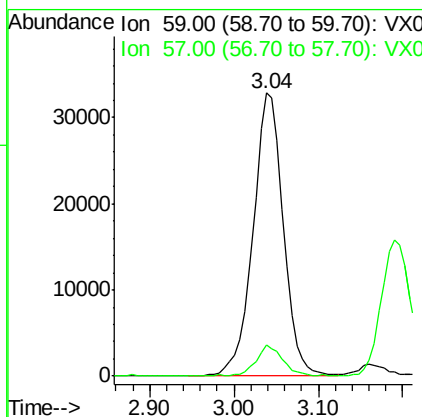
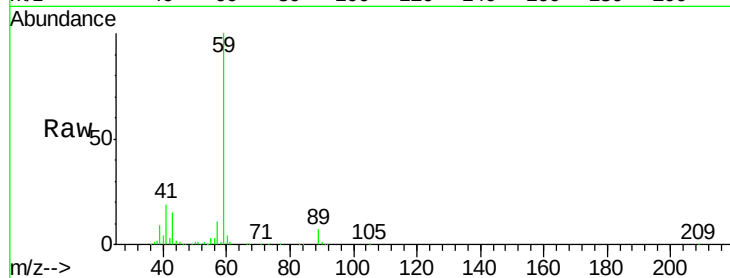
Tert butyl alcohol
Concen: 98.016 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampled :
VX0620WBSD01

Tot Ion	59	57	Ratio	100	9.7	Resp:	80683	Lower	7.7	Upper	11.5
Ion											

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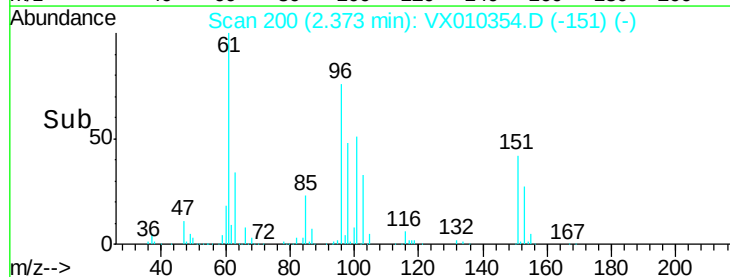
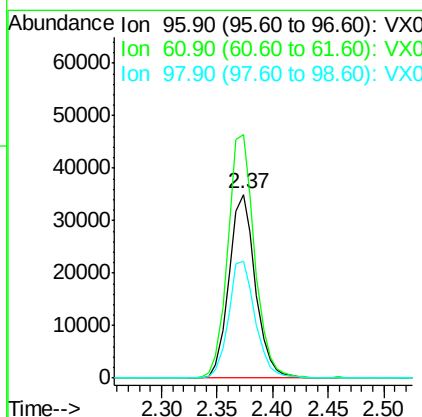
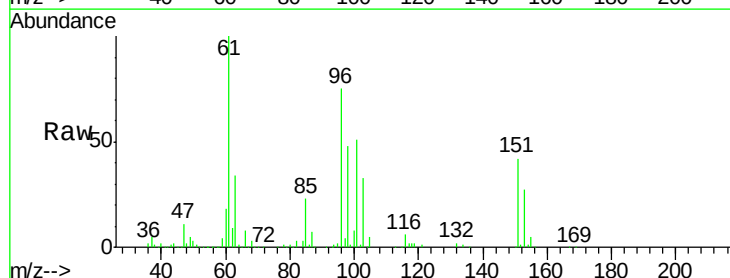
MMDadoda
6/21/2019 11:35:03 AM

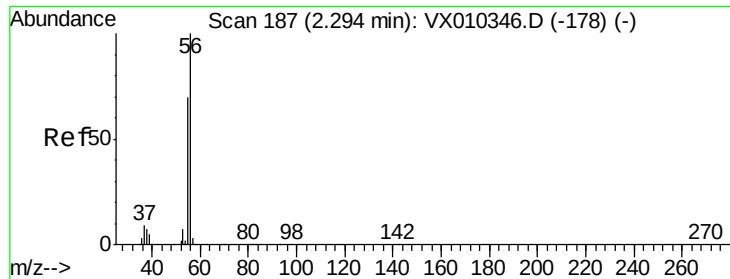


#12

1,1-Dichloroethene
Concen: 19.730 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	96	61	98	Ratio	100	132.5	63.6	Resp:	57378	Lower	109.2	51.1	Upper	163.8	76.7
Ion															





#13

Acrolein

Concen: 83.025 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 56 Resp: 45337

Ion Ratio Lower Upper

56 100

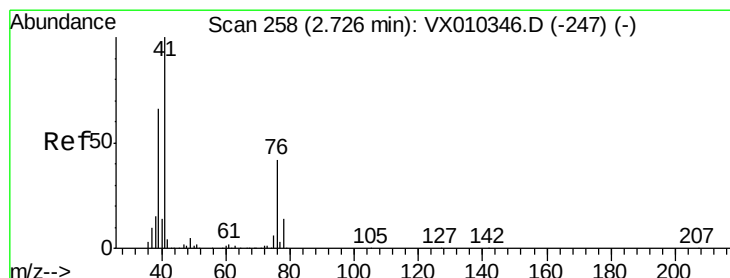
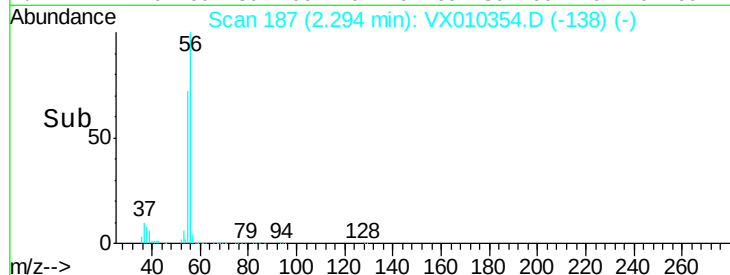
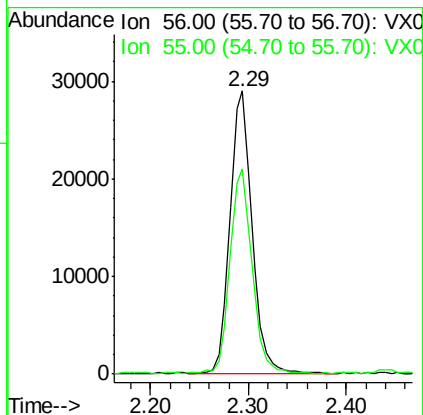
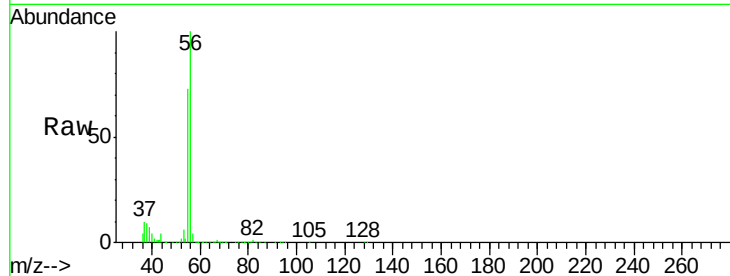
55 72.0 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 20.012 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

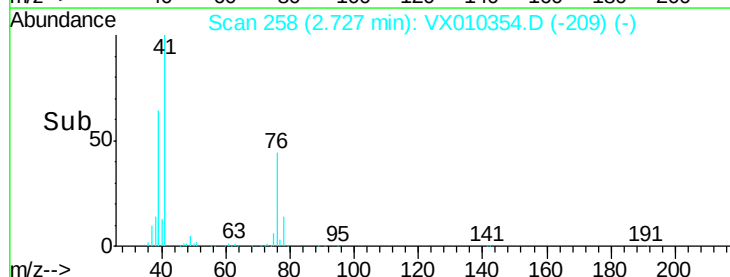
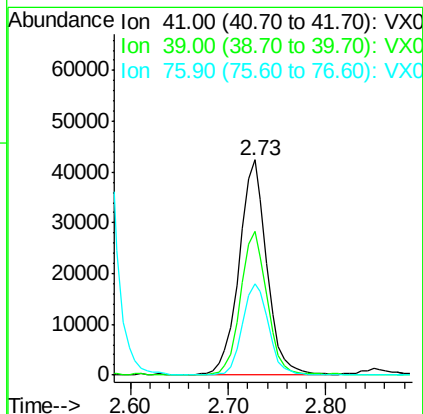
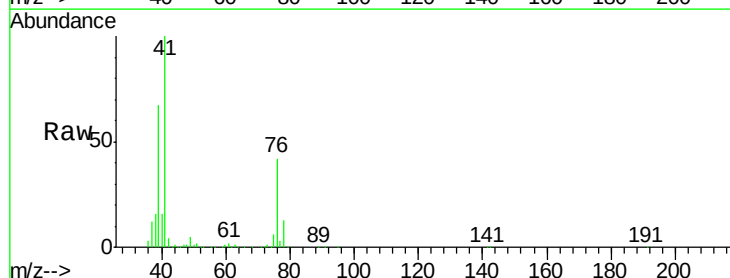
Tgt Ion: 41 Resp: 82625

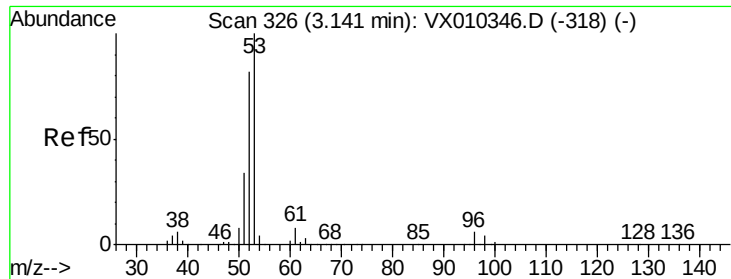
Ion Ratio Lower Upper

41 100

39 63.6 50.3 75.5

76 40.2 31.3 46.9





#15

Acrylonitrile

Concen: 97.841 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

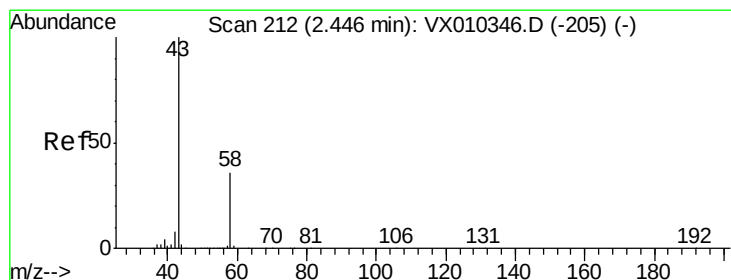
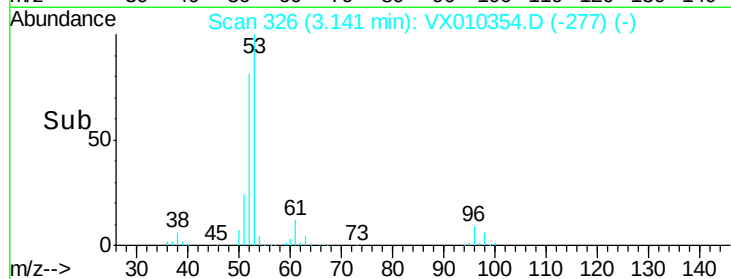
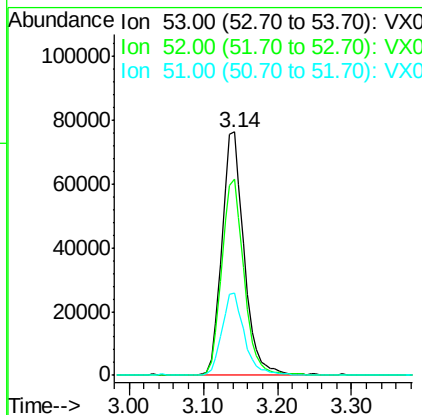
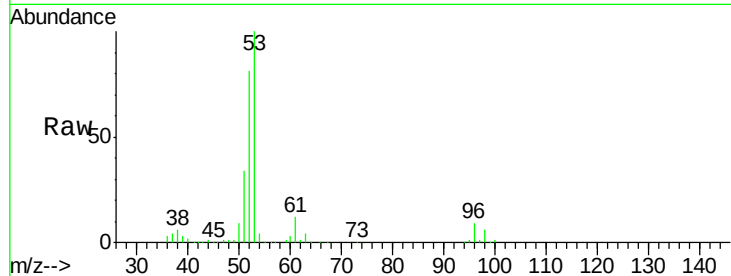
ClientSampleId :

VX0620WBSD01

Tot Ion:	53	Resp:	159458
Ion Ratio	Lower	Upper	
53	100		
52	80.5	65.5	98.3
51	34.0	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 96.729 ug/l

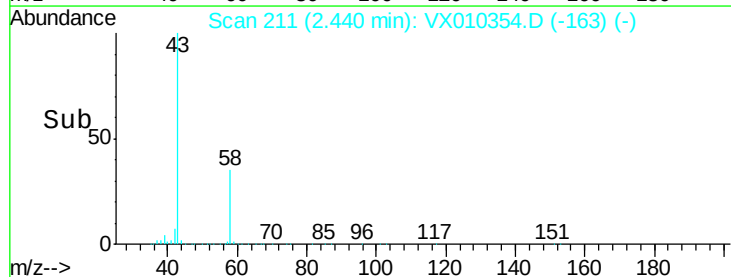
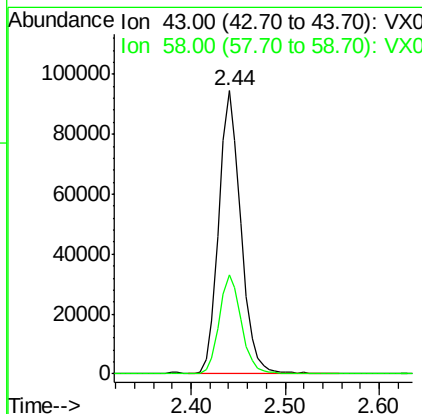
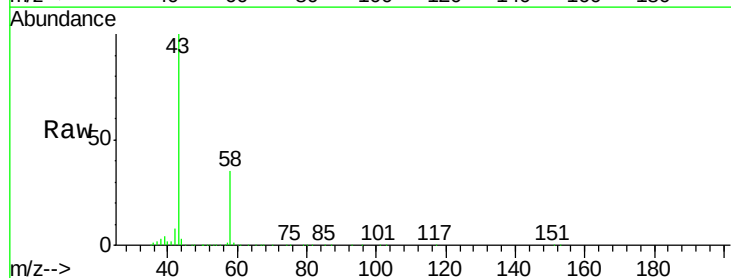
RT: 2.44 min Scan# 211

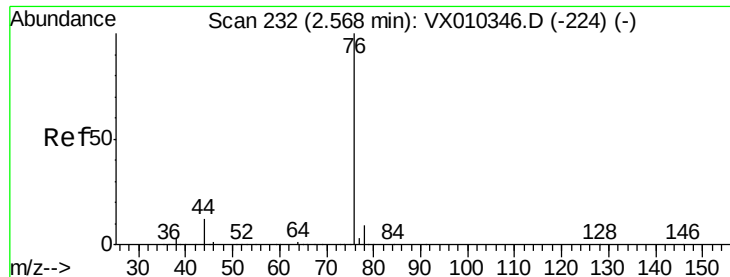
Delta R.T. -0.01 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Tgt Ion:	43	Resp:	152502
Ion Ratio	Lower	Upper	
43	100		
58	35.0	28.9	43.3





#17

Carbon Disulfide

Concen: 19.402 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 76 Resp: 151381

Ion Ratio Lower Upper

76 100

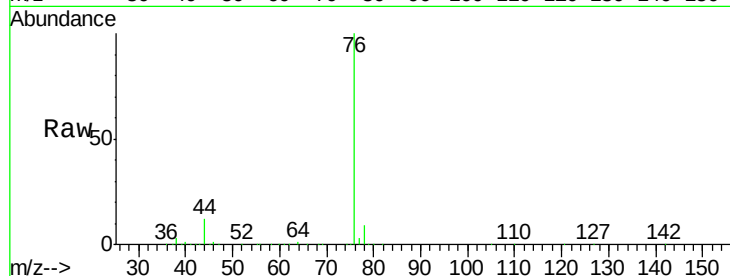
78 9.2 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

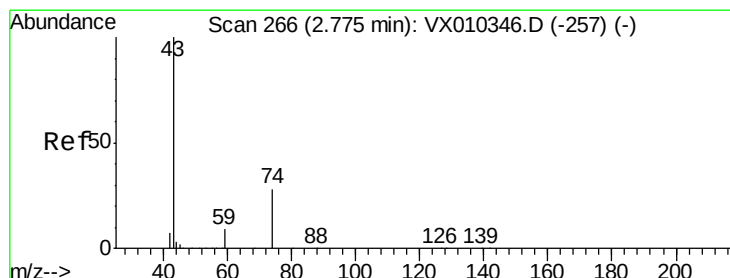
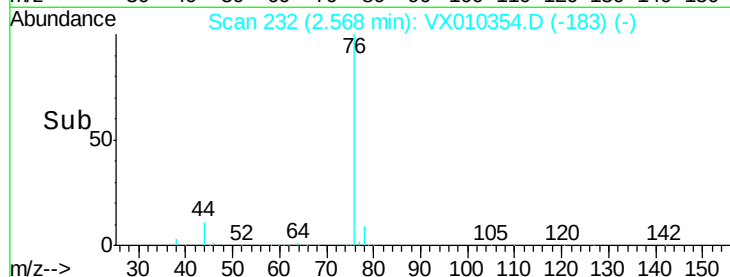
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 19.050 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010354.D

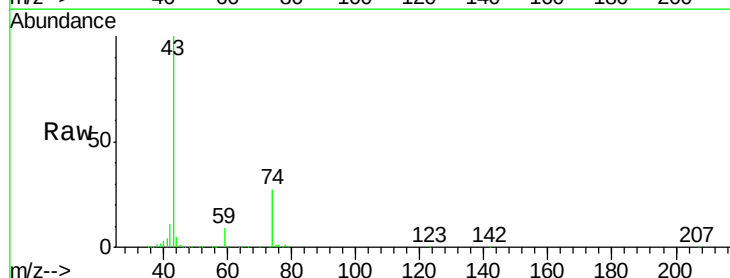
Acq: 20 Jun 2019 12:49

Tgt Ion: 43 Resp: 59859

Ion Ratio Lower Upper

43 100

74 28.8 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

40000

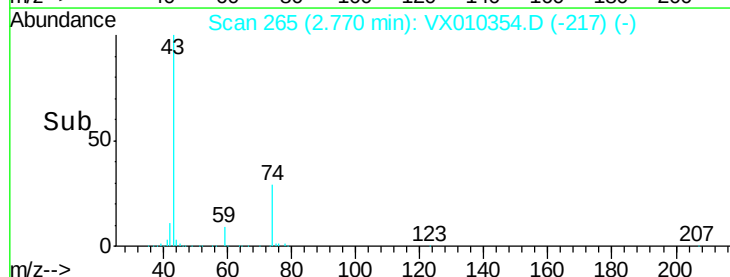
30000

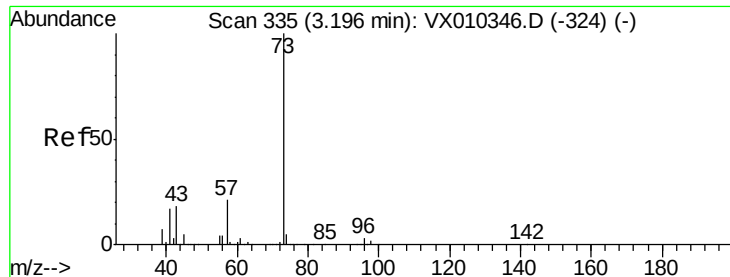
20000

10000

0

Time-->





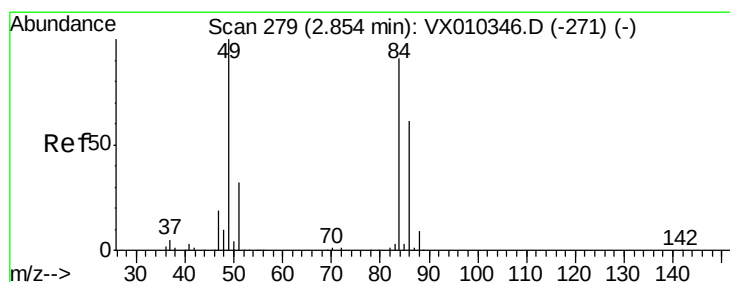
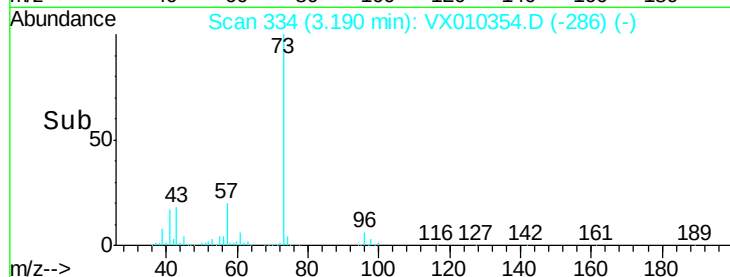
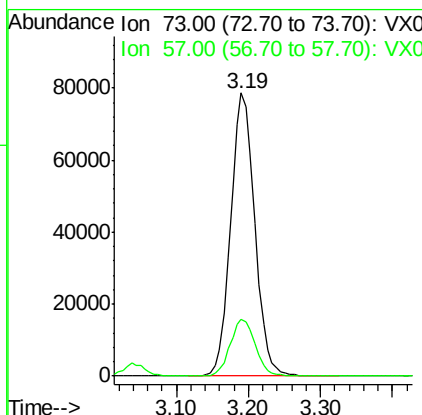
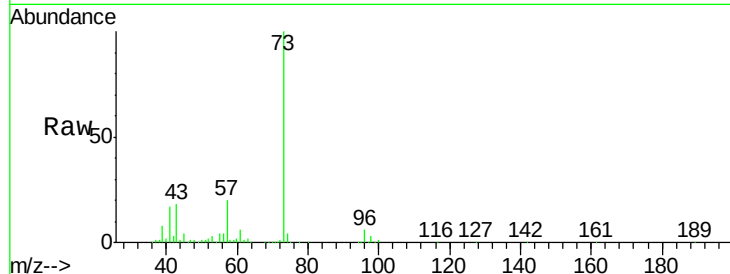
#19
Methyl tert-butyl Ether
Concen: 19.989 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion: 73 Resp: 182874
Ion Ratio Lower Upper
73 100
57 20.1 16.4 24.6

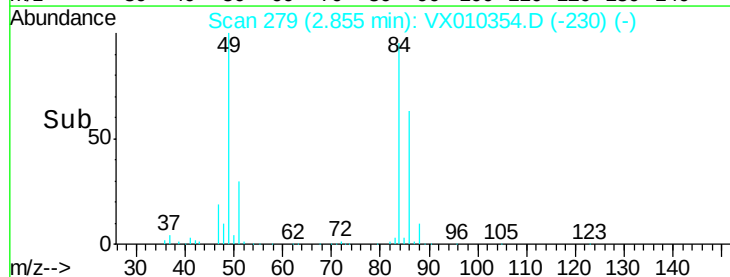
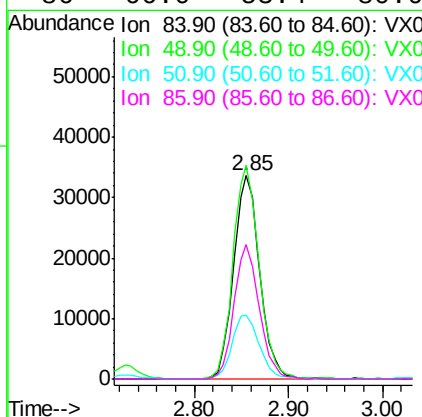
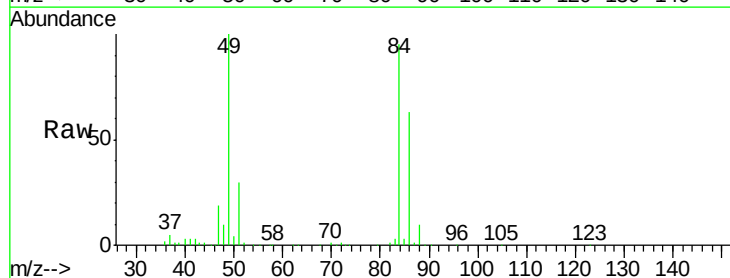
Manual Integrations
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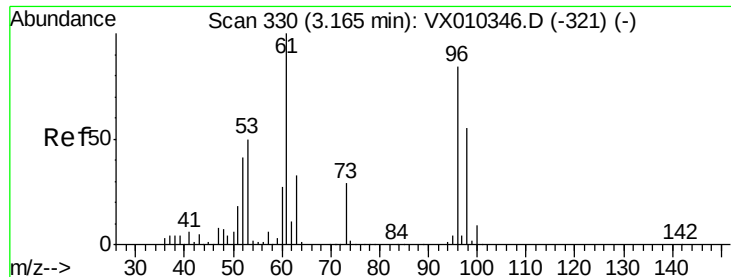
MMDadoda
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#20
Methylene Chloride
Concen: 19.904 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion: 84 Resp: 64580
Ion Ratio Lower Upper
84 100
49 105.0 87.5 131.3
51 31.6 27.7 41.5
86 66.0 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 19.919 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

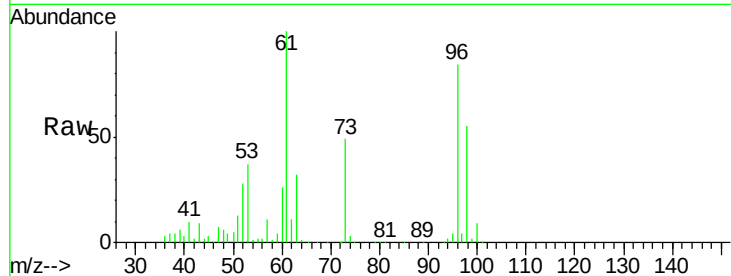
ClientSampleId :

VX0620WBSD01

Tot Ion:	96	Resp:	62303
Ion	Ratio	Lower	Upper
96	100		
61	118.6	95.6	143.4
98	64.8	52.5	78.7

Manual Integrations
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MMDadoda
6/21/2019 11:35:03 AM

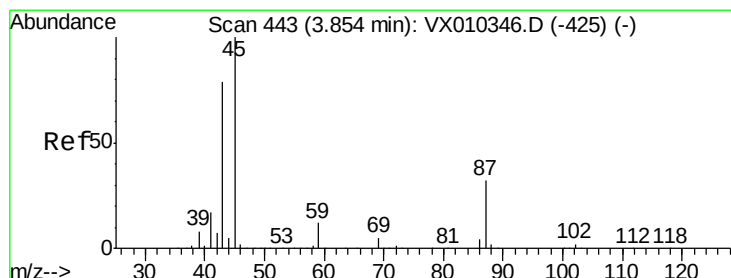
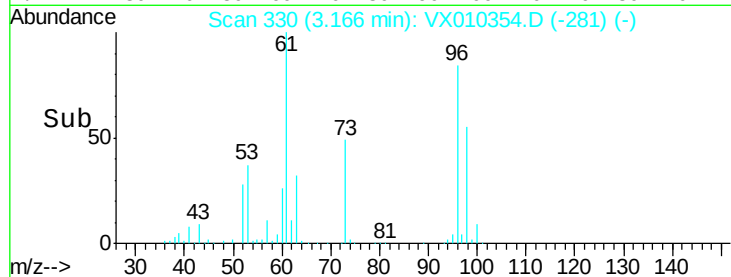
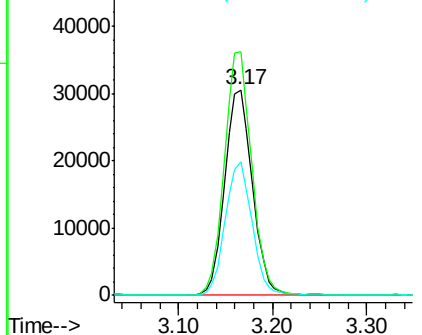


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.809 ug/l

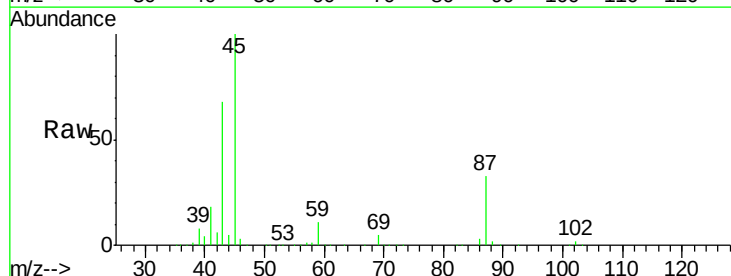
RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Tgt Ion:	45	Resp:	170996
Ion	Ratio	Lower	Upper
45	100		
43	68.2	63.3	94.9
87	33.3	25.8	38.8
59	11.4	9.6	14.4



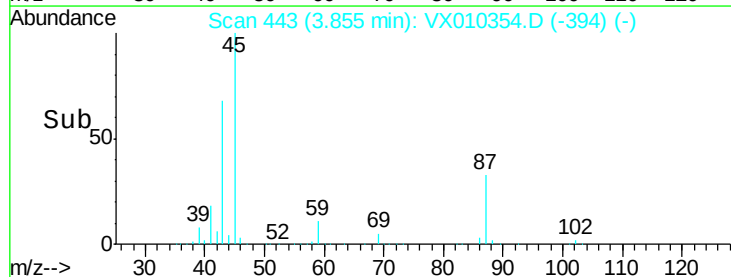
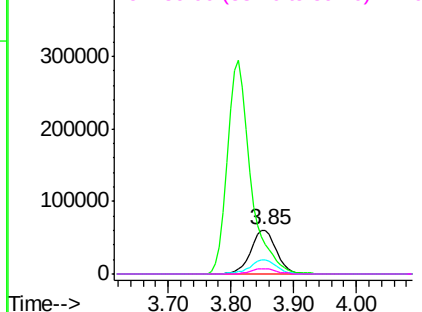
Abundance

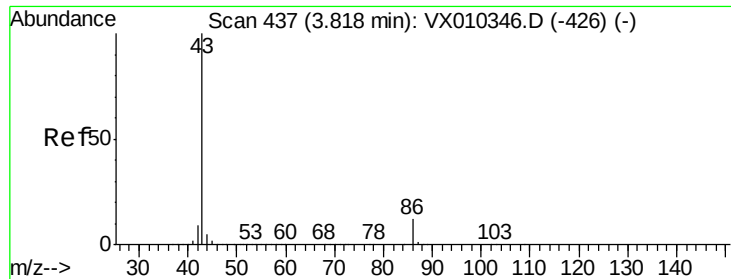
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.972 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 43 Resp: 752998

Ion Ratio Lower Upper

43 100

86 12.7

9.9

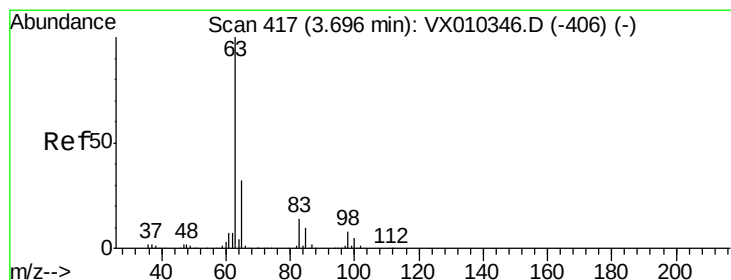
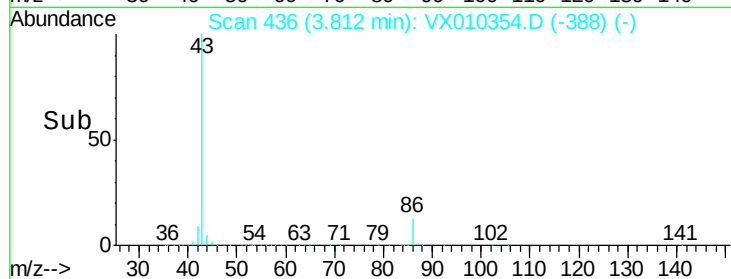
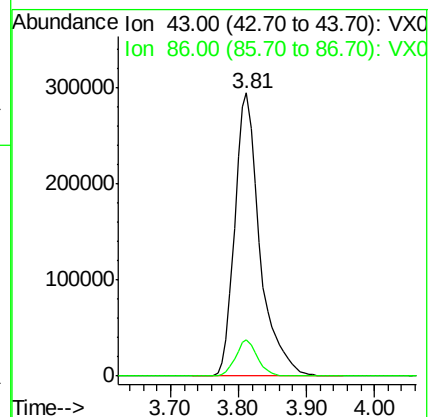
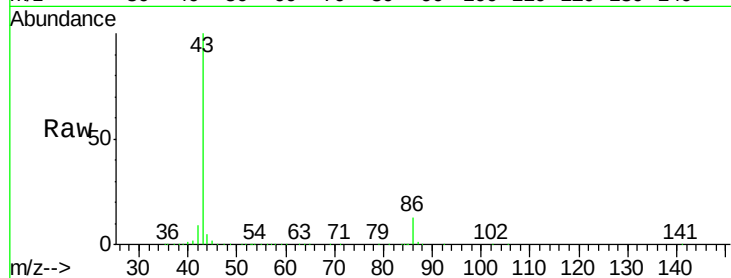
14.9

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#24

1,1-Dichloroethane

Concen: 19.775 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Tgt Ion: 63 Resp: 98676

Ion Ratio Lower Upper

63 100

98 8.5

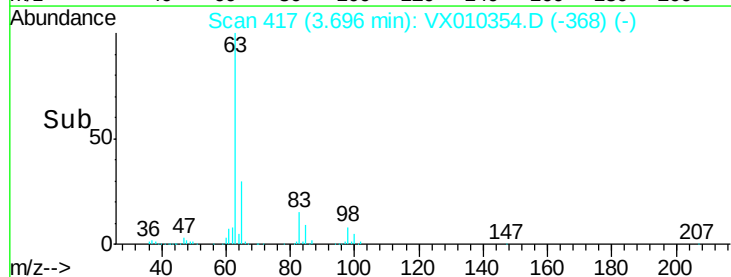
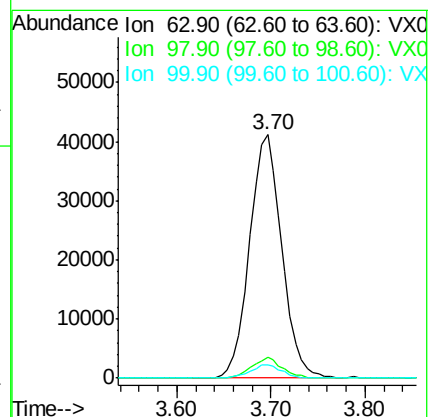
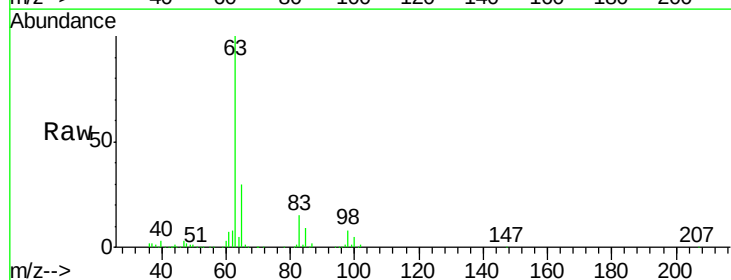
3.9

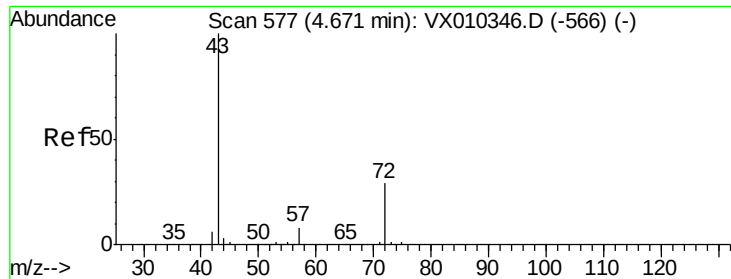
11.7

100 5.3

2.4

7.1





#25

2-Butanone

Concen: 96.837 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 43 Resp: 223951

Ion Ratio Lower Upper

43 100

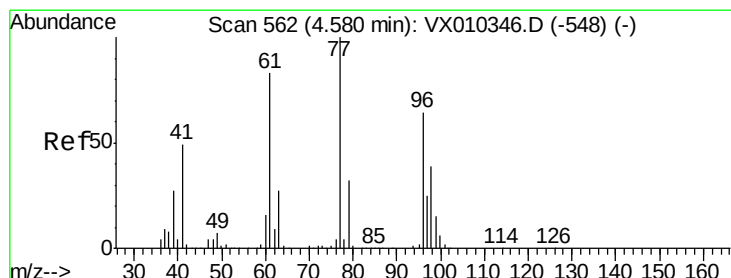
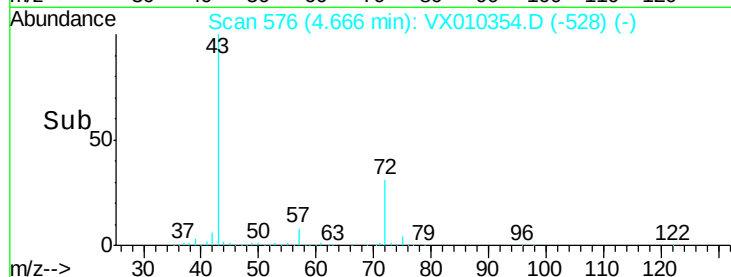
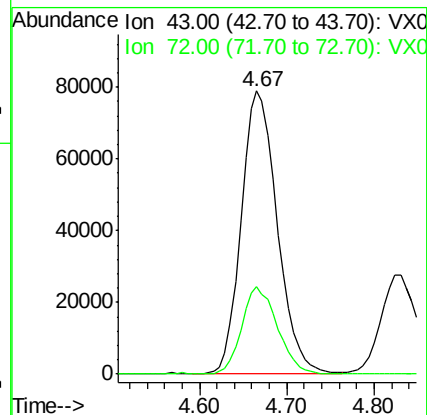
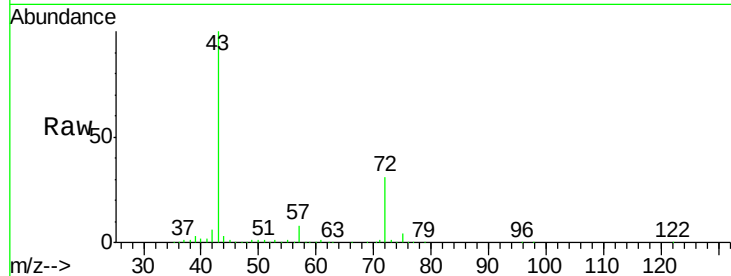
72 30.8 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.460 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010354.D

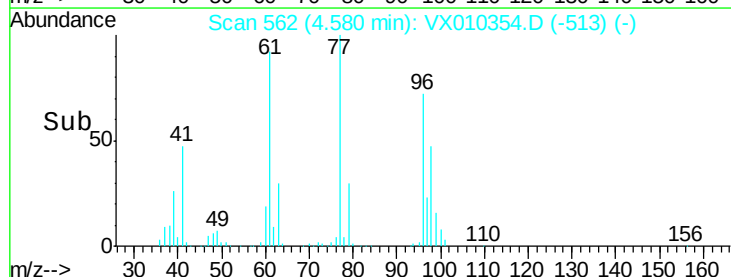
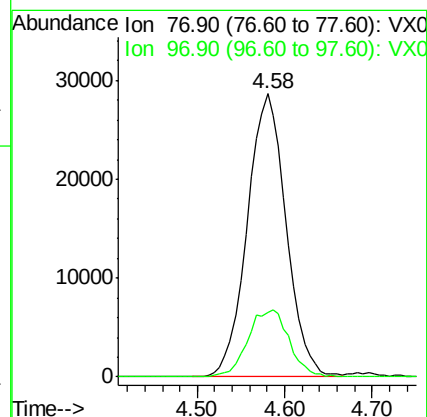
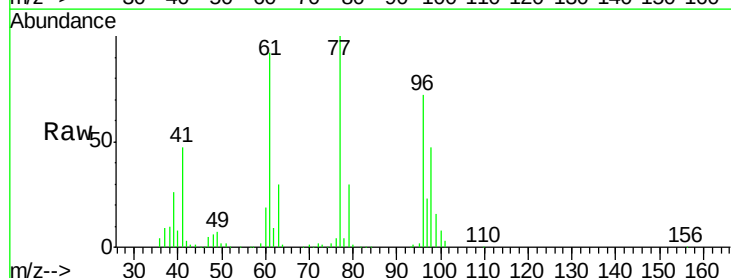
Acq: 20 Jun 2019 12:49

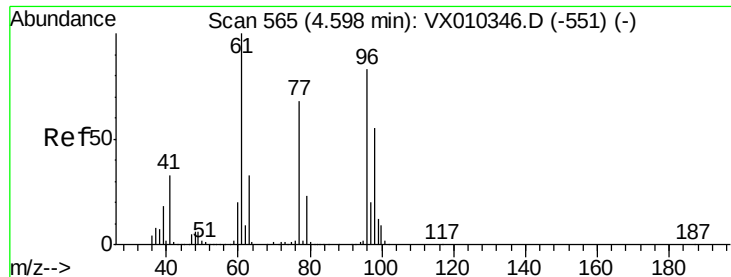
Tgt Ion: 77 Resp: 88685

Ion Ratio Lower Upper

77 100

97 25.0 13.1 39.3





#27

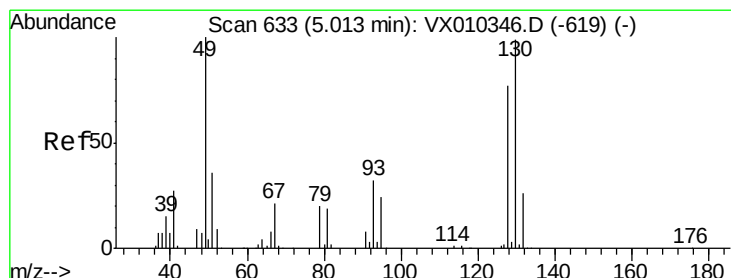
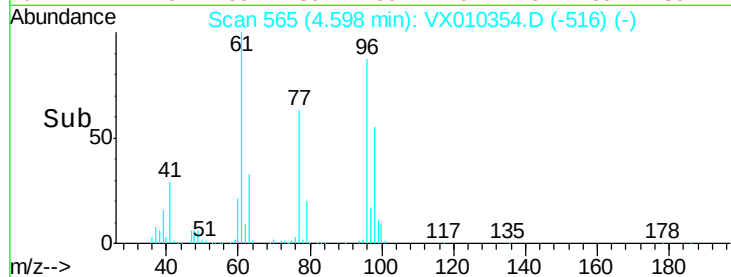
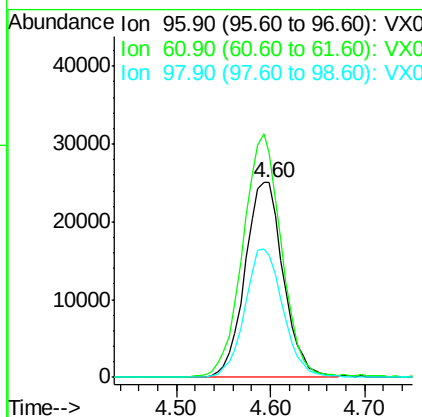
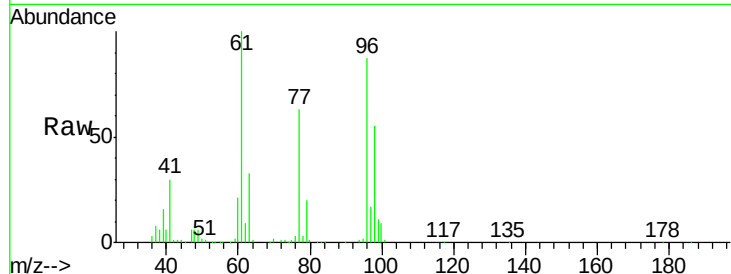
cis-1,2-Dichloroethene
 Concen: 19.669 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	251.8
98	65.9	0.0	129.4

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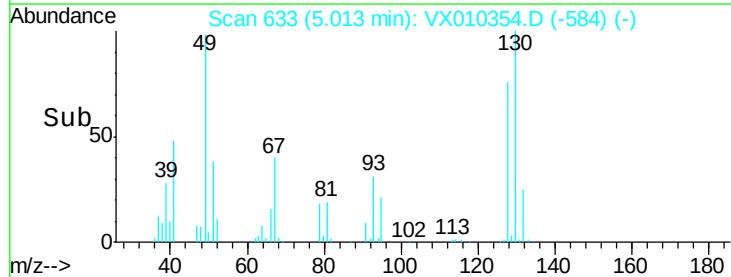
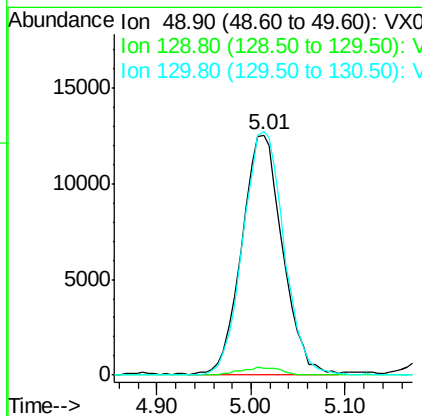
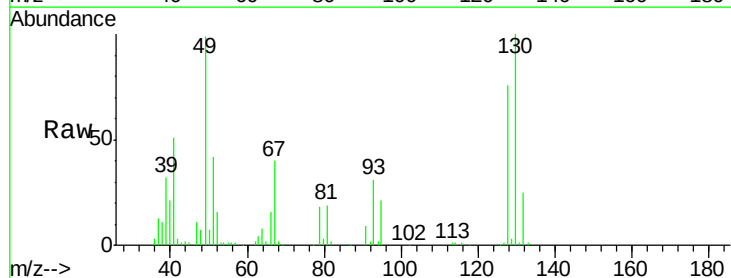
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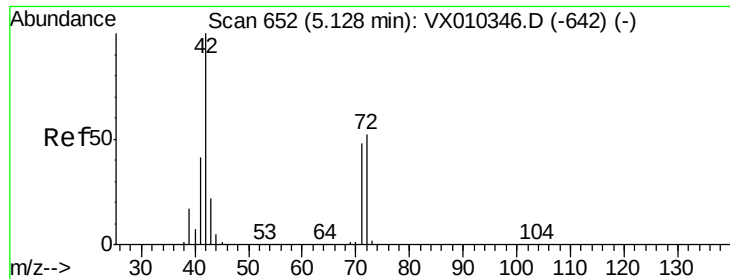


#28

Bromochloromethane
 Concen: 16.042 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.6
130	101.5	81.4	122.0





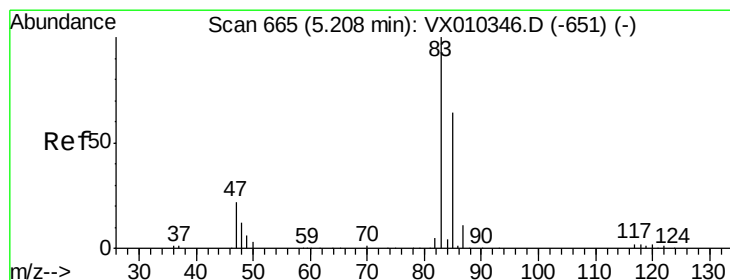
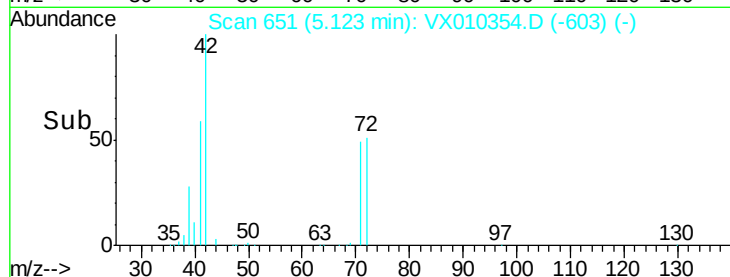
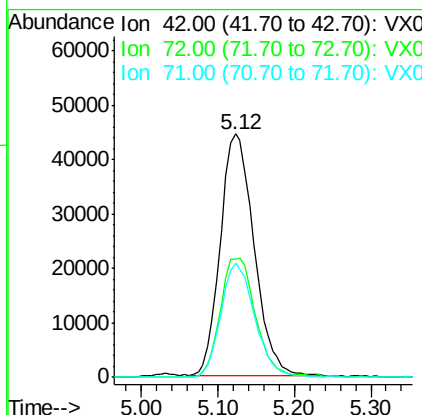
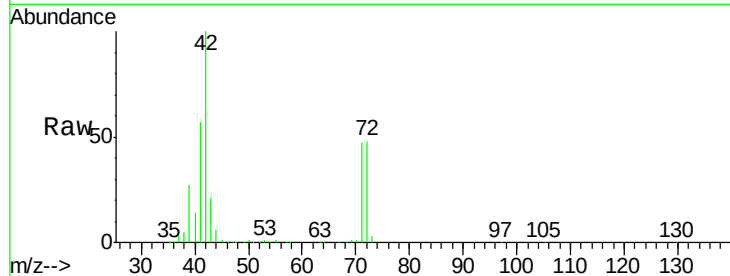
#29
Tetrahydrofuran
Concen: 95.191 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	40.6	60.8
71	47.2	37.8	56.8

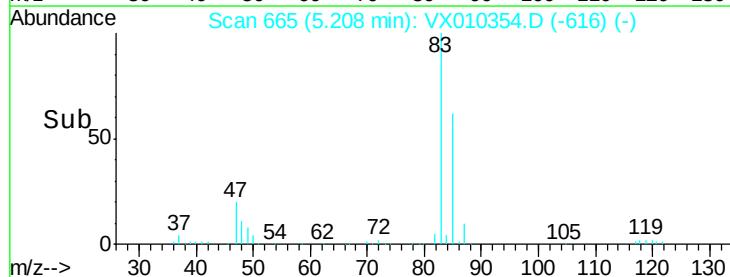
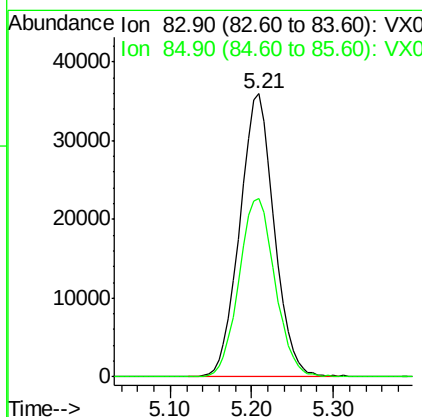
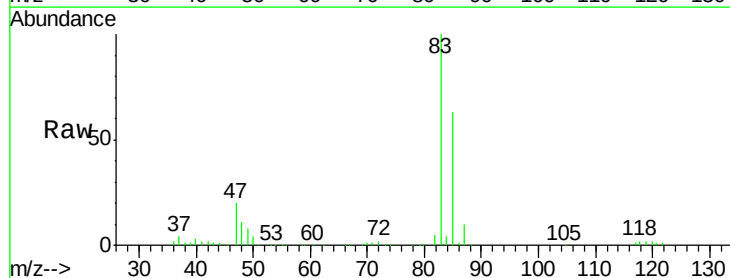
Manual Integrations
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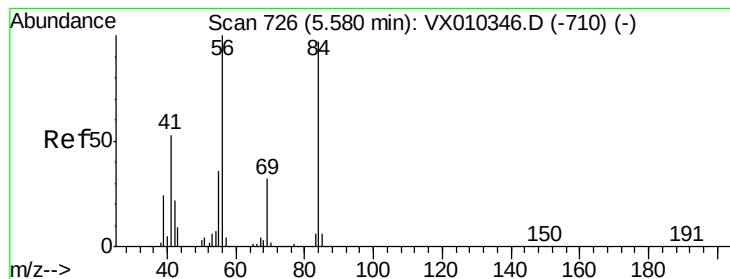
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#30
Chloroform
Concen: 19.699 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.9	76.3





#31

Cyclohexane

Concen: 20.380 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

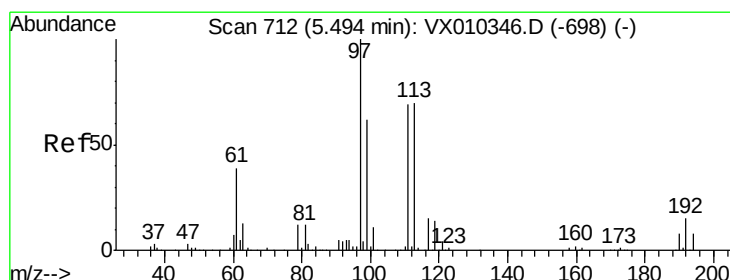
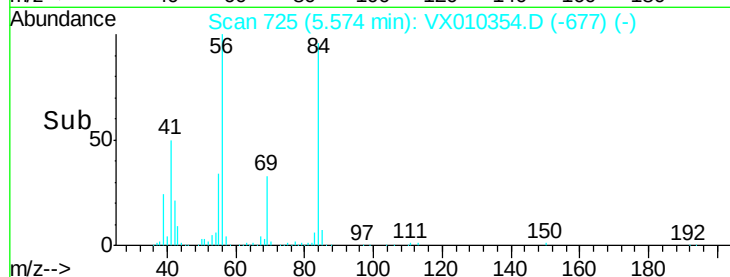
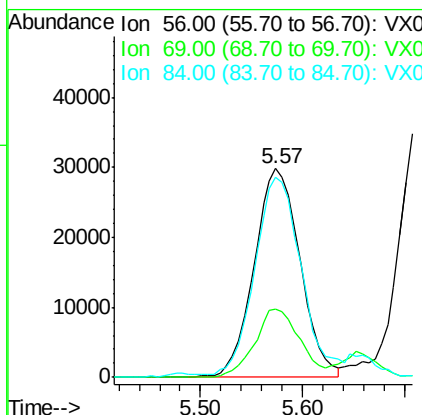
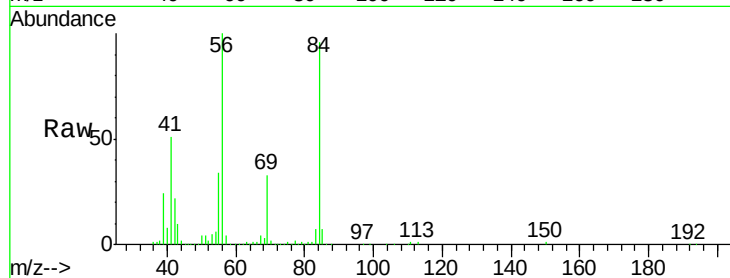
ClientSampleId :

VX0620WBSD01

Tot Ion:	56	Resp:	92607
Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.9	38.9
84	94.5	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 20.204 ug/l

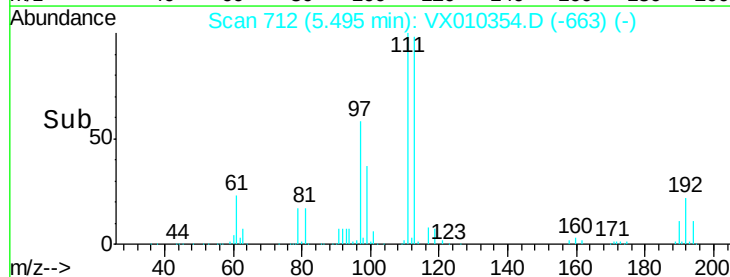
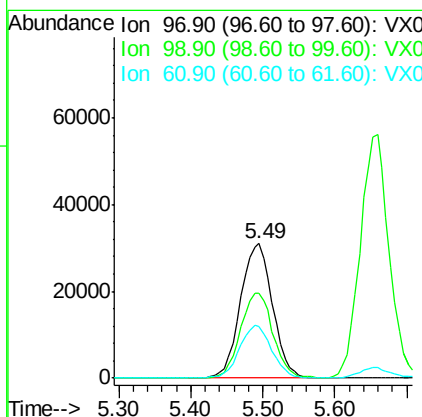
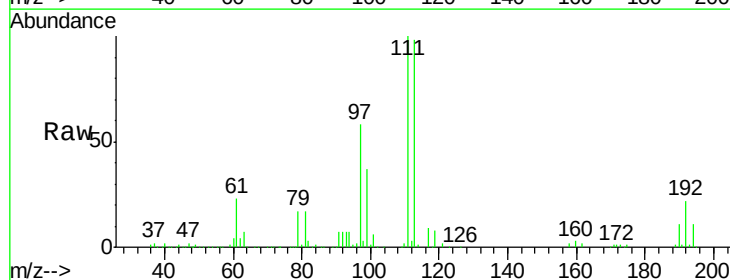
RT: 5.49 min Scan# 712

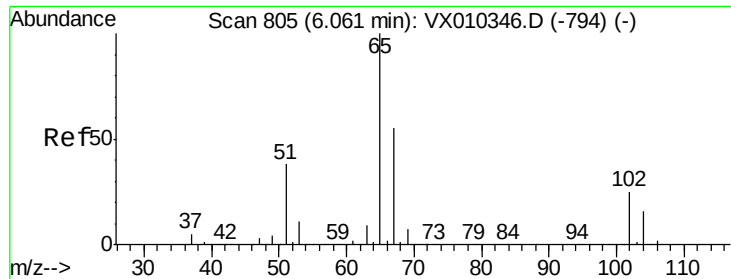
Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Tgt Ion:	97	Resp:	95778
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	39.2	32.1	48.1





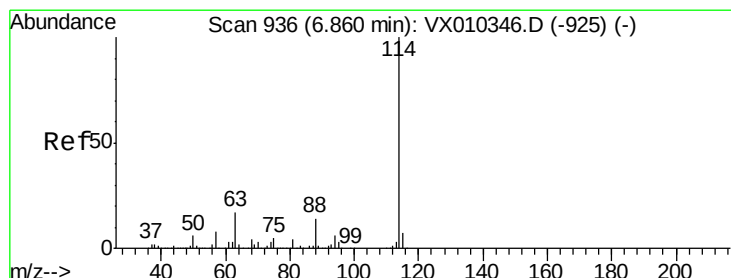
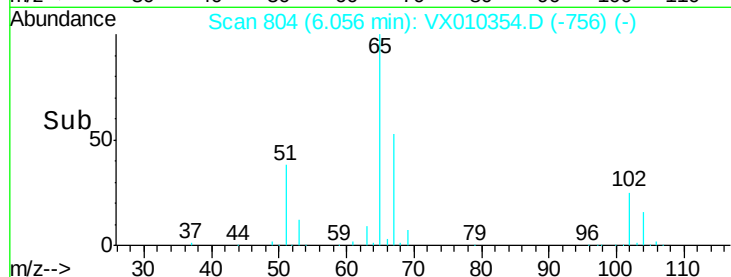
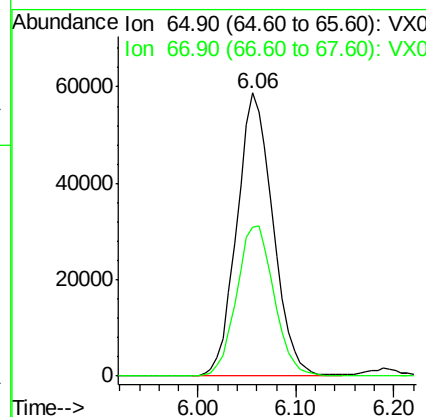
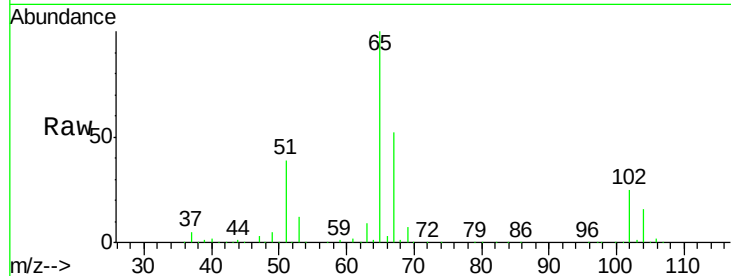
#33
 1,2-Dichloroethane-d4
 Concen: 47.772 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	150282		
67	55.2	0.0	110.2	

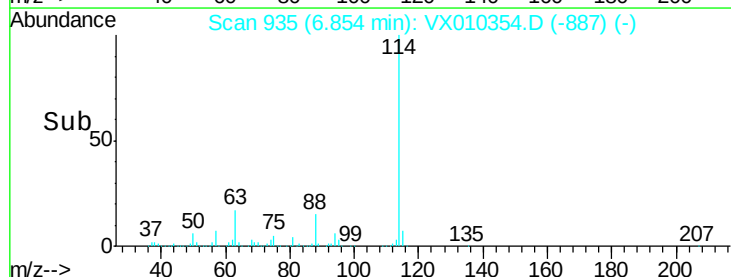
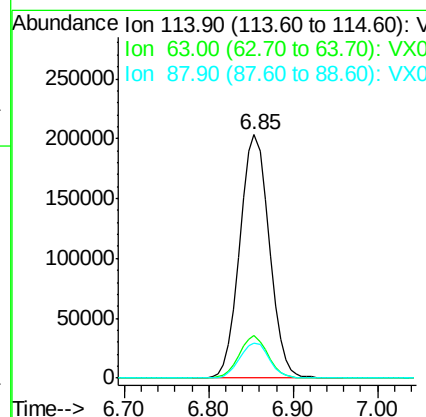
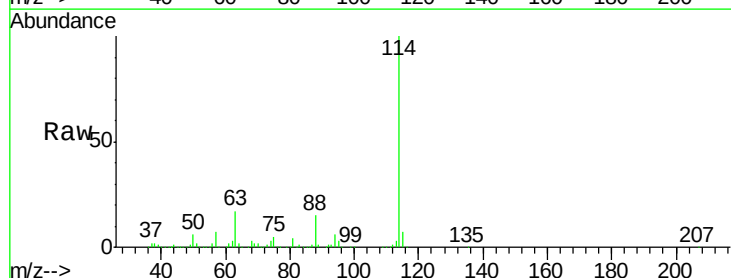
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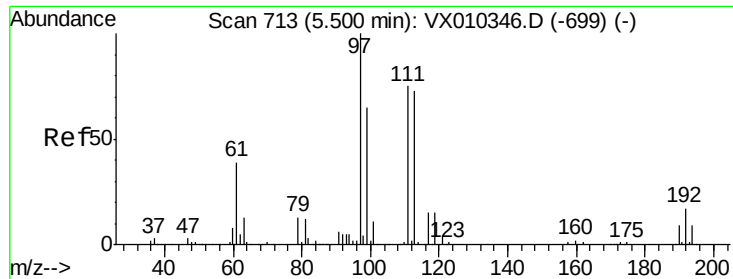
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	479900		
63	17.3	0.0	33.8	
88	14.5	0.0	27.6	





#35

Dibromofluoromethane

Concen: 50.994 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

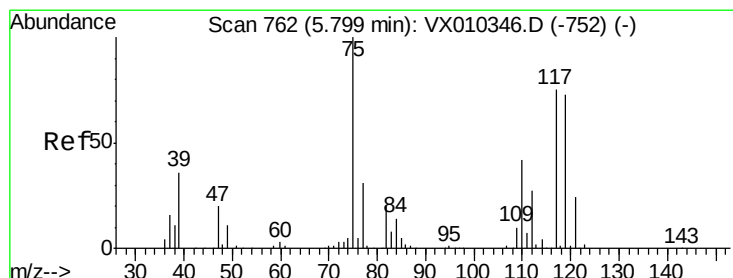
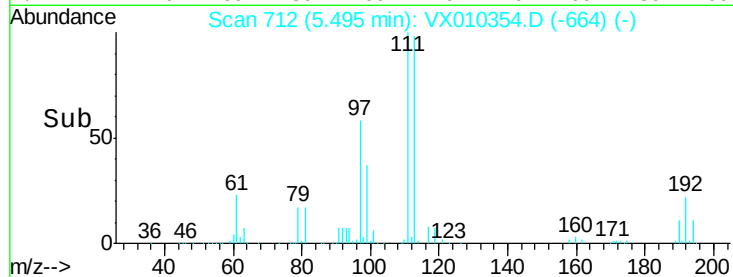
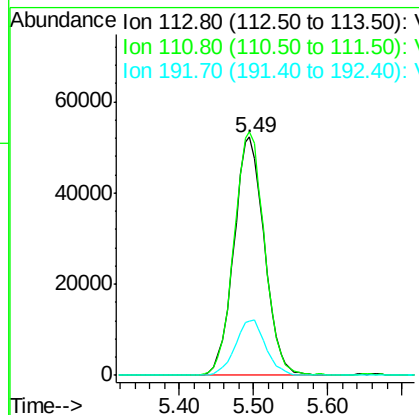
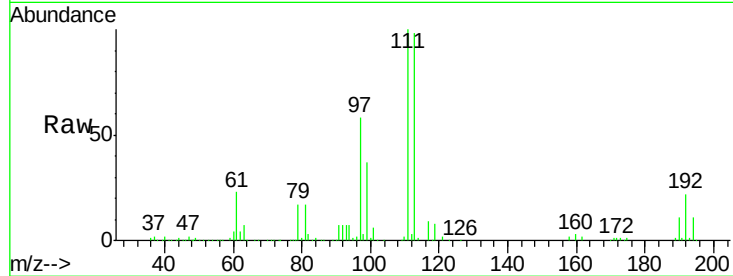
ClientSampled :

VX0620WBSD01

Tot Ion:	113	Resp:	149730
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	23.3	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.453 ug/l

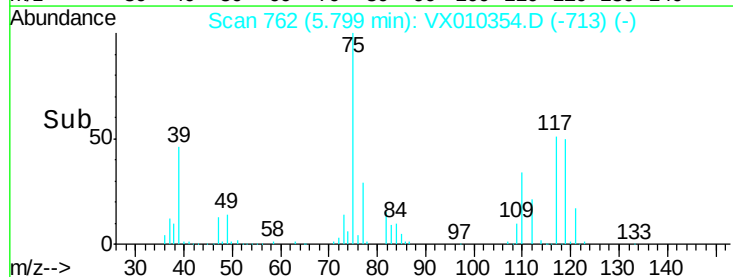
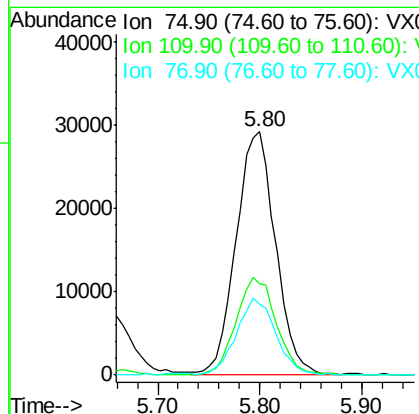
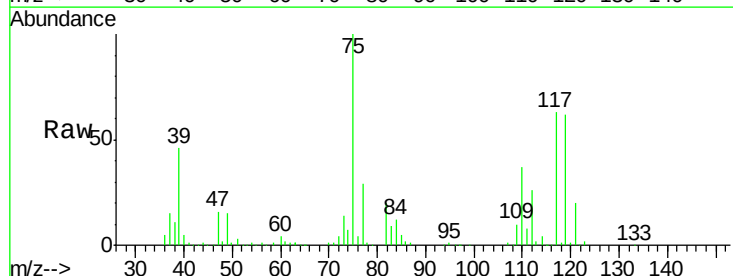
RT: 5.80 min Scan# 762

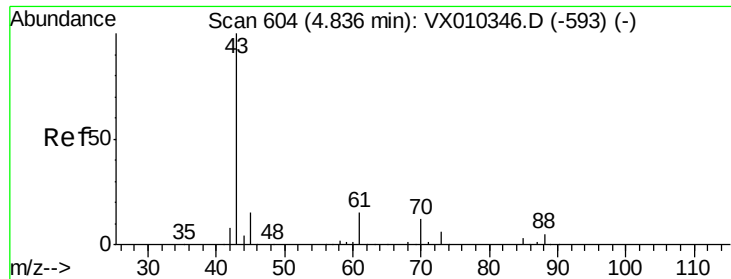
Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Tgt Ion:	75	Resp:	77999
Ion	Ratio	Lower	Upper
75	100		
110	41.7	20.8	62.2
77	31.6	25.4	38.0





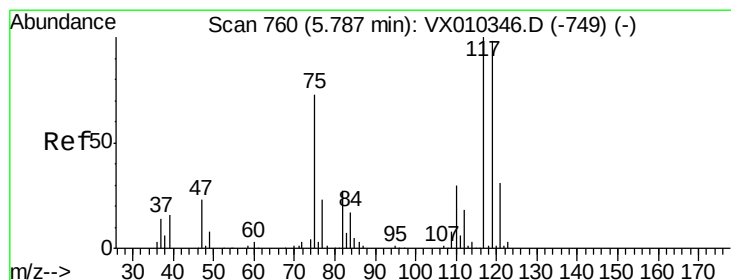
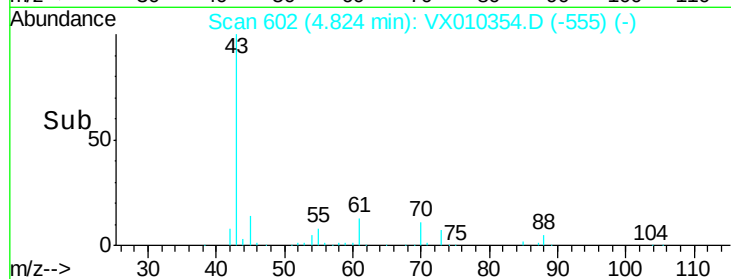
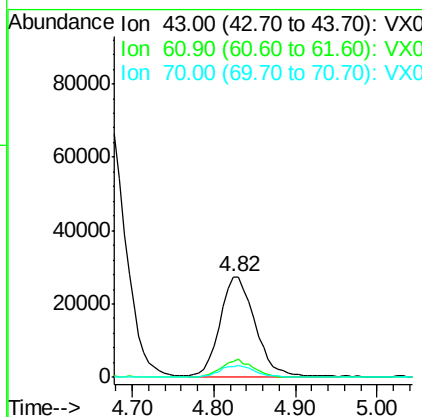
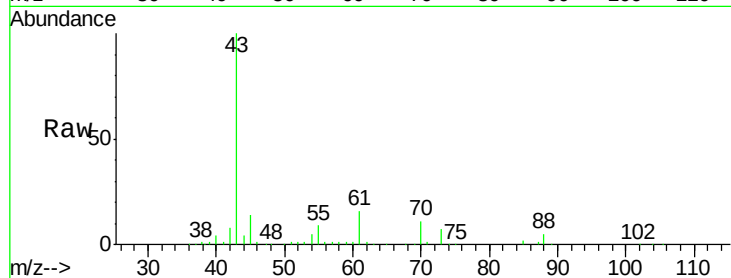
#37
Ethyl Acetate
Concen: 20.441 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.4	18.6
70	12.3	9.8	14.8

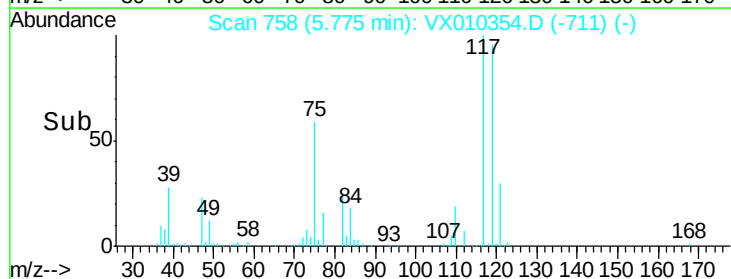
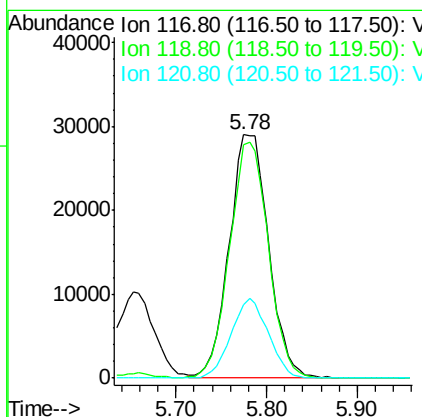
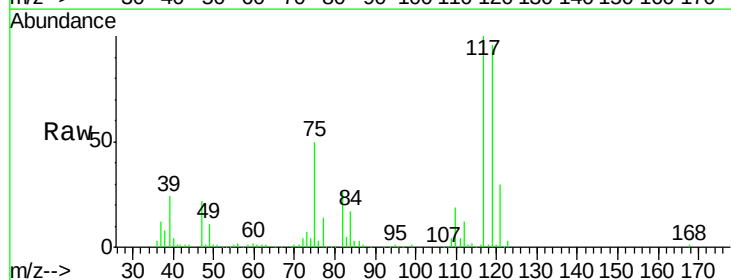
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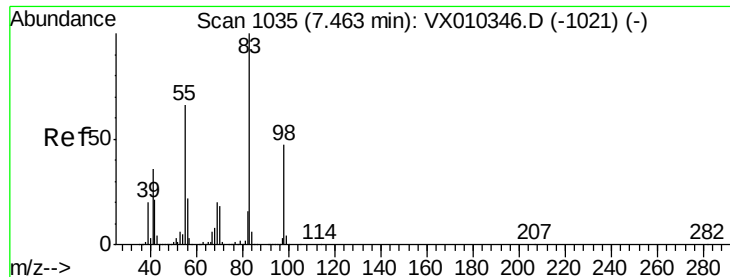
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#38
Carbon Tetrachloride
Concen: 21.194 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.2	117.4
121	30.1	24.7	37.1





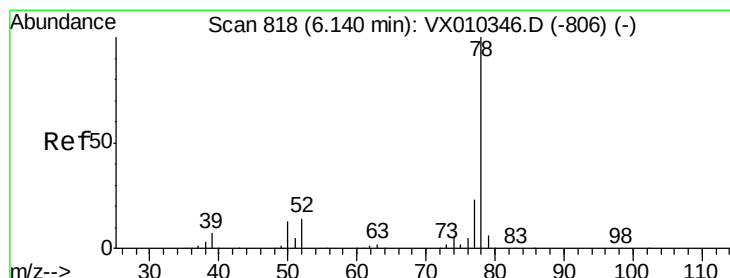
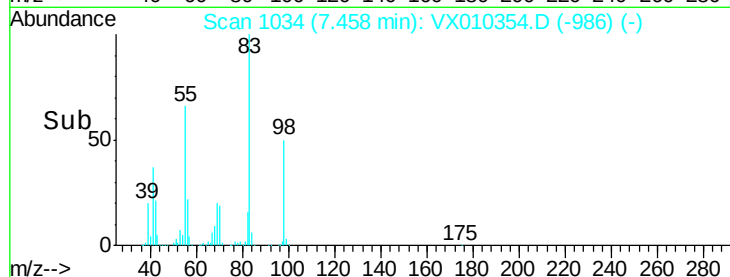
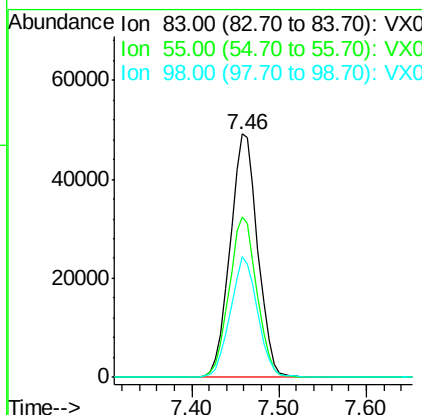
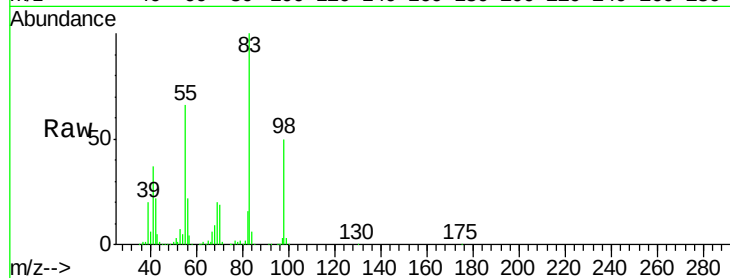
#39
Methylvlcyclohexane
Concen: 21.496 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.9	53.0	79.6
98	49.8	37.8	56.8

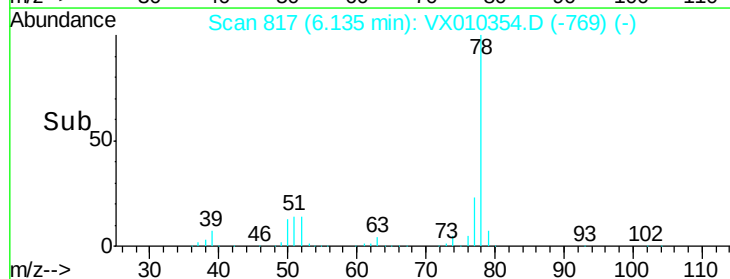
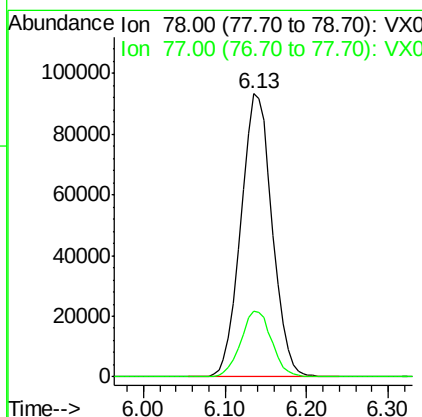
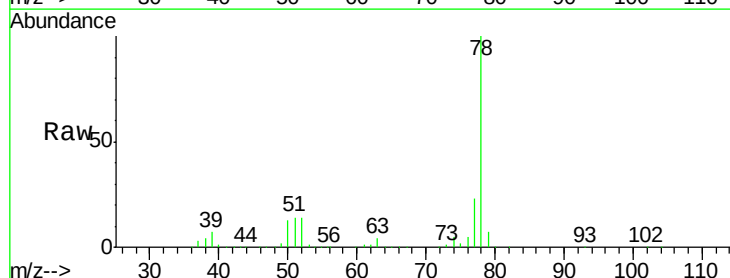
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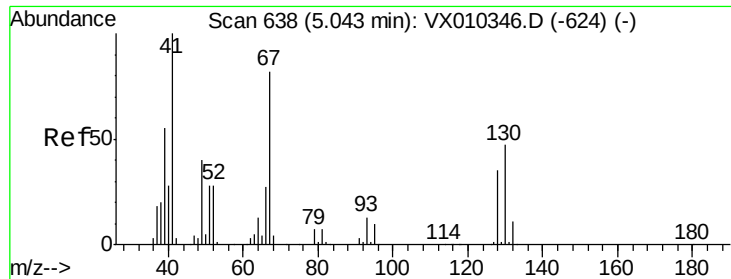
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#40
Benzene
Concen: 20.944 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





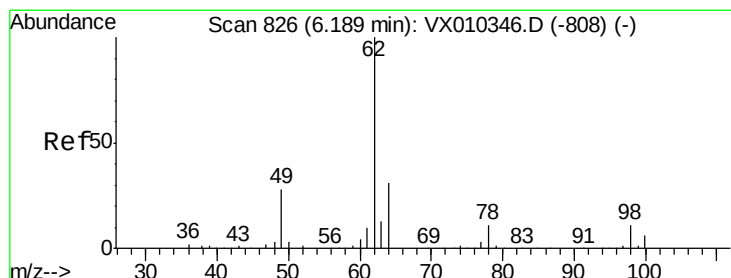
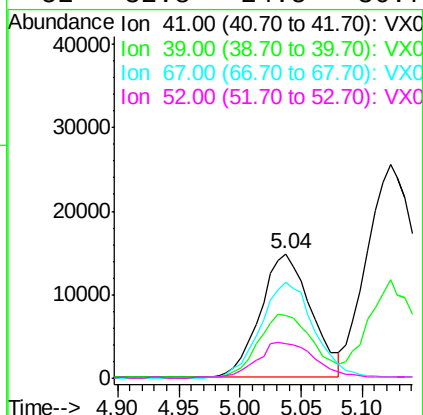
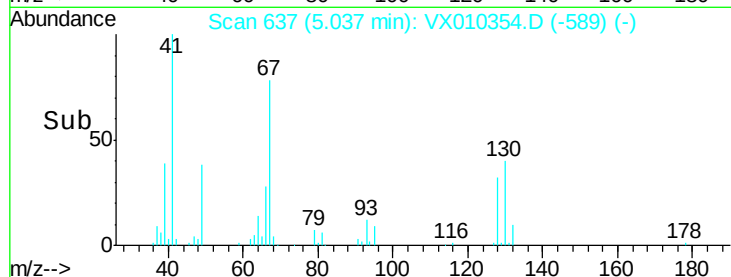
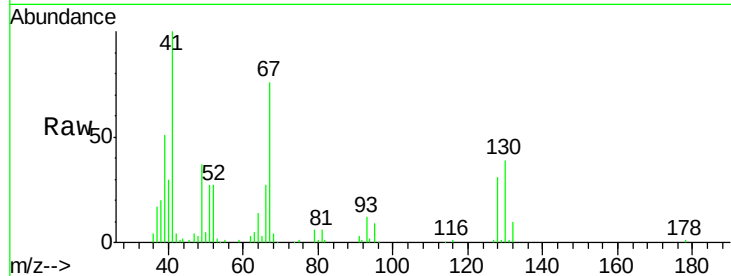
#41
Methacrylonitrile
Concen: 19.793 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleID :
VX0620WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	43.8	65.8	
67	83.0	66.6	100.0	
52	32.8	24.5	36.7	

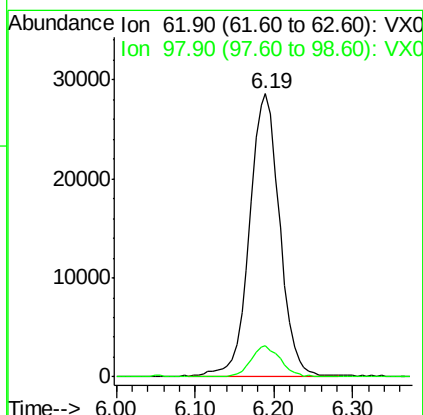
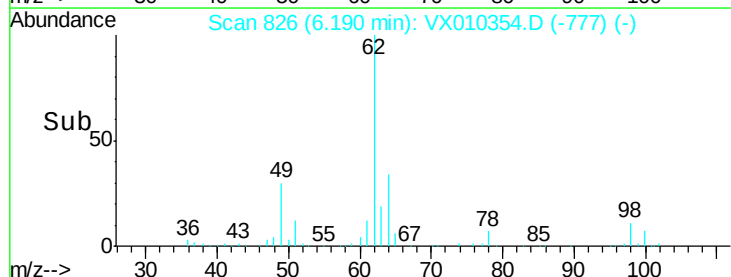
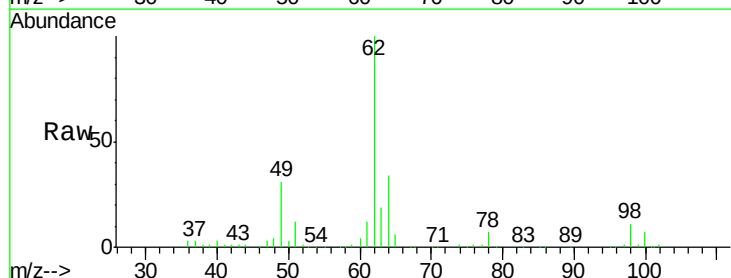
Manual Integrations
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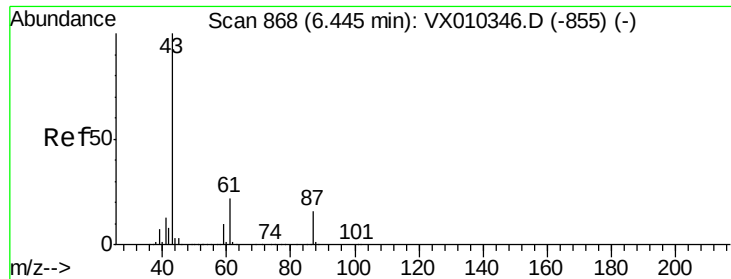
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.102 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	22.2	





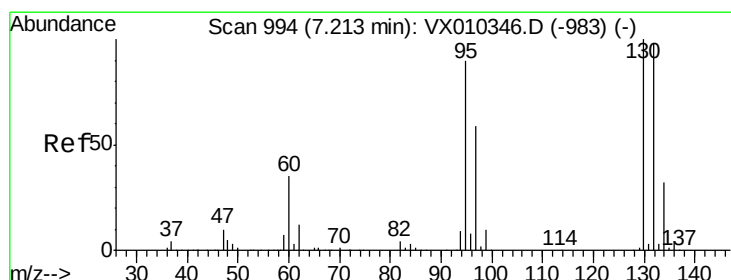
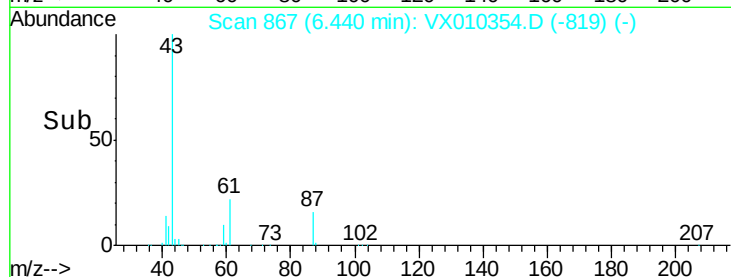
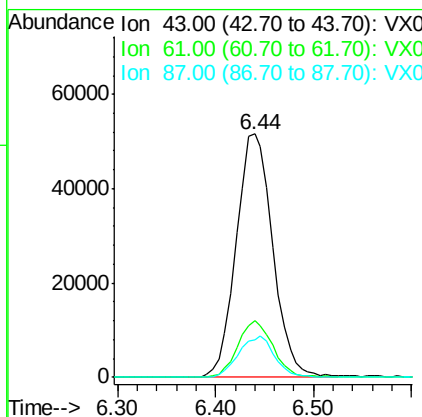
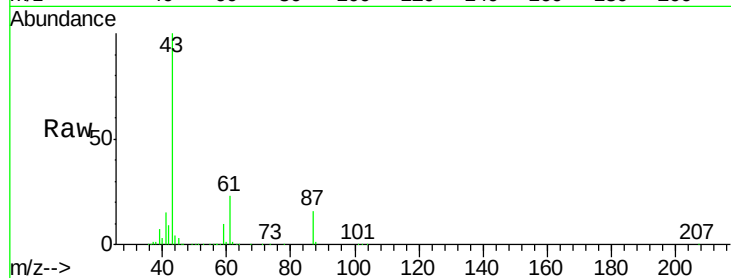
#43
Isopropyl Acetate
Concen: 20.463 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.7	17.8	26.6
87	16.7	13.0	19.4

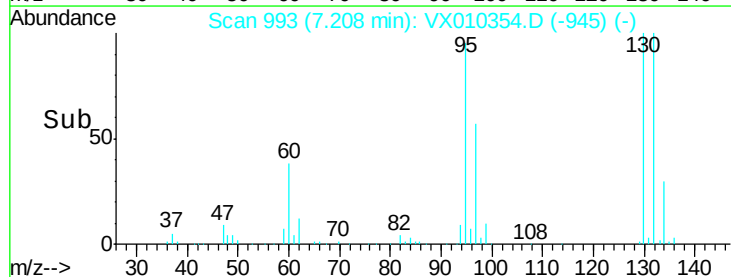
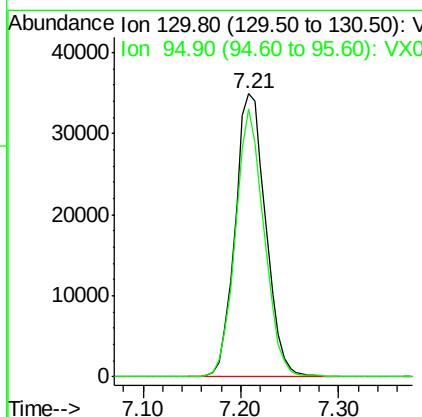
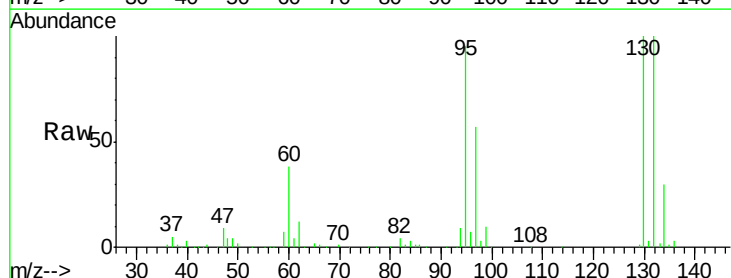
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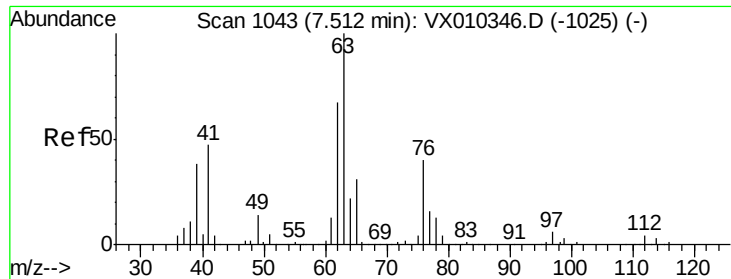
MMDadoda
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#44
Trichloroethene
Concen: 21.258 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	180.8





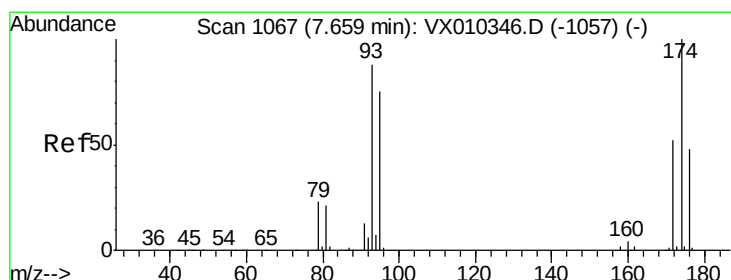
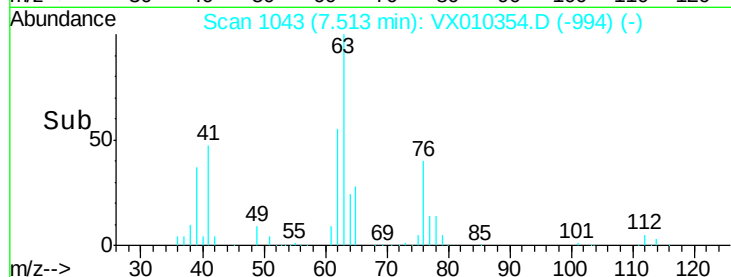
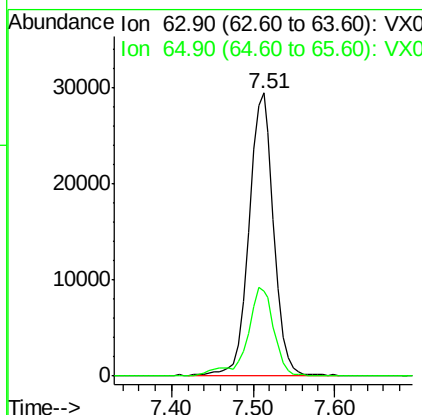
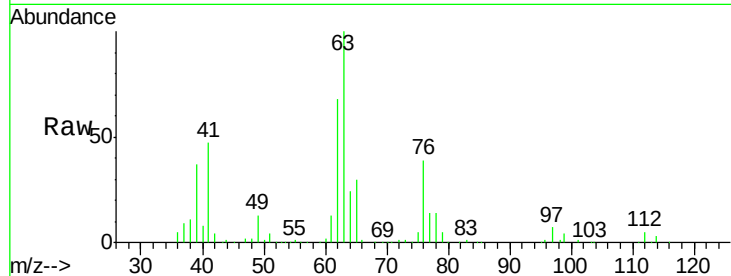
#45
 1,2-Dichloropropane
 Concen: 20.825 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion: 63 Resp: 62481
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.8 37.2

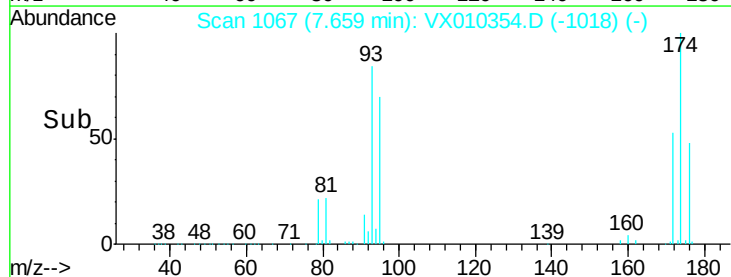
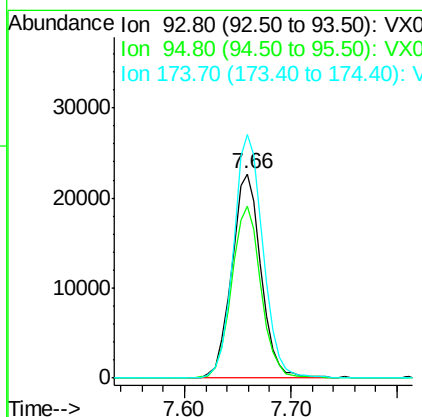
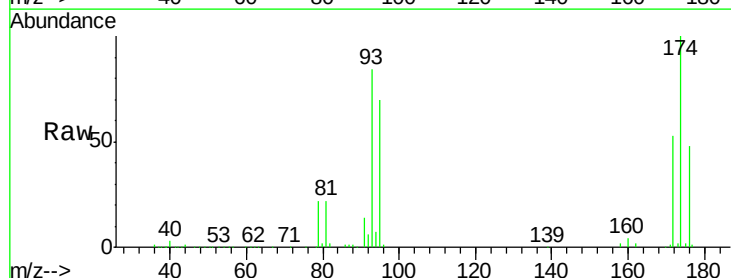
Manual Integrations
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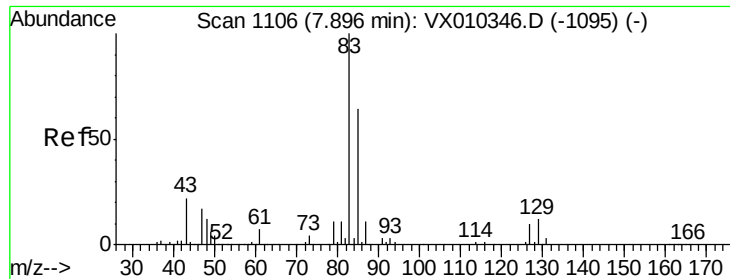
MMDadoda
 6/21/2019 11:35:03 AM



#46
 Dibromomethane
 Concen: 20.379 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Tgt Ion: 93 Resp: 43869
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.5 101.3
 174 120.1 95.8 143.6





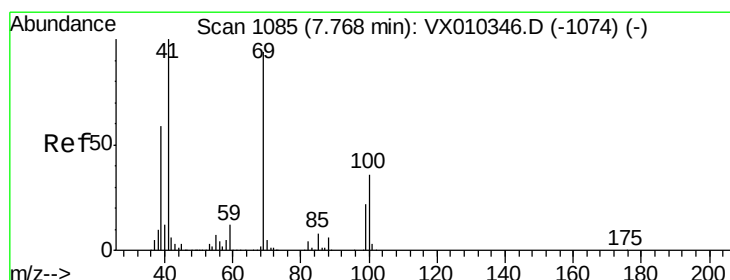
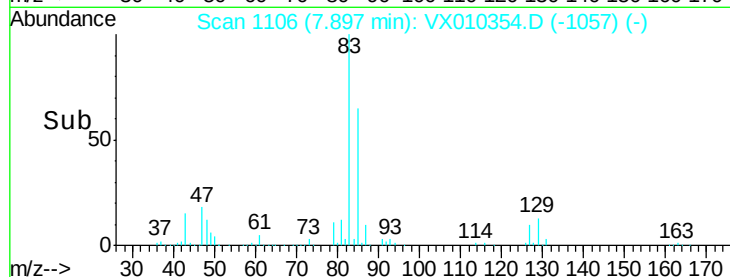
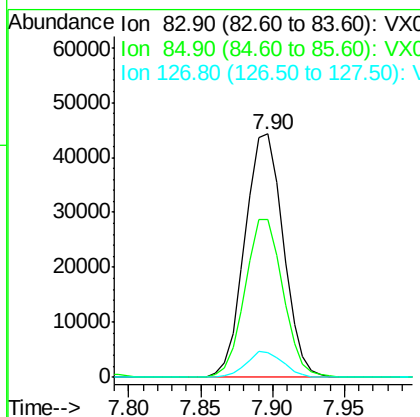
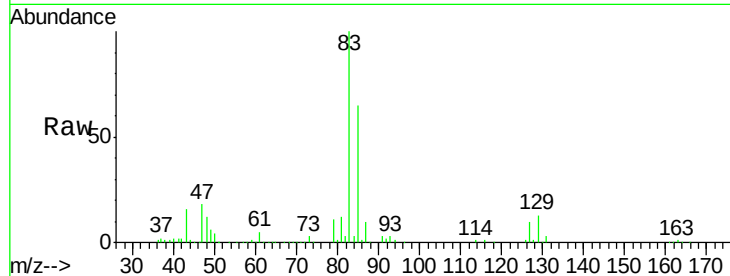
#47
Bromodichloromethane
Concen: 20.777 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	83	Resp	81965
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	51.5	77.3
127	10.3	7.8	11.8

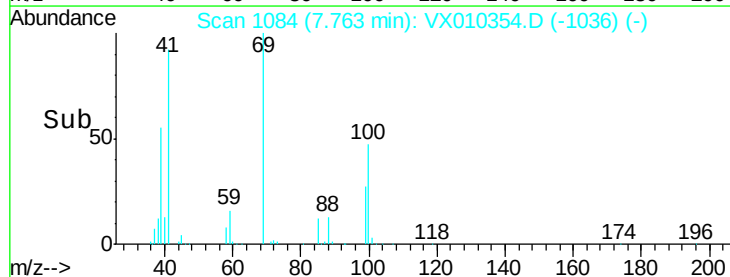
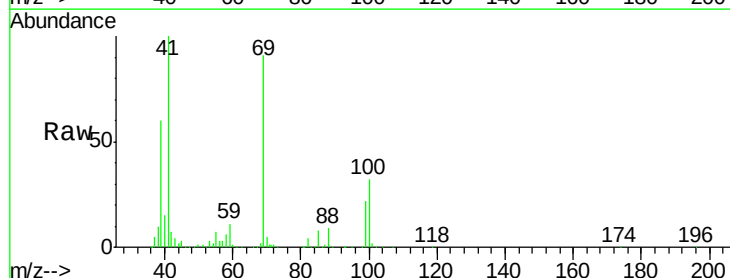
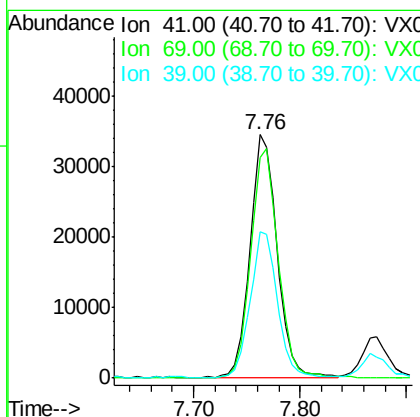
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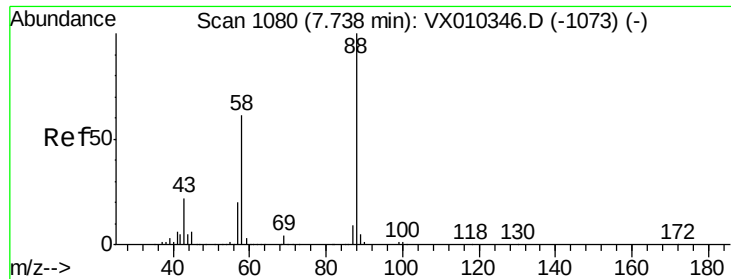
MMDadoda
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#48
Methyl methacrylate
Concen: 20.351 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	41	Resp	61399
Ion Ratio	100	Lower	Upper
41	100		
69	96.8	76.1	114.1
39	61.1	47.6	71.4





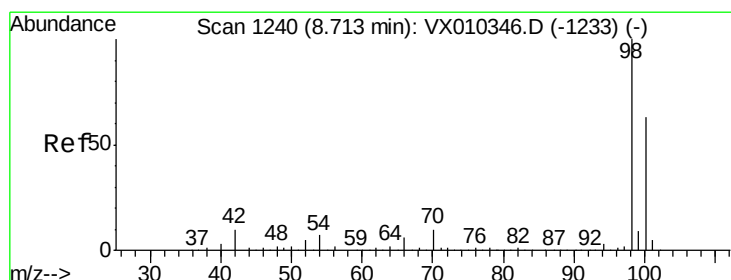
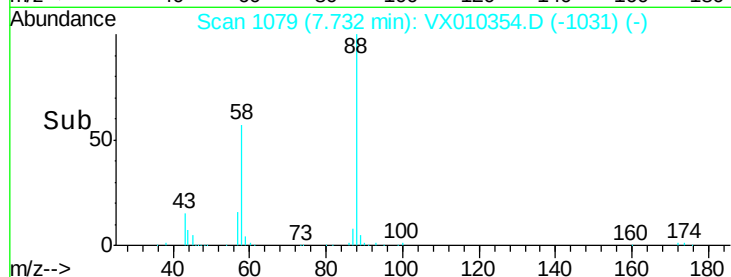
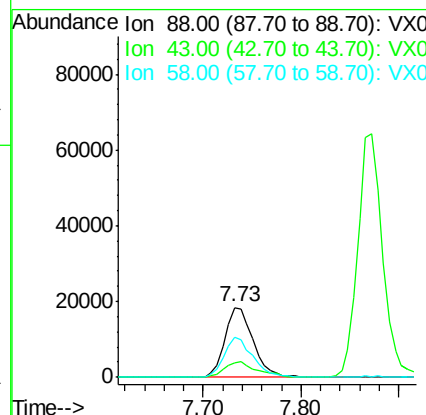
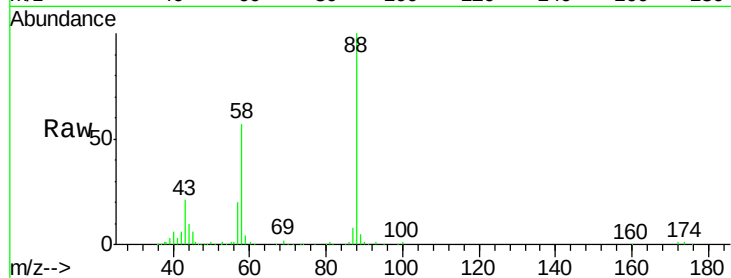
#49
1,4-Dioxane
Concen: 427.538 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	88	Resp	37159
Ion Ratio	100	Lower	Upper
88	100		
43	23.7	20.2	30.2
58	58.7	49.5	74.3

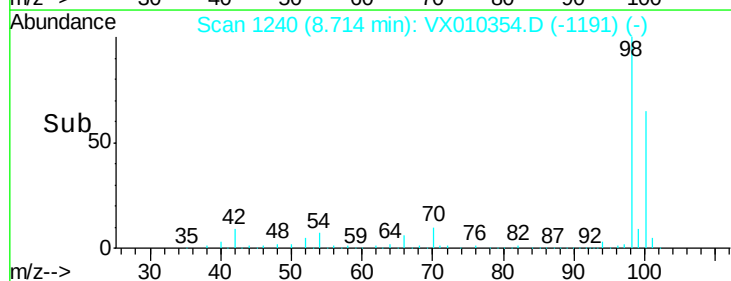
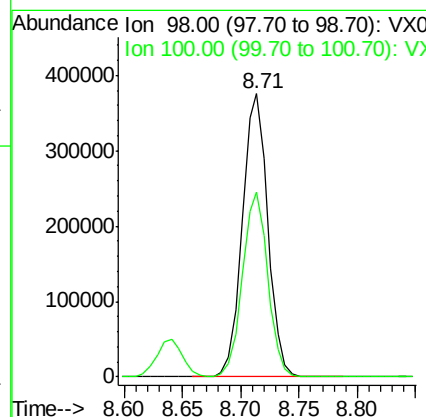
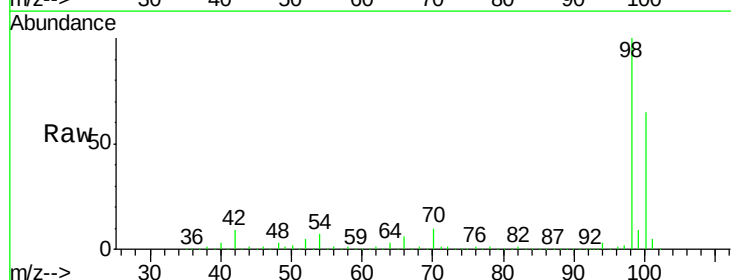
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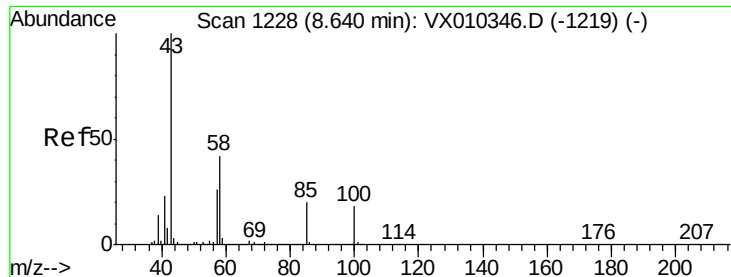
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#50
Toluene-d8
Concen: 50.965 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	98	Resp	572507
Ion Ratio	100	Lower	Upper
98	100		
100	64.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 102.064 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 43 Resp: 423700

Ion Ratio Lower Upper

43 100

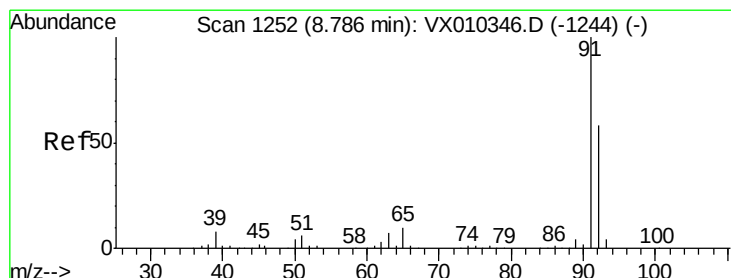
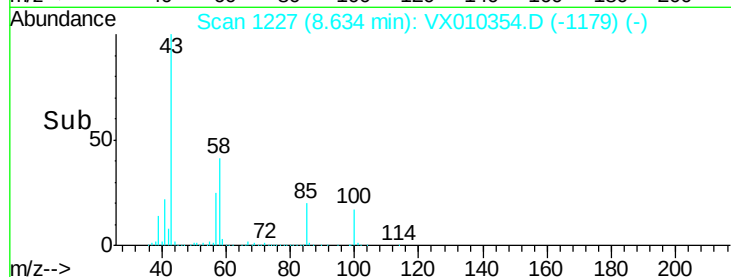
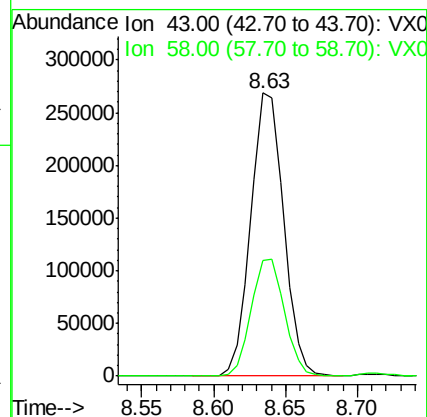
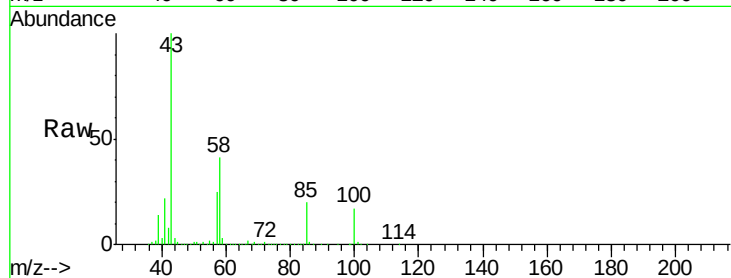
58 41.8 33.5 50.3

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#52

Toluene

Concen: 21.012 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010354.D

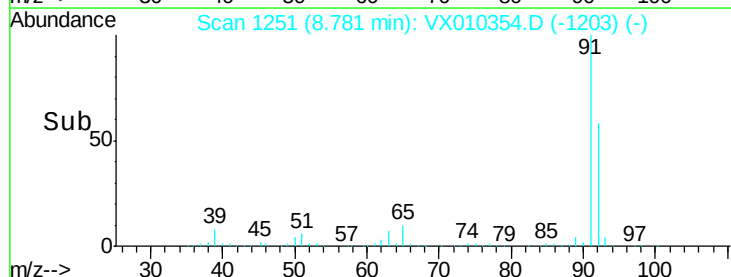
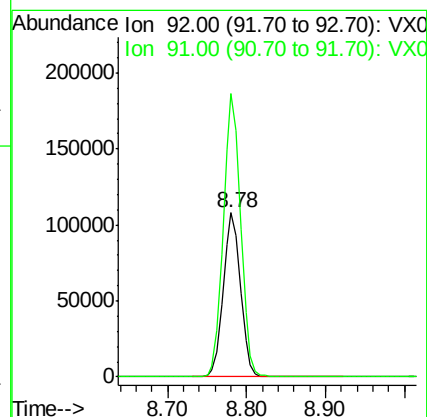
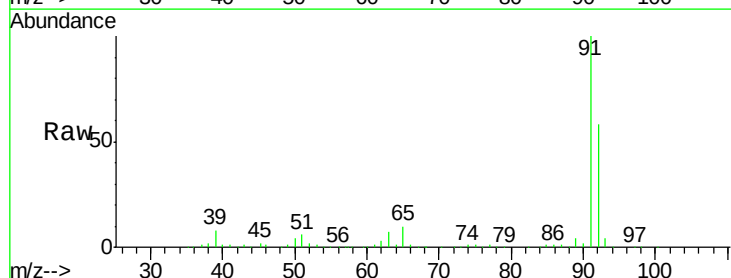
Acq: 20 Jun 2019 12:49

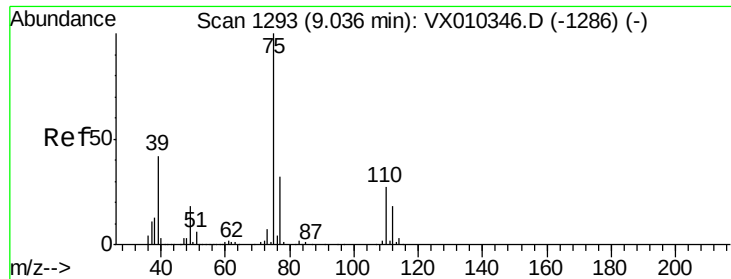
Tgt Ion: 92 Resp: 164403

Ion Ratio Lower Upper

92 100

91 173.1 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 20.813 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampled :

VX0620WBSD01

Tot Ion: 75 Resp: 92052

Ion Ratio Lower Upper

75 100

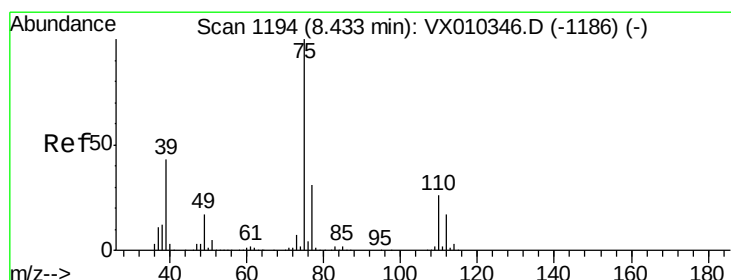
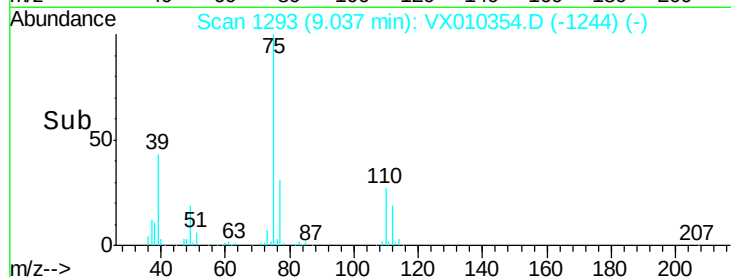
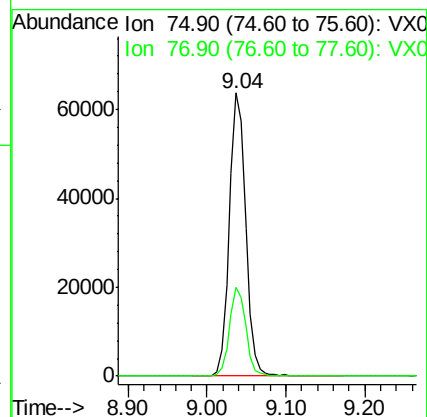
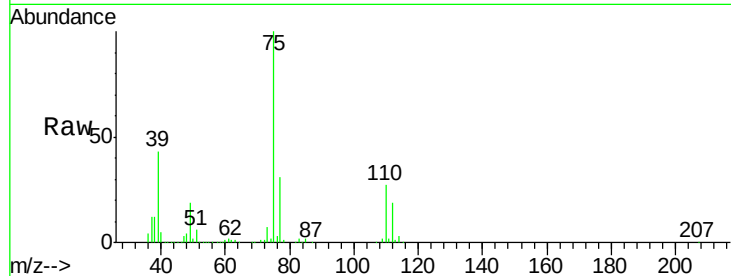
77 31.2 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 20.787 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

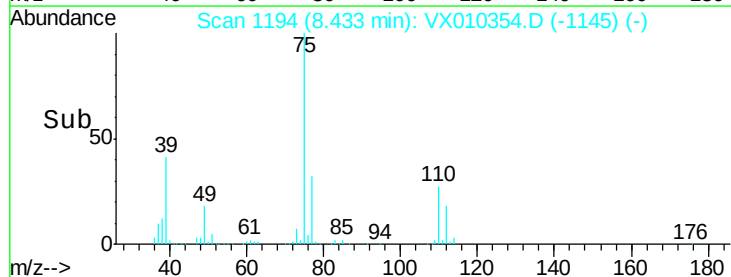
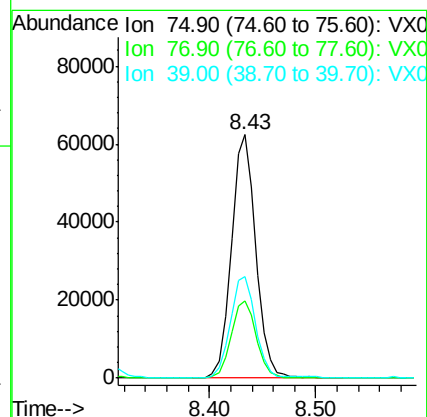
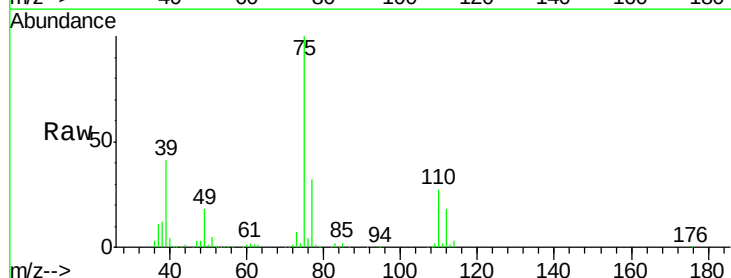
Tgt Ion: 75 Resp: 99911

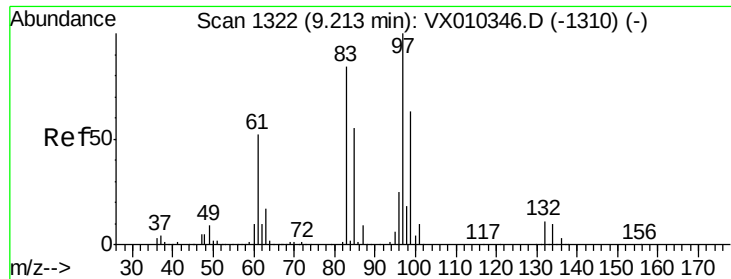
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 41.2 34.5 51.7





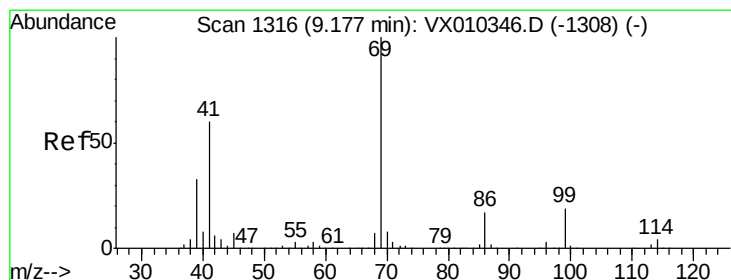
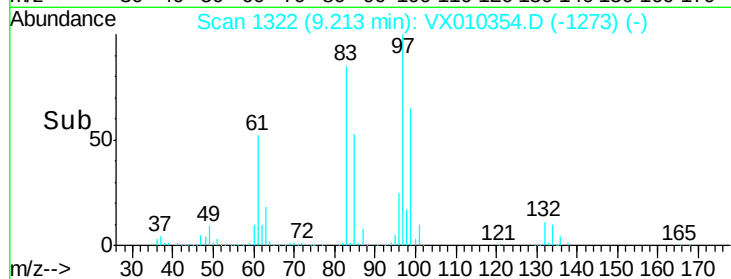
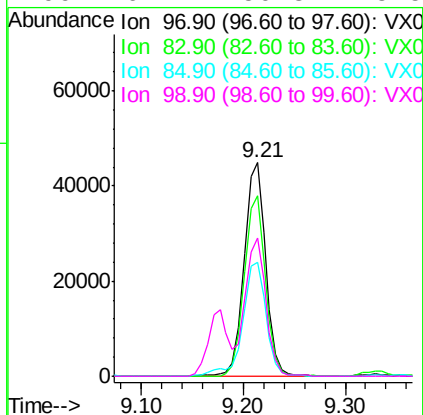
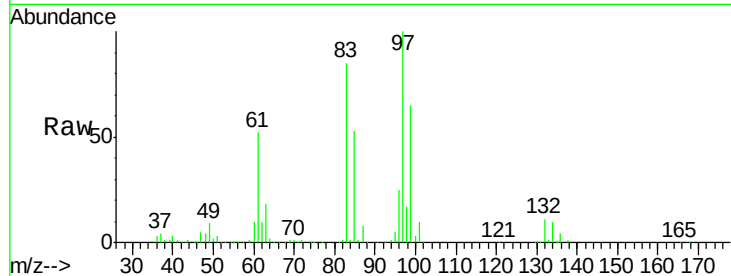
#55
 1,1,2-Trichloroethane
 Concen: 20.320 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.4	101.0
85	53.0	43.8	65.8
99	64.7	50.3	75.5

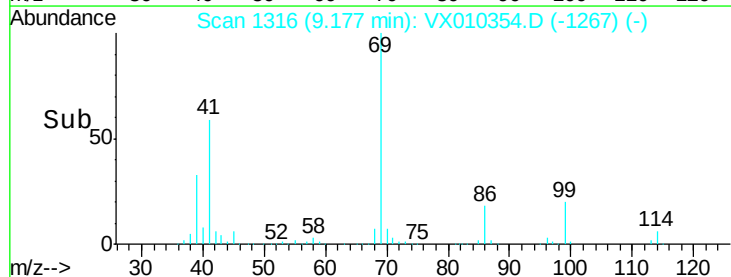
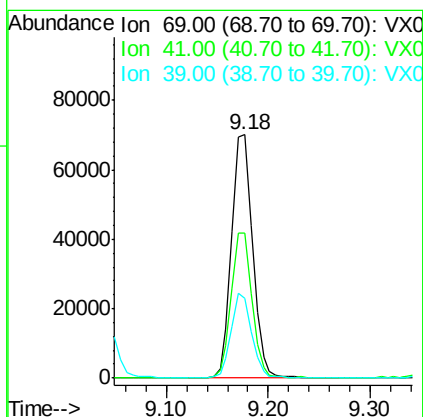
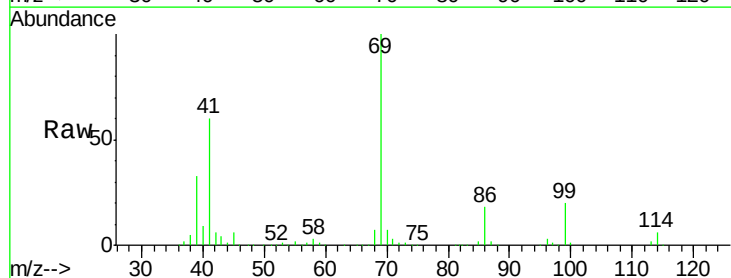
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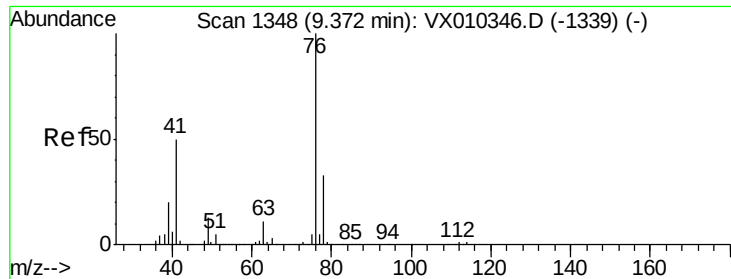
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#56
 Ethyl methacrylate
 Concen: 20.446 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.6	47.1	70.7
39	34.3	26.6	40.0





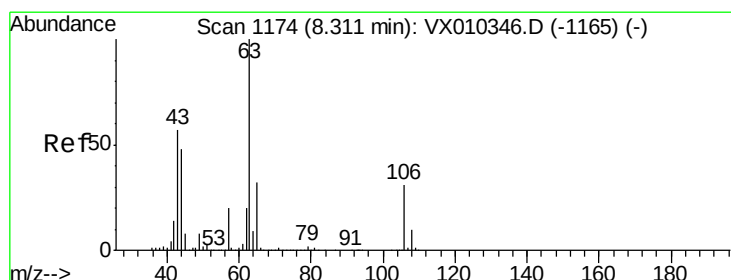
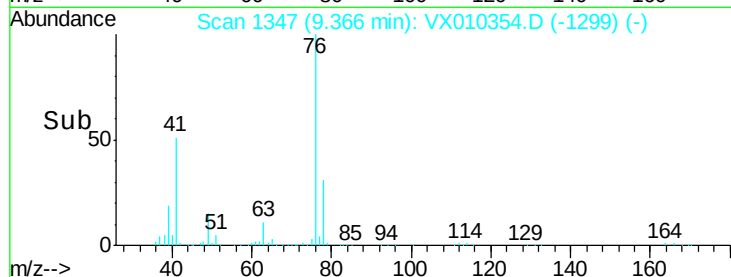
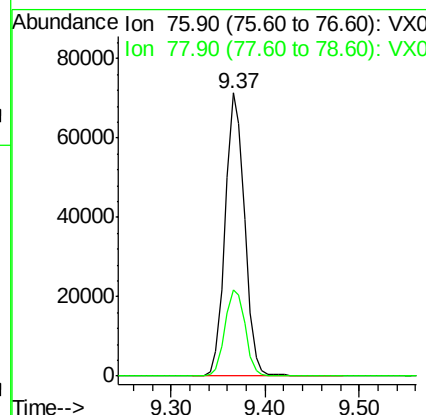
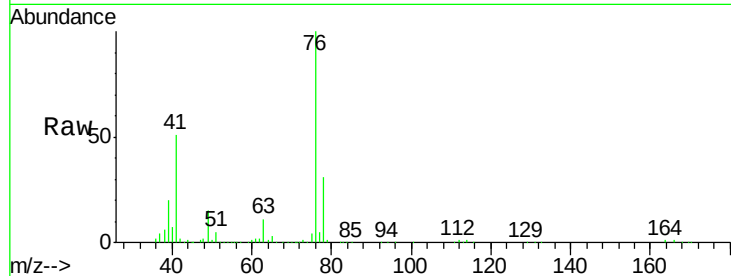
#57
 1,3-Dichloropropane
 Concen: 20.332 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion: 76 Resp: 101845
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1

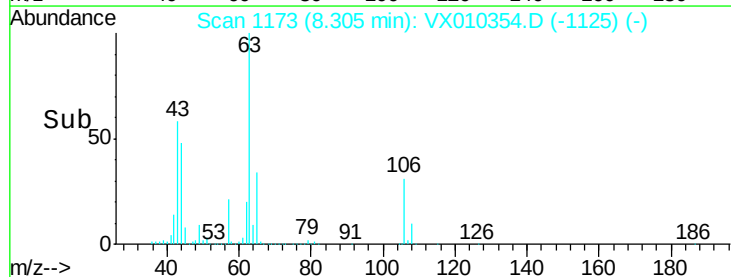
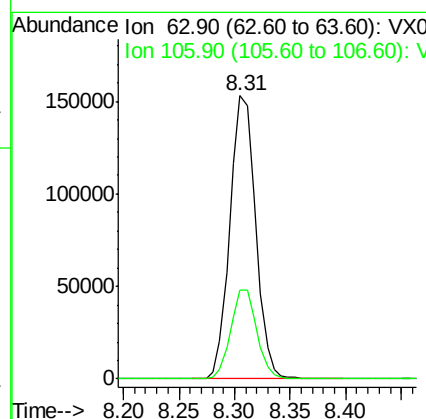
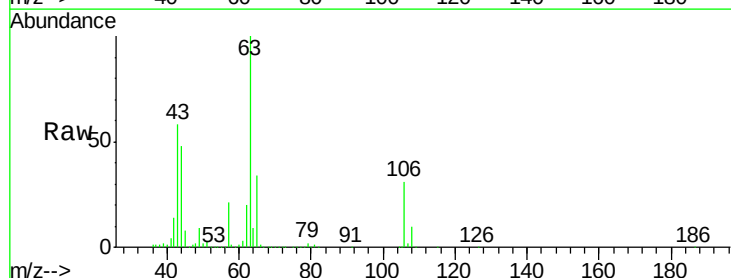
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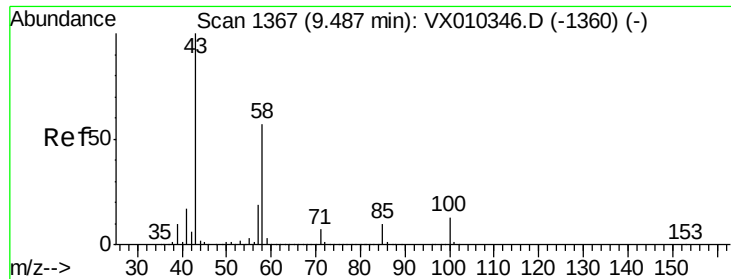
MMDadoda
 6/21/2019 11:35:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.051 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Tgt Ion: 63 Resp: 246201
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.7 37.1





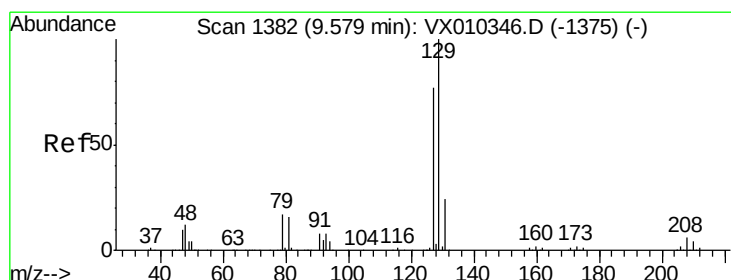
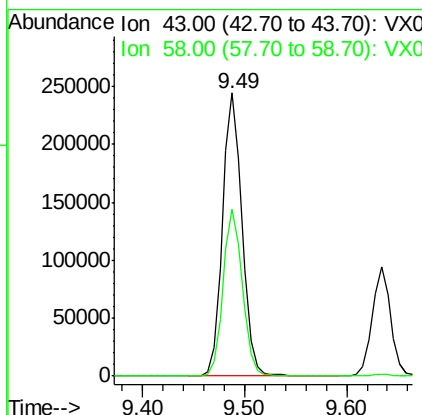
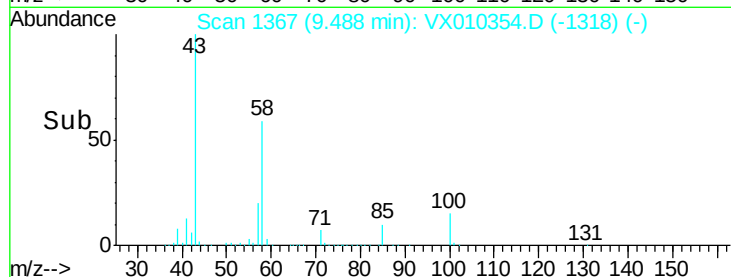
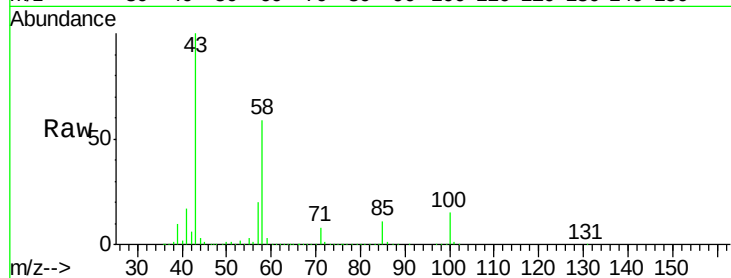
#59
2-Hexanone
Concen: 99.798 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion: 43 Resp: 326066
Ion Ratio Lower Upper
43 100
58 58.3 29.0 87.1

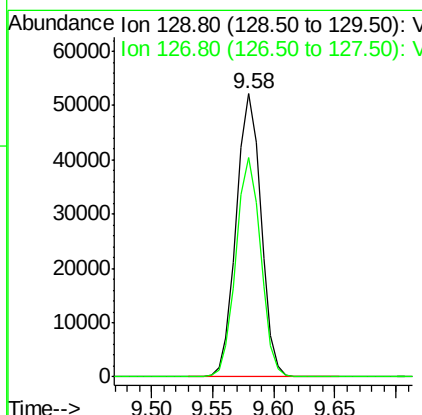
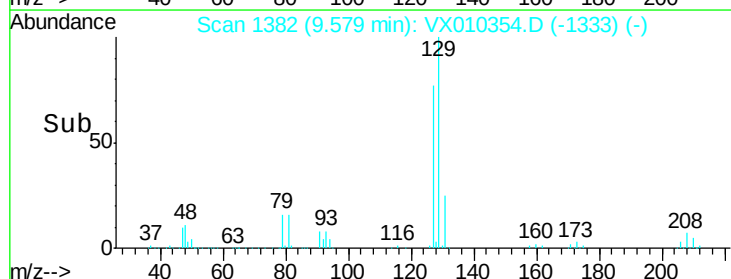
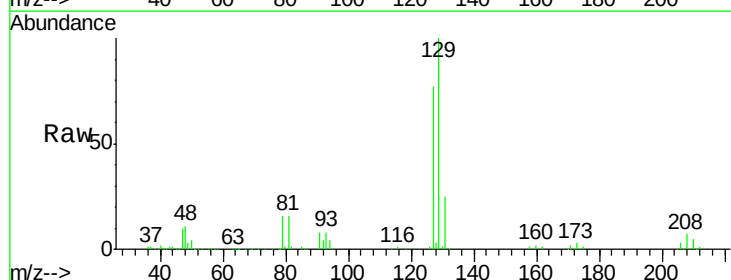
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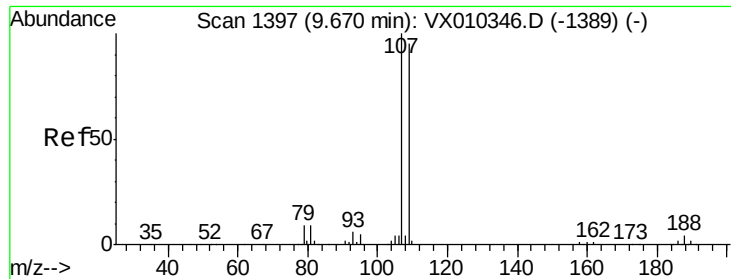
MMDadoda
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#60
Dibromochloromethane
Concen: 20.273 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion: 129 Resp: 73245
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.1





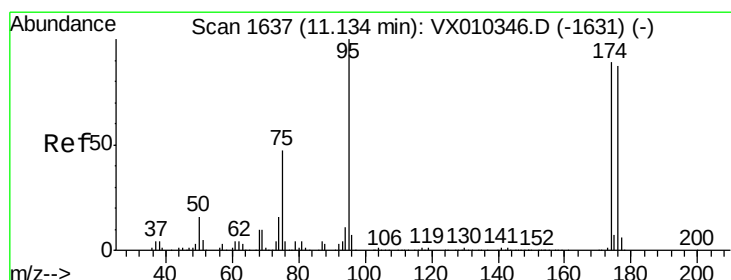
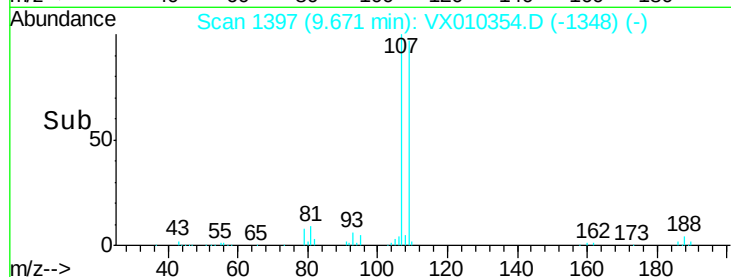
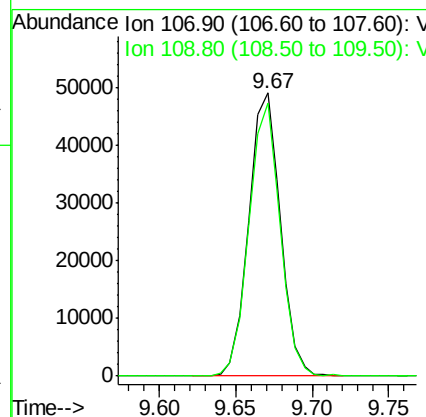
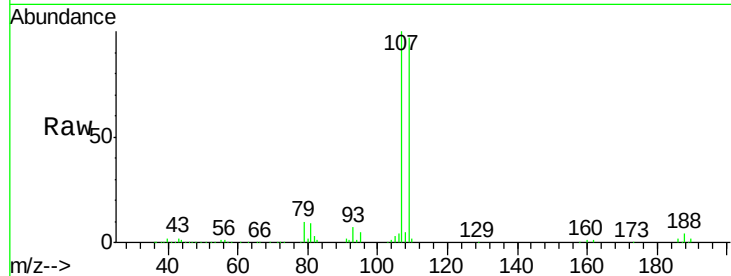
#61
 1,2-Dibromoethane
 Concen: 20.229 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion:107 Resp: 70458
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.8 113.6

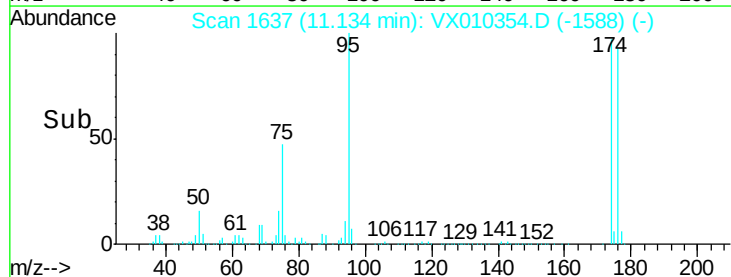
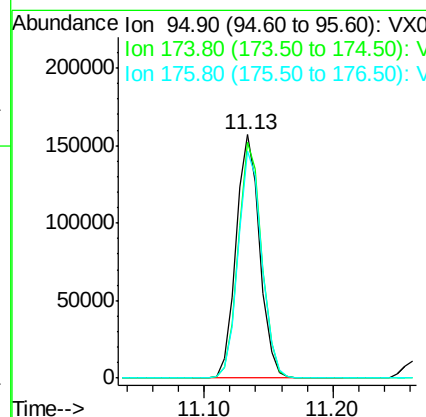
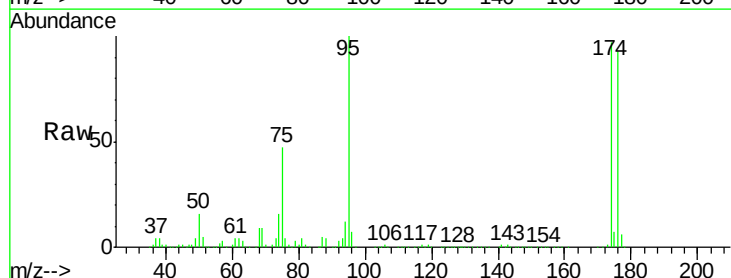
Manual Integrations
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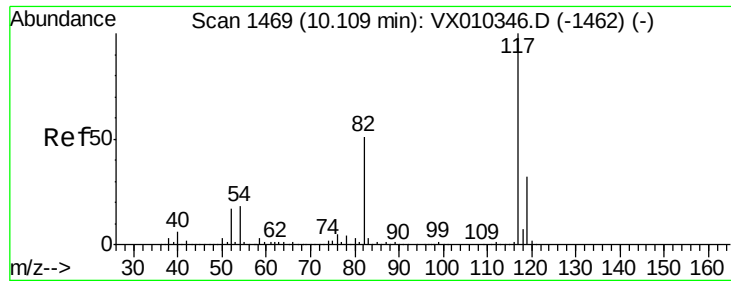
MMDadoda
 6/21/2019 11:35:03 AM



#62
 4-Bromofluorobenzene
 Concen: 49.698 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Tgt Ion: 95 Resp: 201551
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 187.6
 176 93.2 0.0 184.0





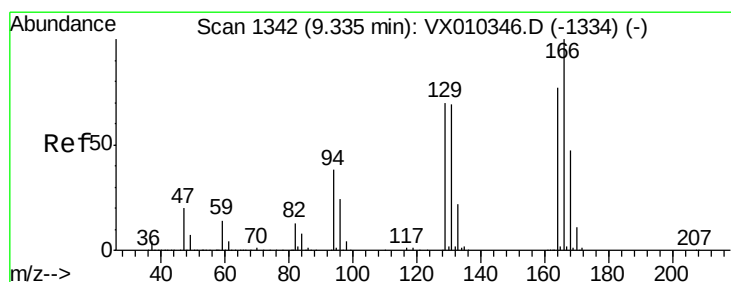
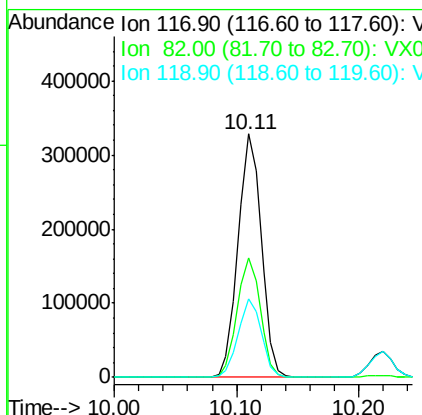
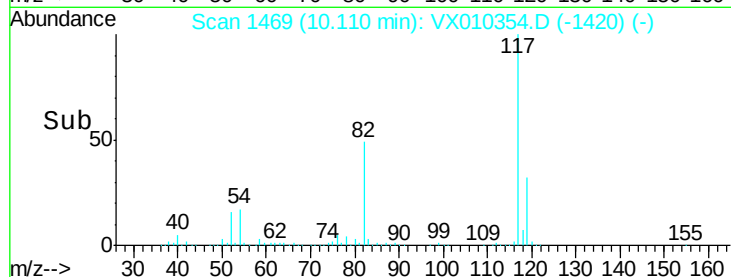
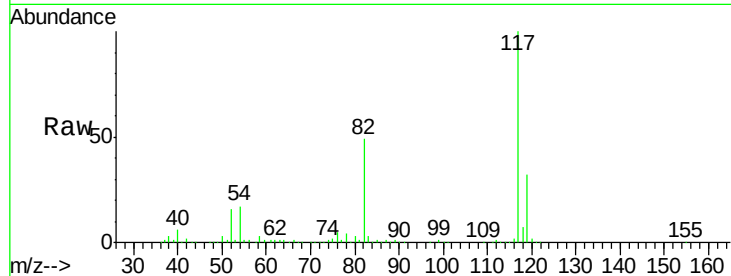
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	432864		
82	48.9		41.2	61.8
119	32.4		25.5	38.3

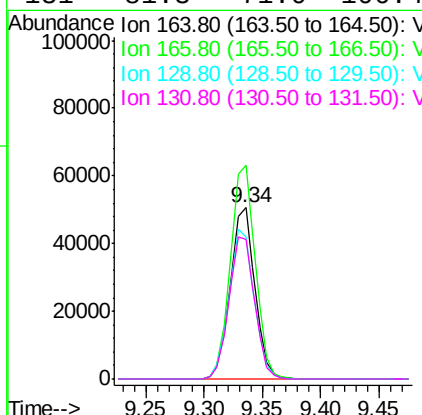
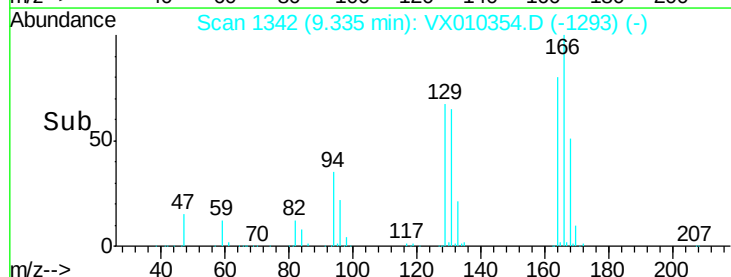
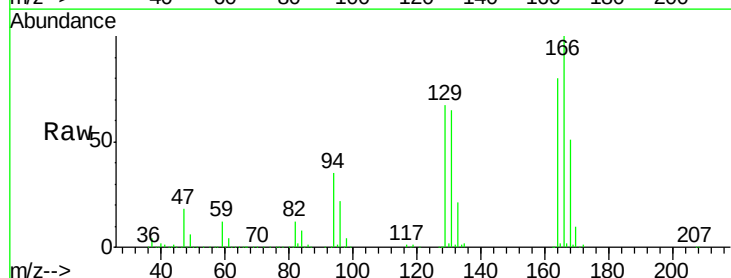
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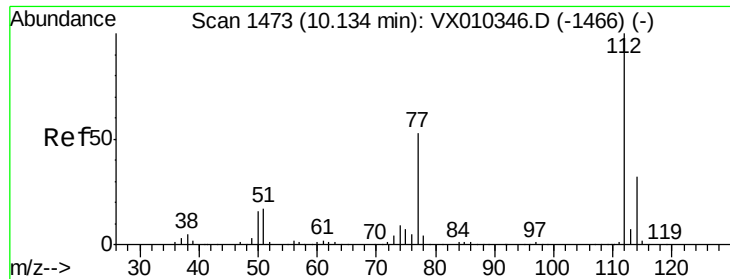
MMDadoda
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#64
Tetrachloroethene
Concen: 21.254 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74414		
166	124.9		103.6	155.4
129	83.2		73.0	109.4
131	81.3		71.0	106.4





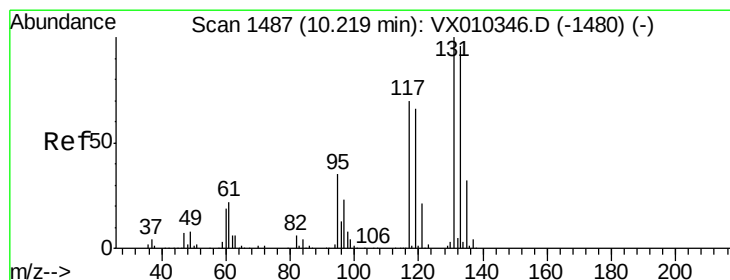
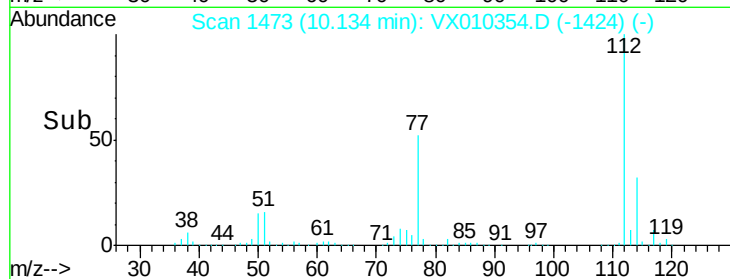
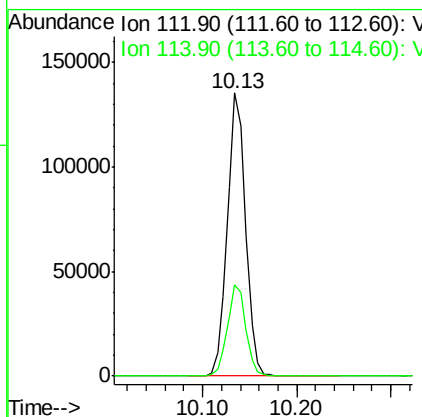
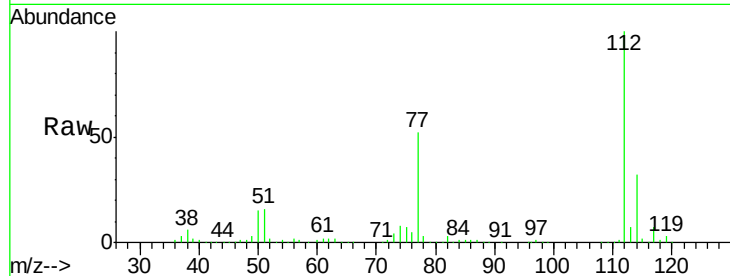
#65
Chlorobenzene
Concen: 20.724 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion:112 Resp: 182122
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

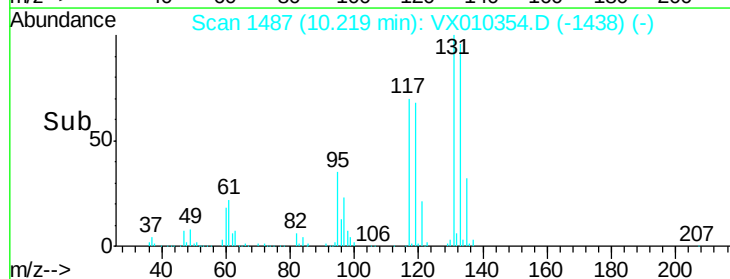
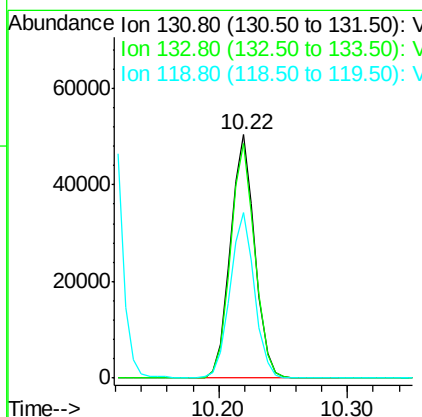
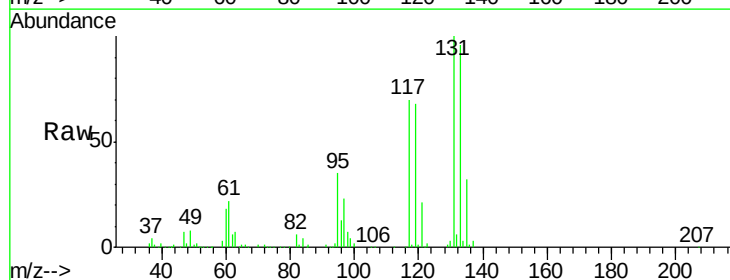
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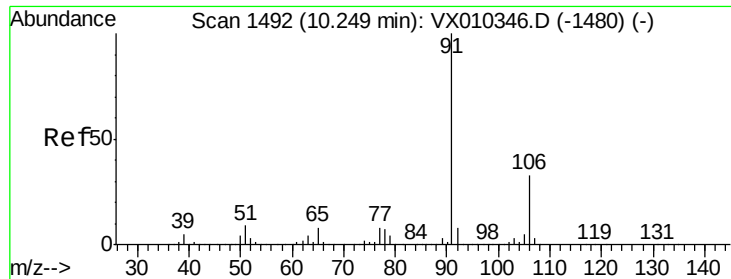
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.805 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion:131 Resp: 66596
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 68.1 32.6 97.7





#67

Ethyl Benzene

Concen: 20.779 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 91 Resp: 308273

Ion Ratio Lower Upper

91 100

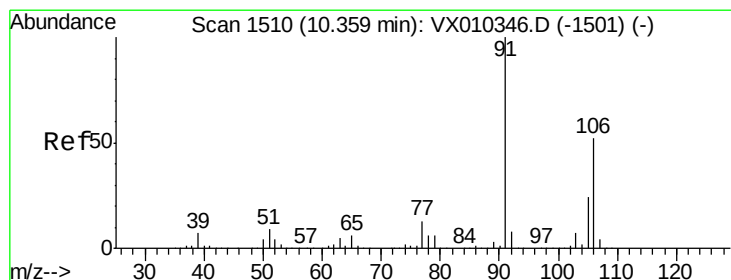
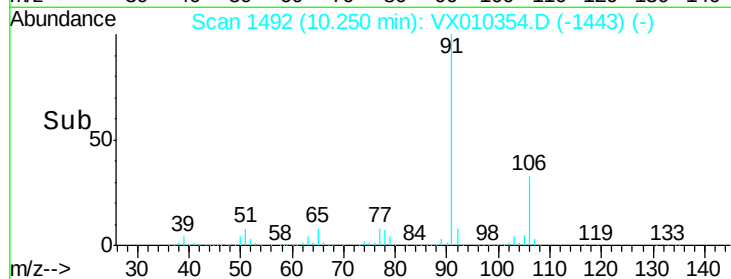
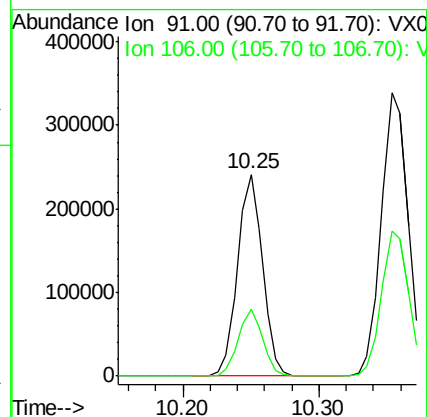
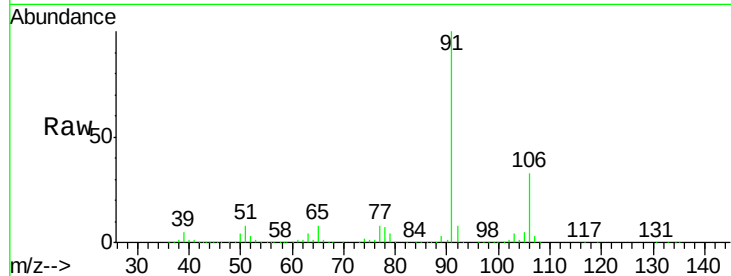
106 33.1 26.2 39.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 42.280 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010354.D

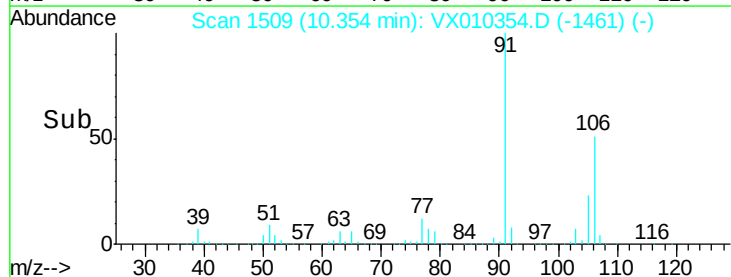
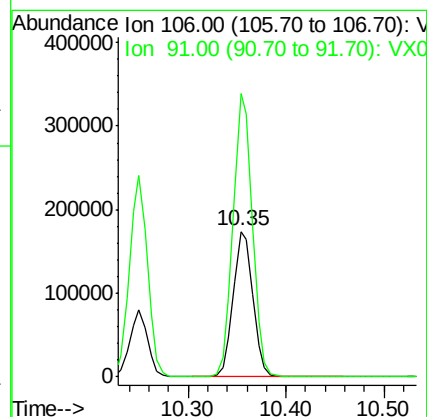
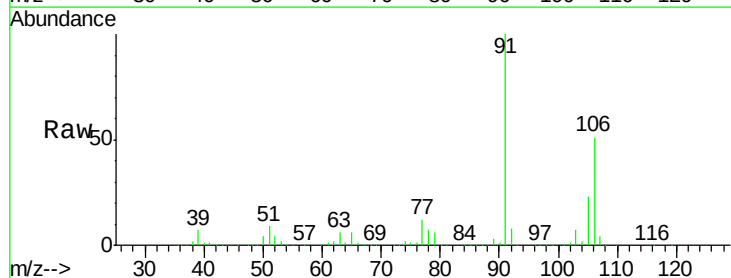
Acq: 20 Jun 2019 12:49

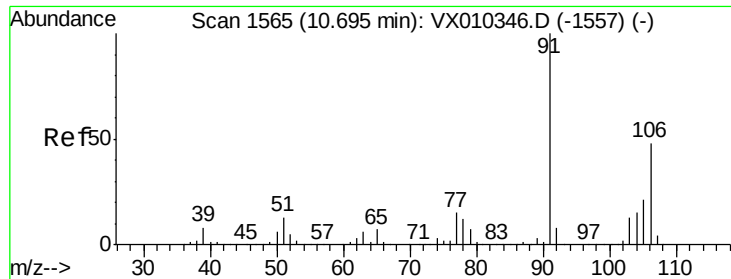
Tgt Ion: 106 Resp: 243050

Ion Ratio Lower Upper

106 100

91 190.9 155.3 232.9





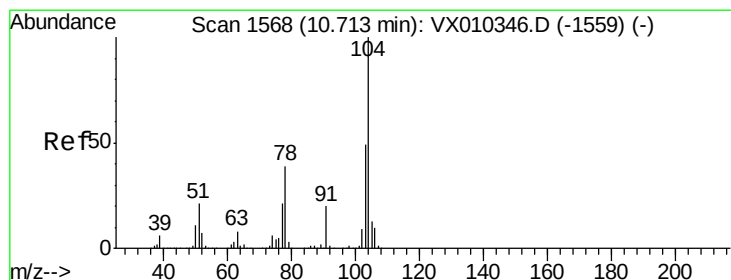
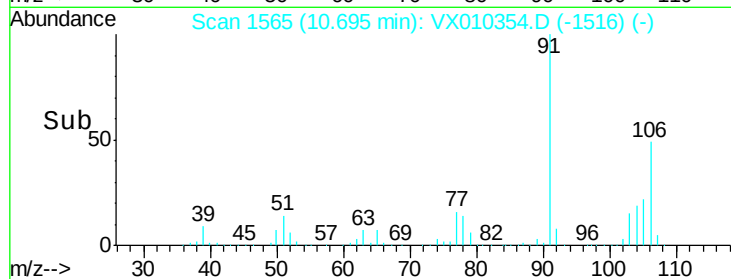
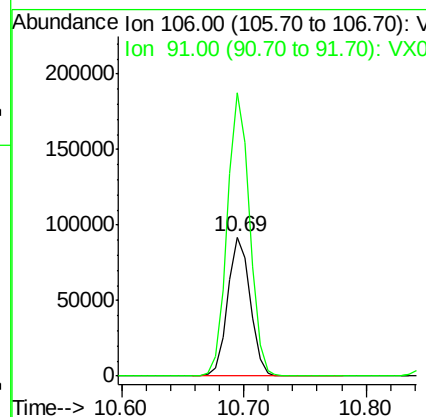
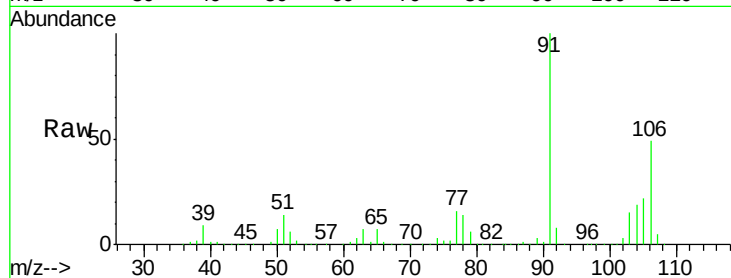
#69
o-Xylene
Concen: 20.843 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion:106 Resp: 117829
Ion Ratio Lower Upper
106 100
91 201.0 102.7 308.1

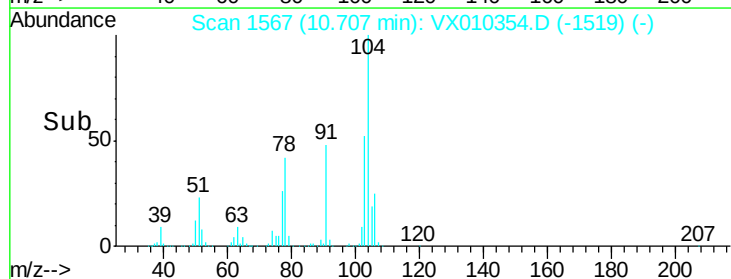
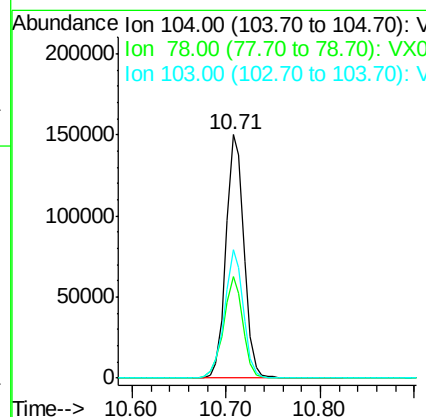
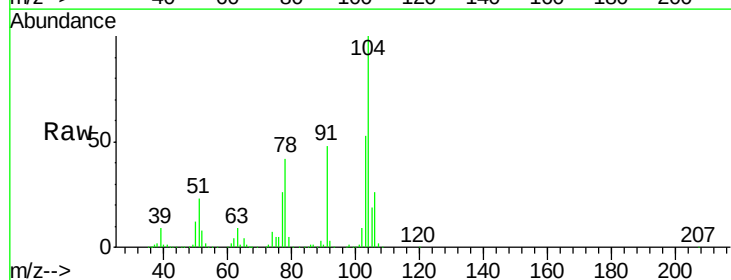
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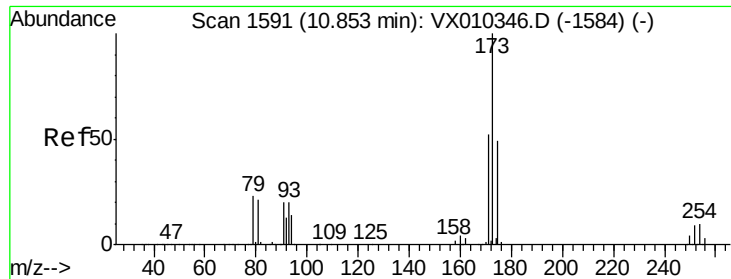
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#70
Styrene
Concen: 20.951 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion:104 Resp: 198630
Ion Ratio Lower Upper
104 100
78 44.9 36.2 54.2
103 55.1 44.2 66.4





#71

Bromoform

Concen: 21.086 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:173 Resp: 58697

Ion Ratio Lower Upper

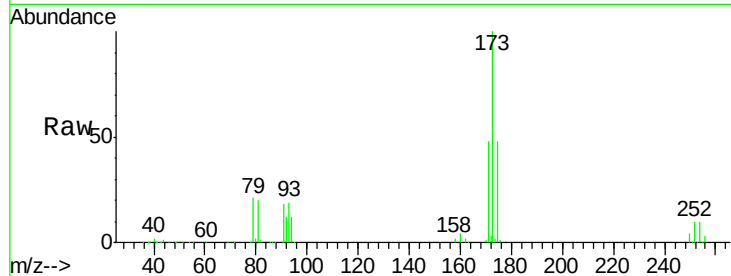
173 100

175 48.3 24.1 72.3

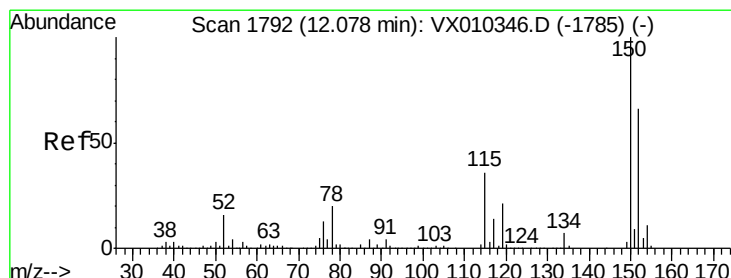
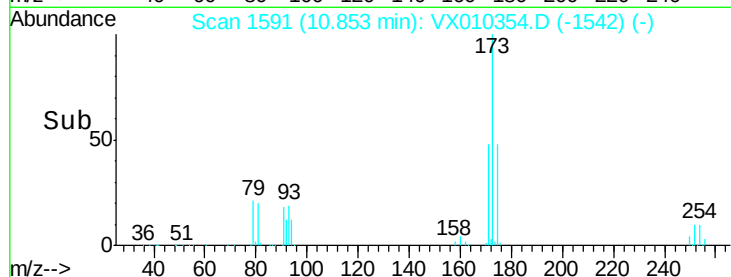
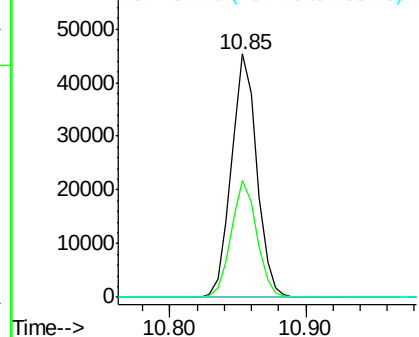
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

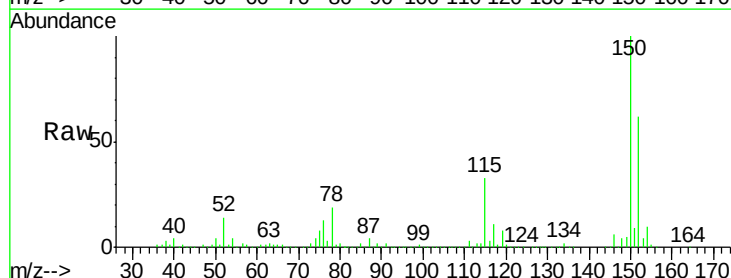
Tgt Ion:152 Resp: 223543

Ion Ratio Lower Upper

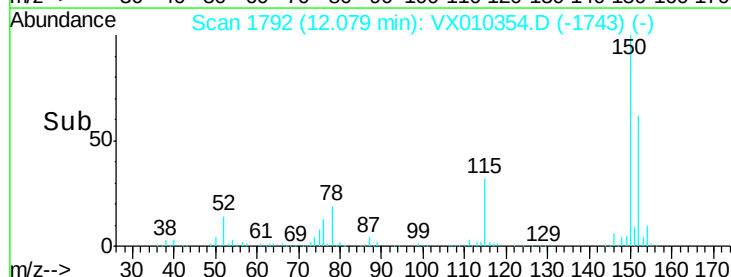
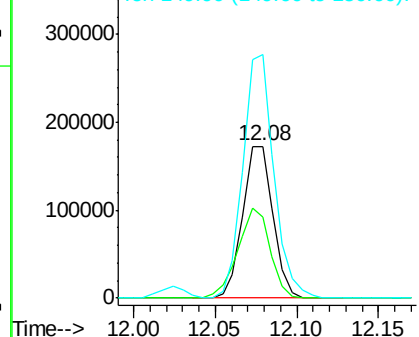
152 100

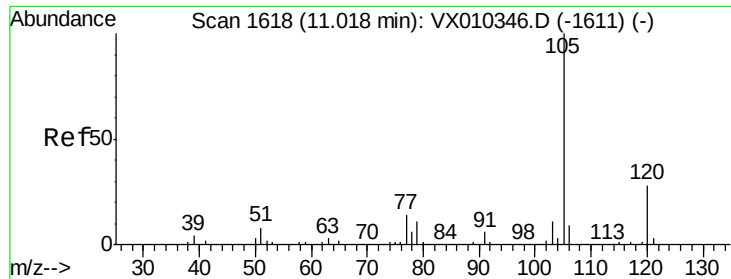
115 63.3 38.6 115.7

150 164.1 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.834 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:105 Resp: 315711

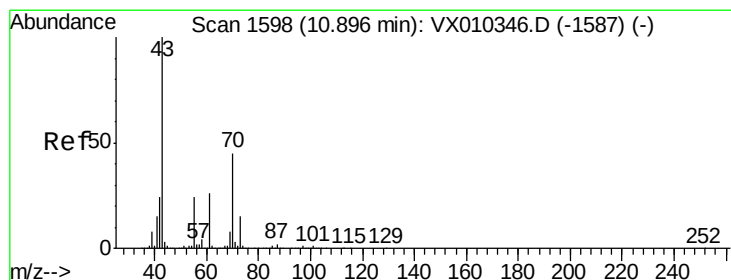
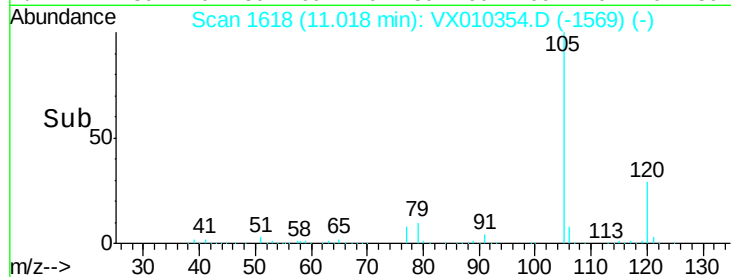
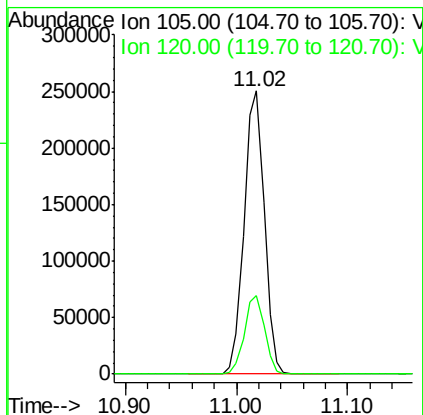
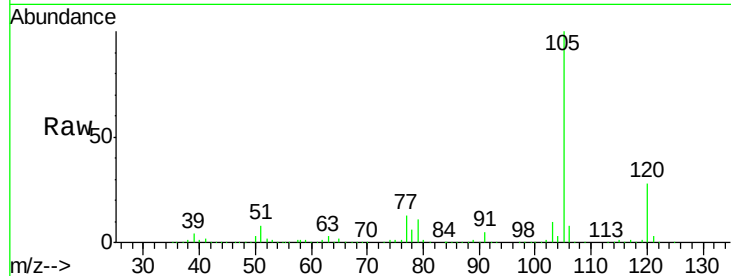
Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4

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#74

N-ethyl acetate

Concen: 20.256 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Tgt Ion: 43 Resp: 116000

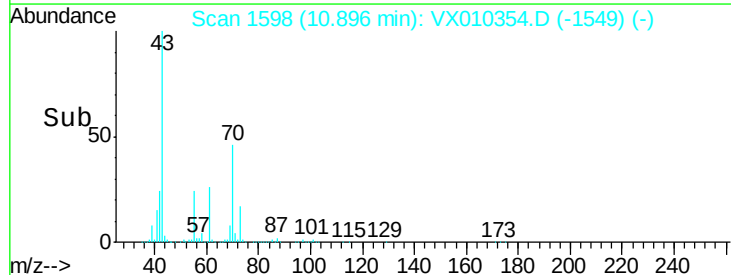
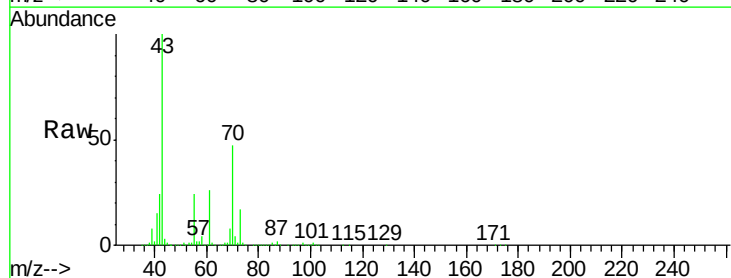
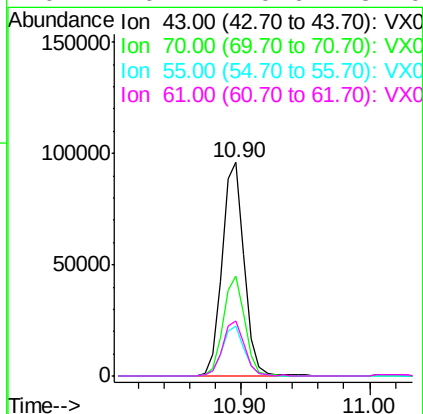
Ion Ratio Lower Upper

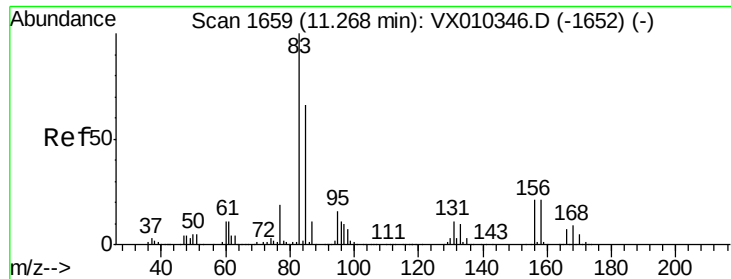
43 100

70 46.3 36.6 54.8

55 23.5 18.7 28.1

61 26.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.112 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 83 Resp: 100932

Ion Ratio Lower Upper

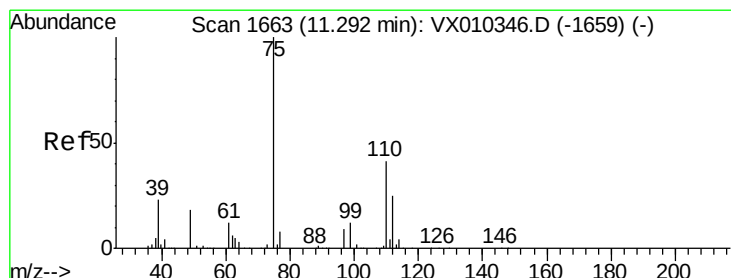
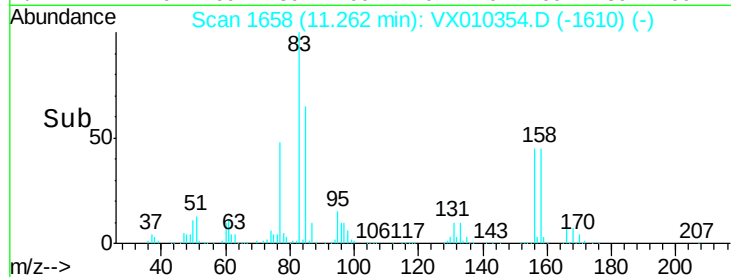
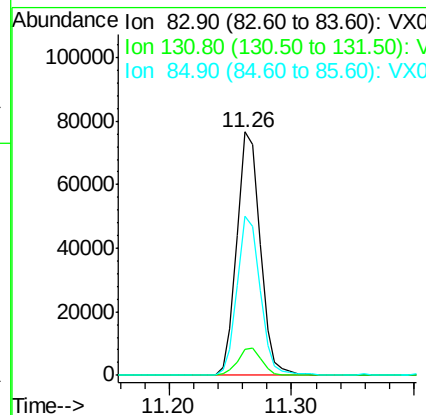
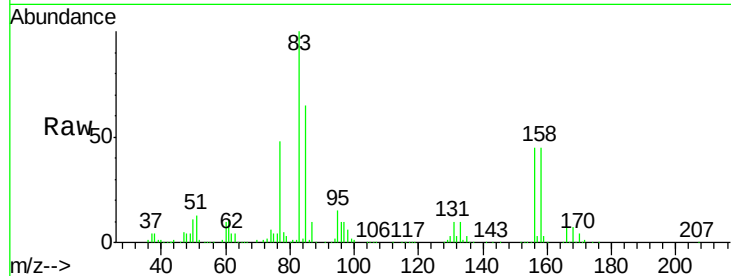
83 100

131 11.3 5.5 16.4

85 65.0 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.930 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010354.D

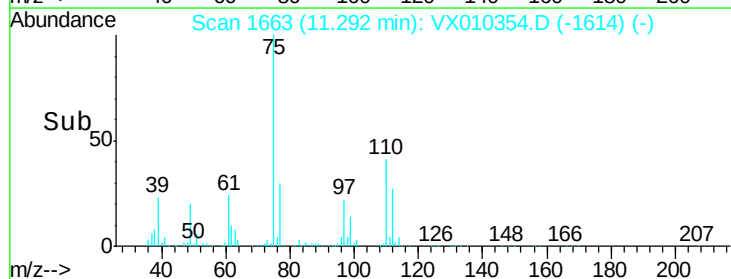
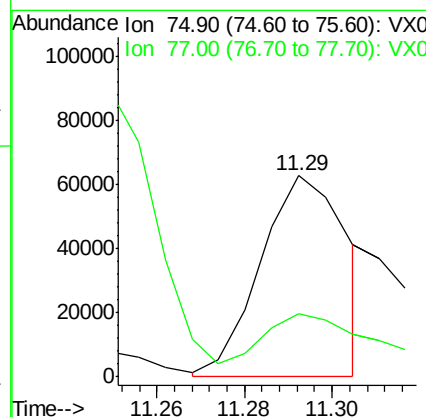
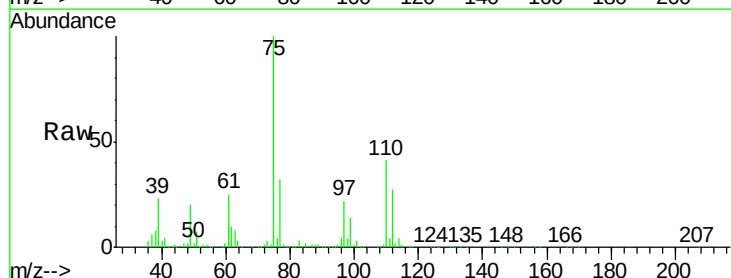
Acq: 20 Jun 2019 12:49

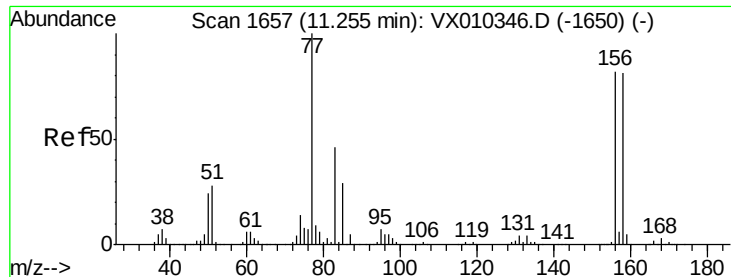
Tgt Ion: 75 Resp: 85261

Ion Ratio Lower Upper

75 100

77 42.6 22.6 67.8





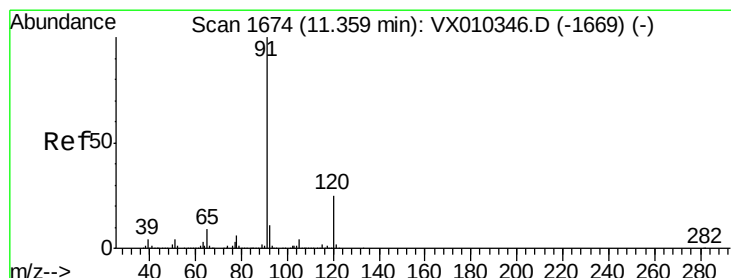
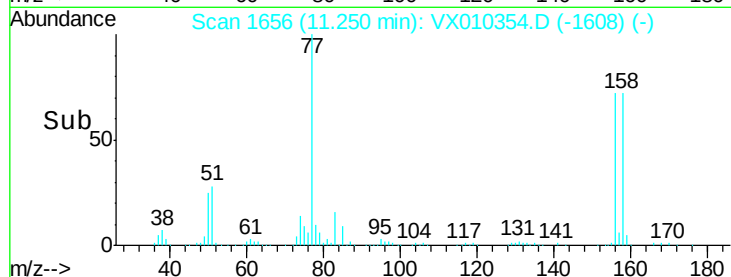
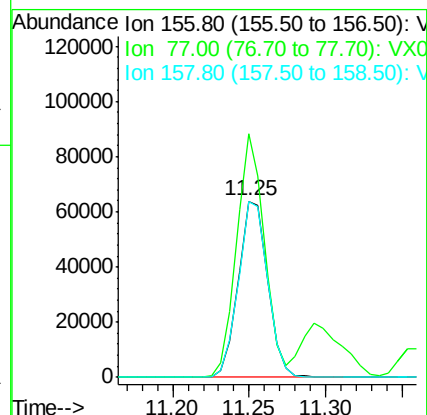
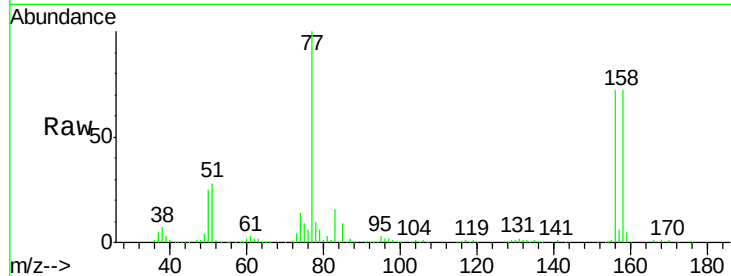
#77
Bromobenzene
Concen: 20.095 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	131.4	66.3	198.7
158	99.5	48.9	146.7

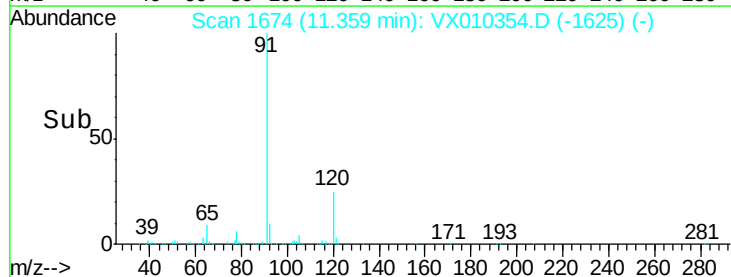
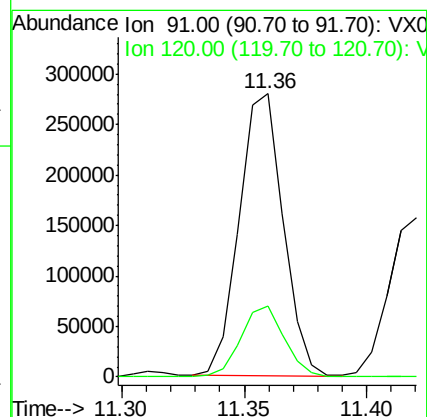
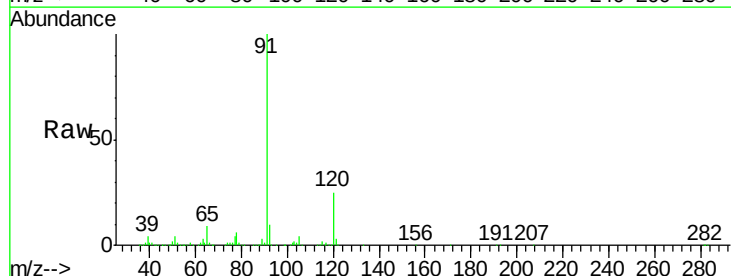
Manual Integrations
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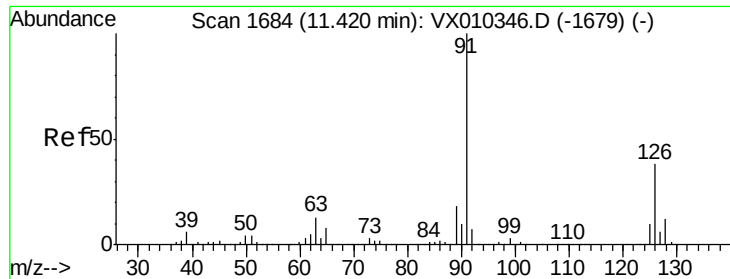
MMDadoda
6/21/2019 11:35:03 AM



#78
n-propylbenzene
Concen: 21.022 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.4	37.4





#79

2-Chlorotoluene

Concen: 20.238 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 91 Resp: 200701

Ion Ratio Lower Upper

91 100

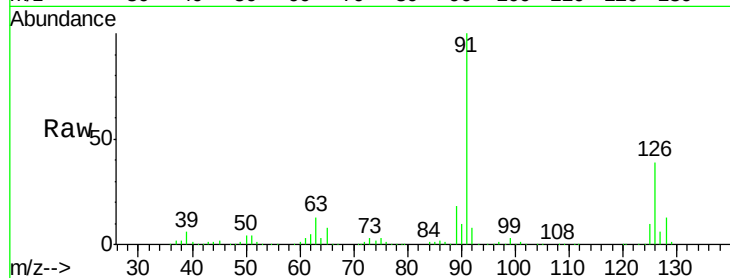
126 38.1 18.7 56.1

Manual Integrations

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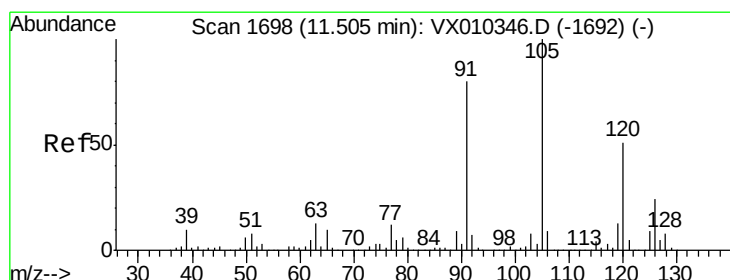
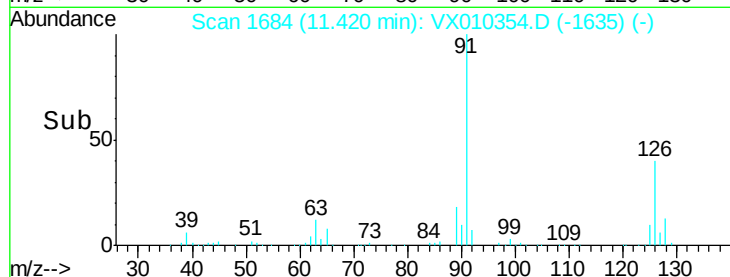
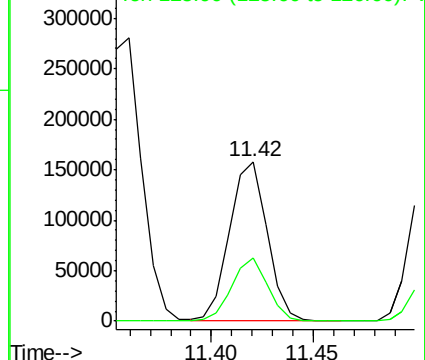
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.846 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010354.D

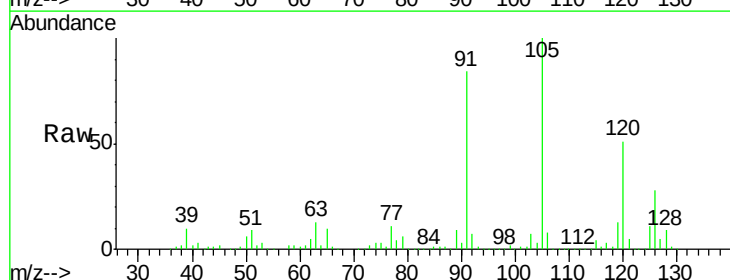
Acq: 20 Jun 2019 12:49

Tgt Ion:105 Resp: 260414

Ion Ratio Lower Upper

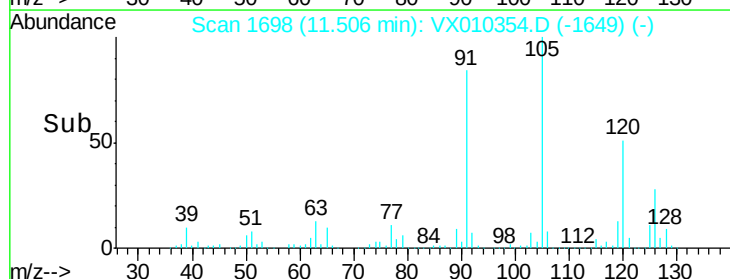
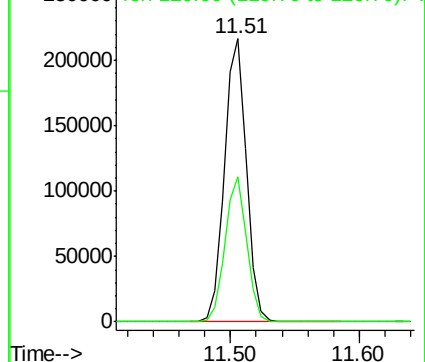
105 100

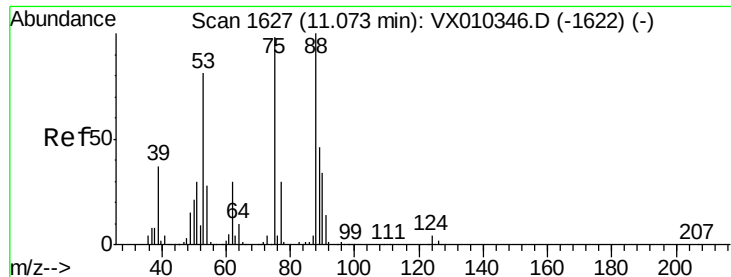
120 50.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





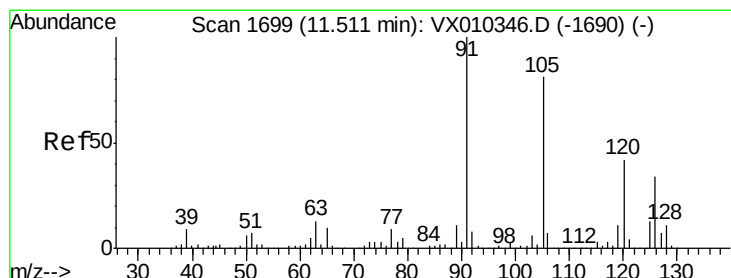
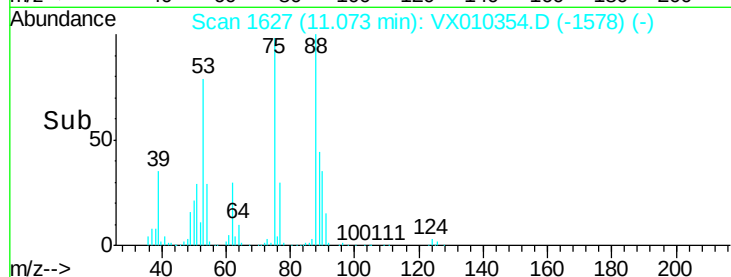
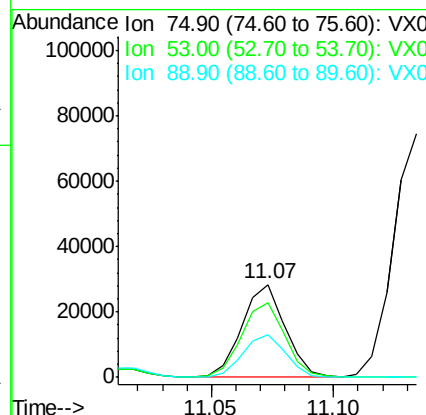
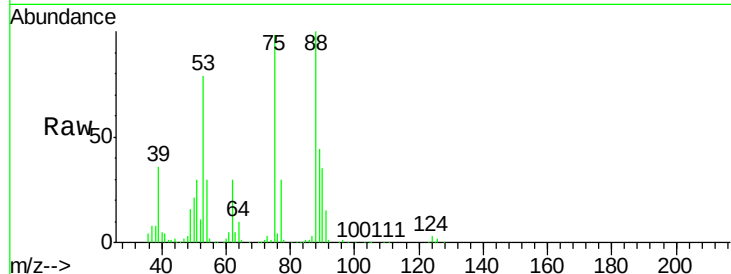
#81
trans-1,4-Dichloro-2-butene
Concen: 19.808 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.2	66.1	99.1
89	46.3	37.8	56.6

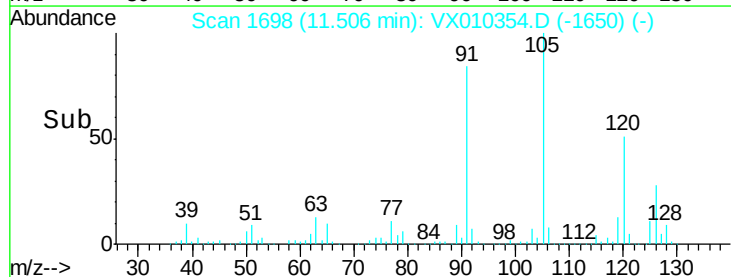
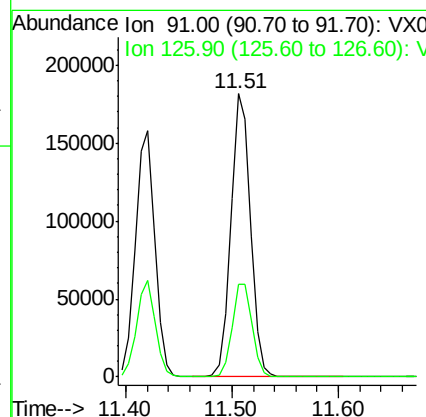
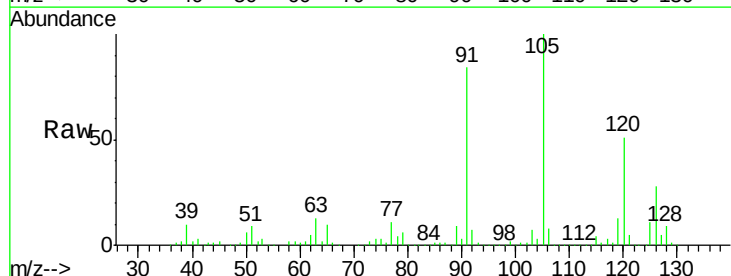
Manual Integrations
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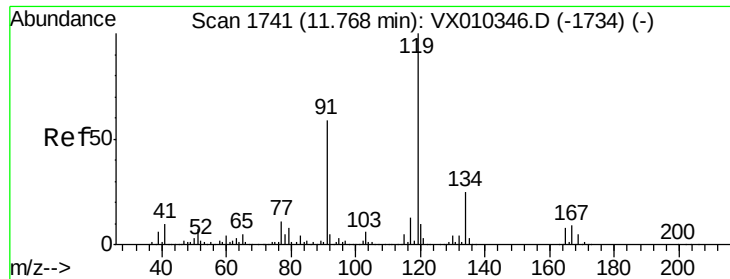
MMDadoda
6/21/2019 11:35:03 AM



#82
4-Chlorotoluene
Concen: 20.749 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.2	48.6





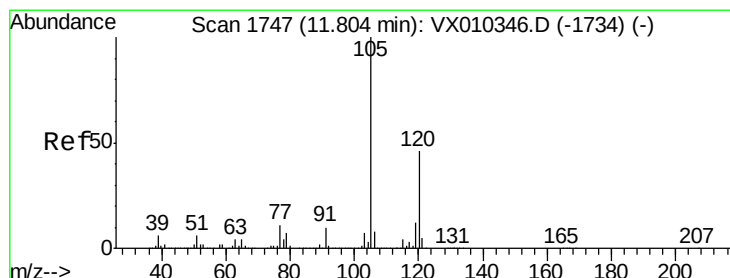
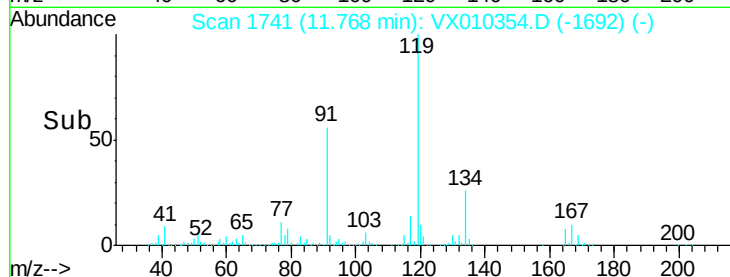
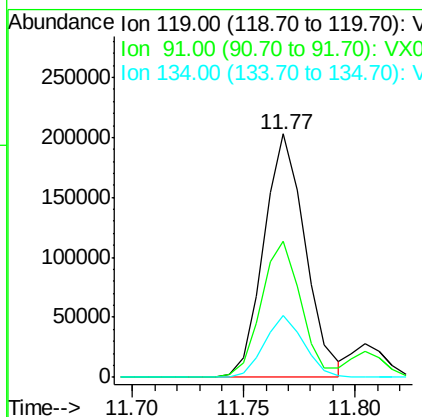
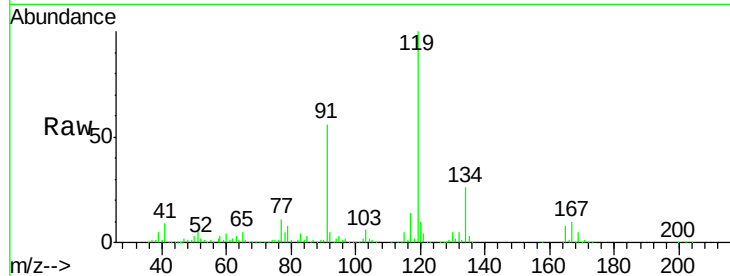
#83
 tert-Butylbenzene
 Concen: 20.884 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0620WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	261850		
91	54.5	27.6	82.7	
134	24.1	11.8	35.4	

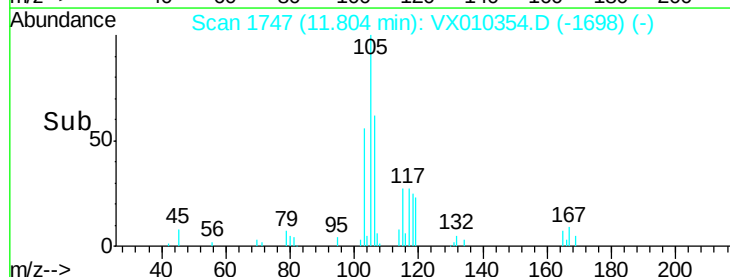
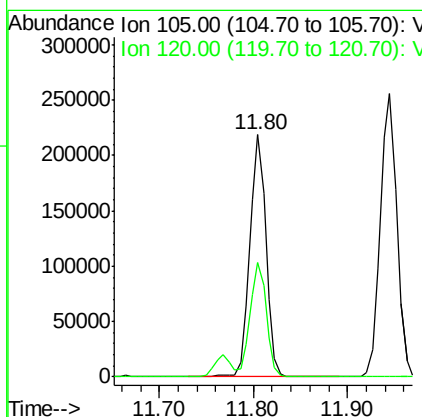
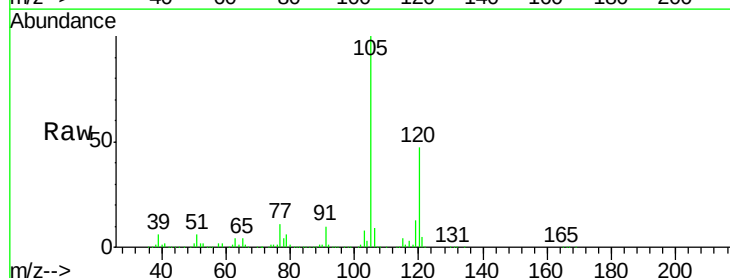
Manual Integrations
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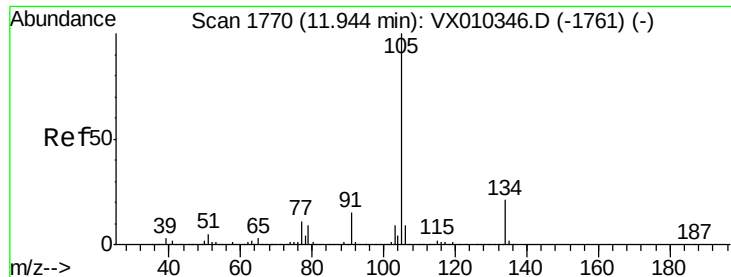
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.032 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263964		
120	47.5	23.1	69.2	





#85

sec-Butylbenzene

Concen: 21.202 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:105 Resp: 312125

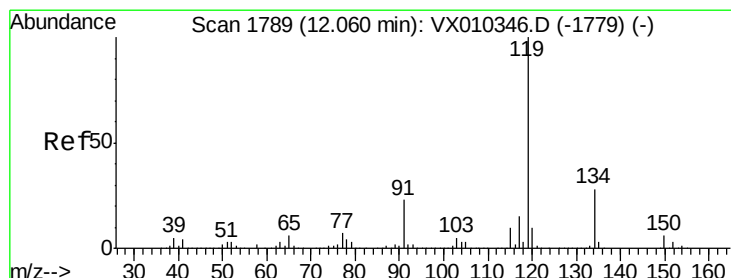
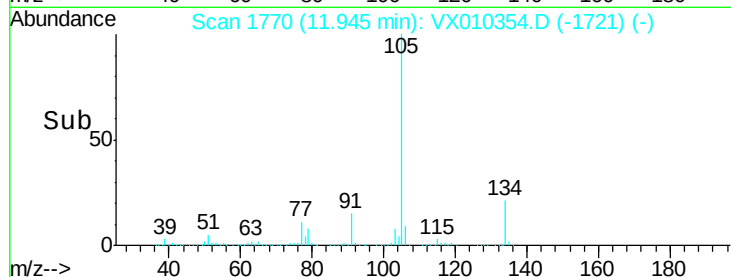
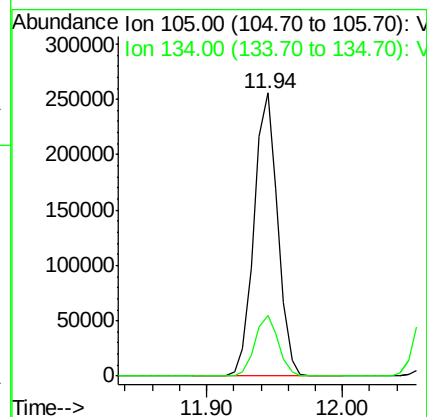
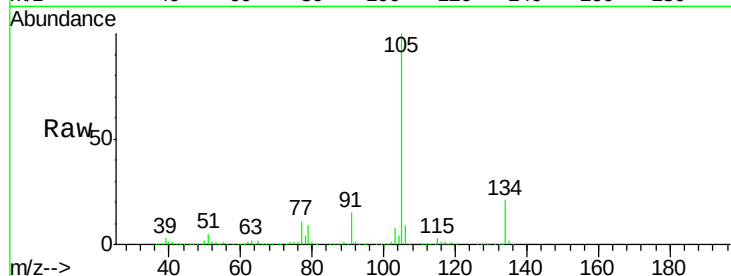
Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 21.477 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

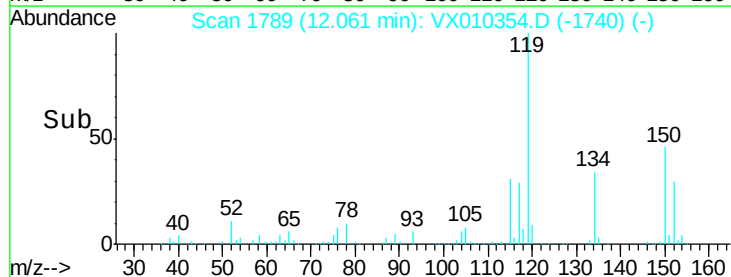
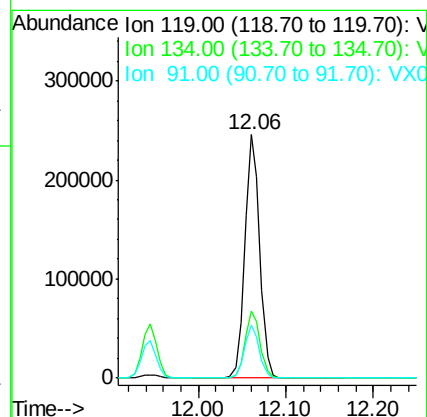
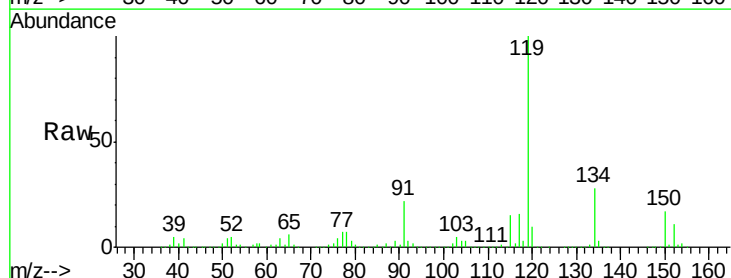
Tgt Ion:119 Resp: 292457

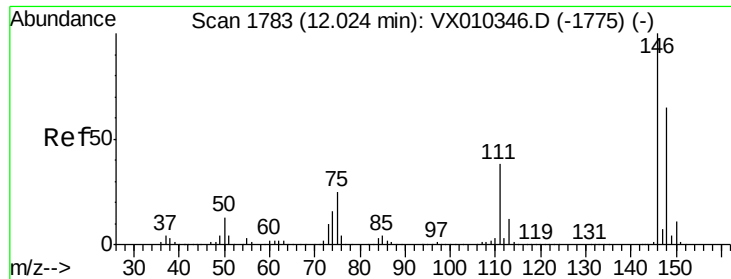
Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.1

91 22.0 11.3 33.8





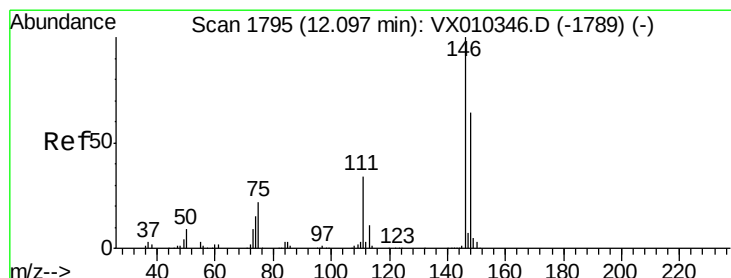
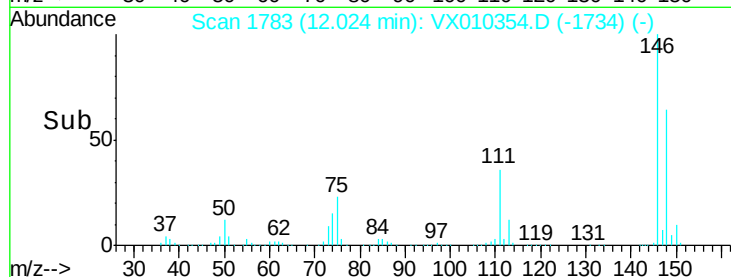
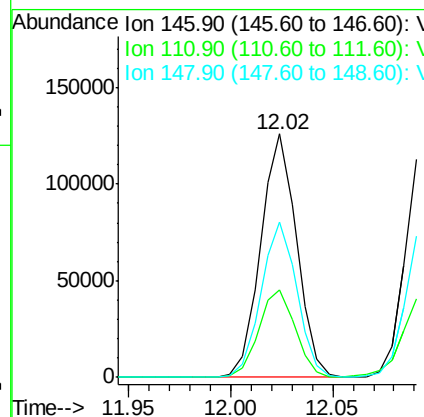
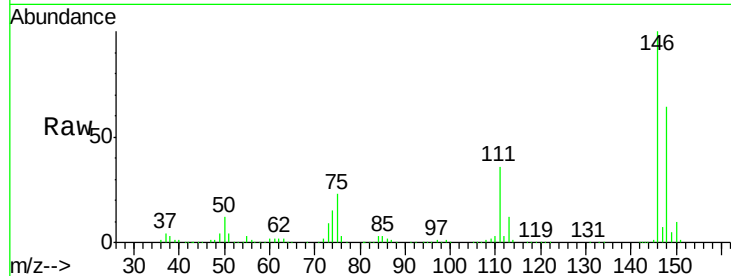
#87
 1,3-Dichlorobenzene
 Concen: 20.910 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.1	57.1
148	63.8	32.5	97.4

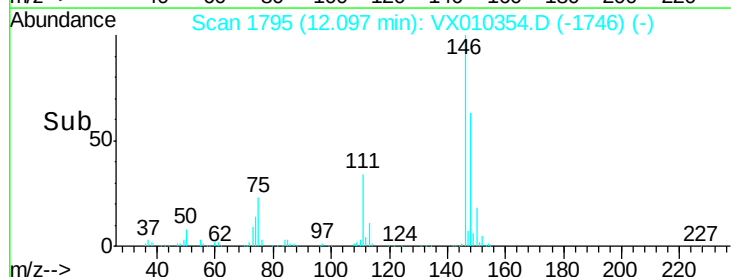
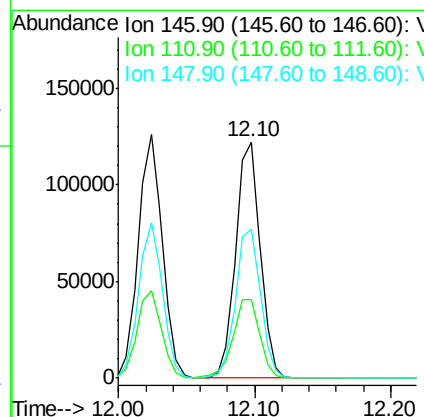
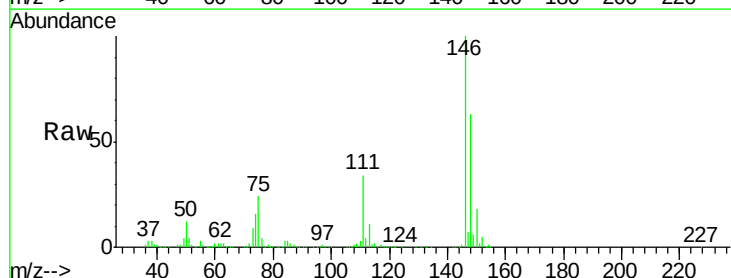
Manual Integrations
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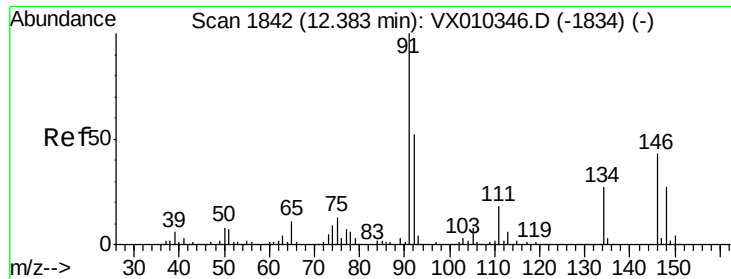
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#88
 1,4-Dichlorobenzene
 Concen: 20.339 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.3
148	64.4	32.1	96.3





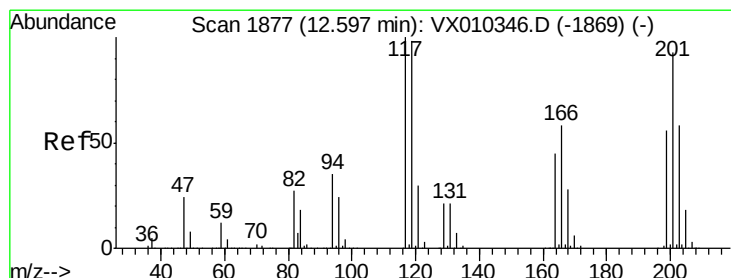
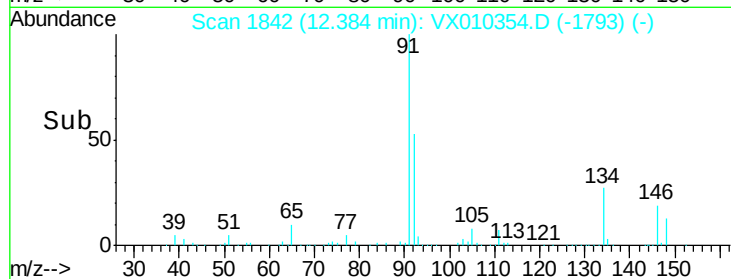
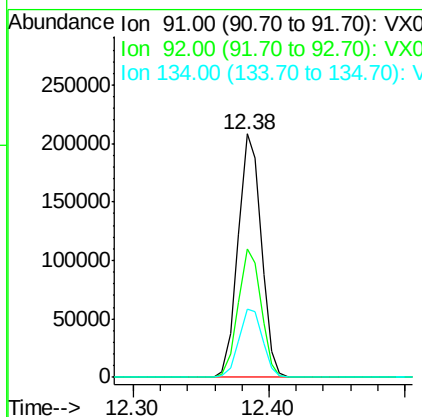
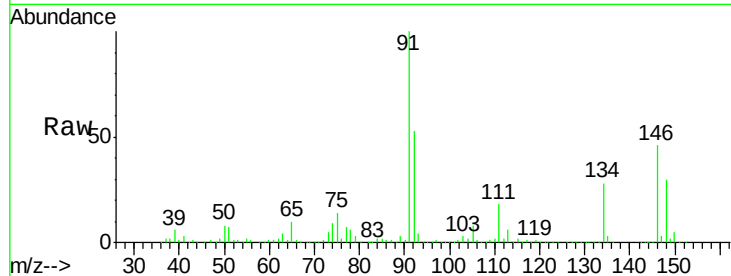
#89
n-Butylbenzene
Concen: 21.440 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	28.4	14.1	42.4

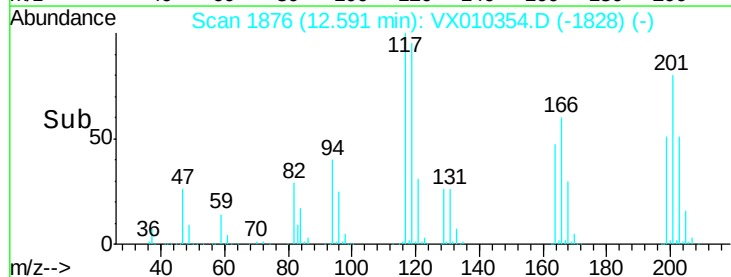
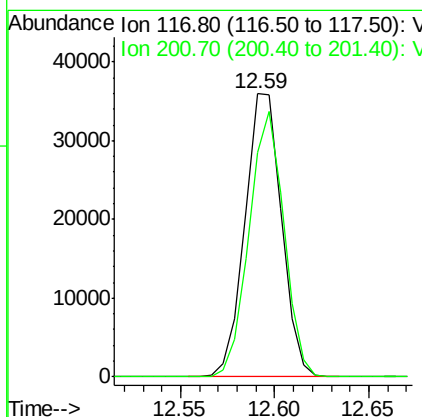
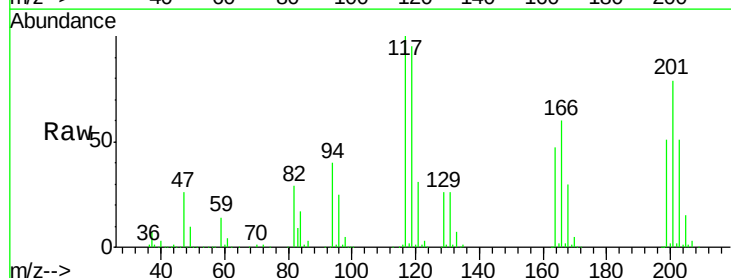
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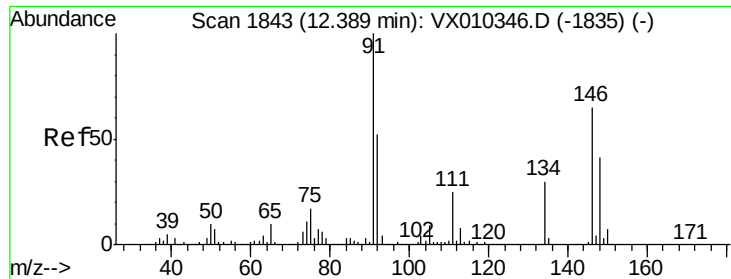
MMDadoda
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#90
Hexachloroethane
Concen: 20.584 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010354.D
Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.5	44.0	131.8





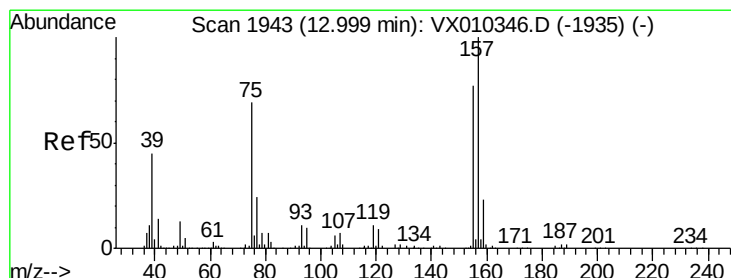
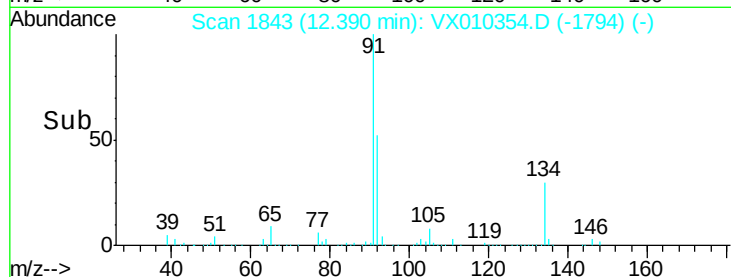
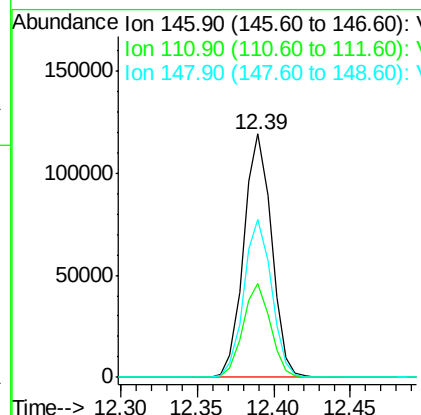
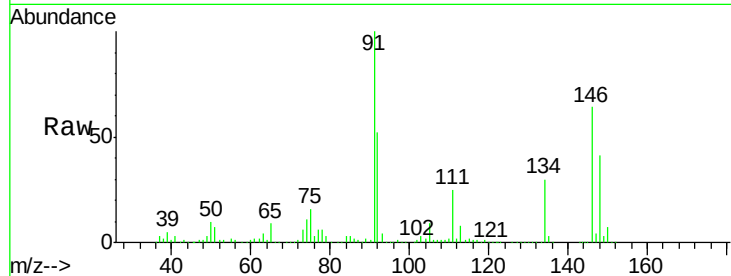
#91
 1,2-Dichlorobenzene
 Concen: 20.537 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	150755		
111	38.1	19.2	57.6	
148	64.7	32.0	96.0	

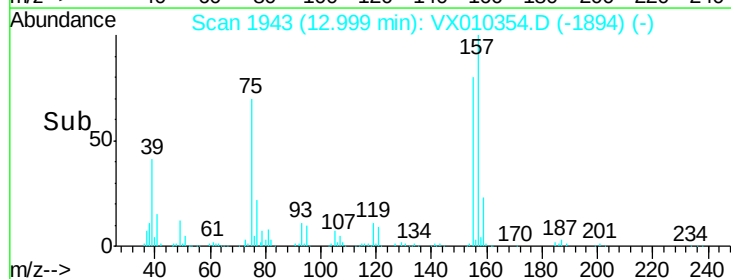
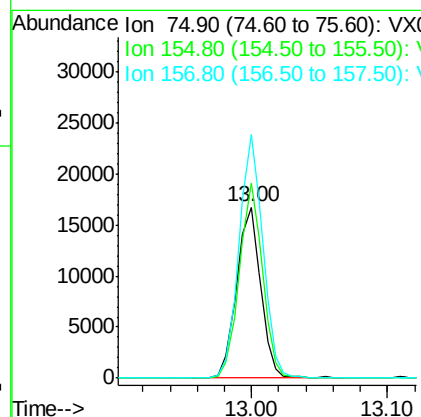
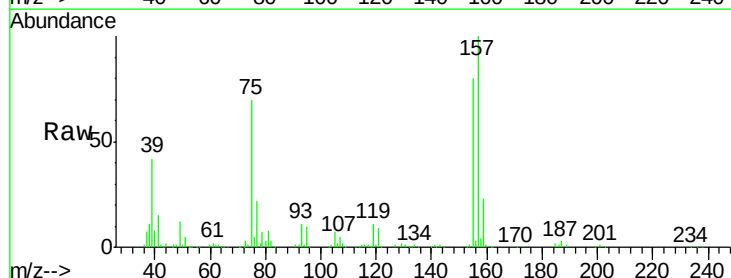
Manual Integrations
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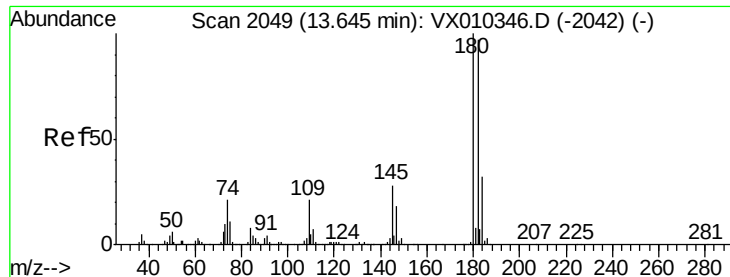
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.092 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010354.D
 Acq: 20 Jun 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20657		
155	109.5	54.4	163.1	
157	141.0	69.5	208.3	





#93

1,2,4-Trichlorobenzene

Concen: 21.631 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

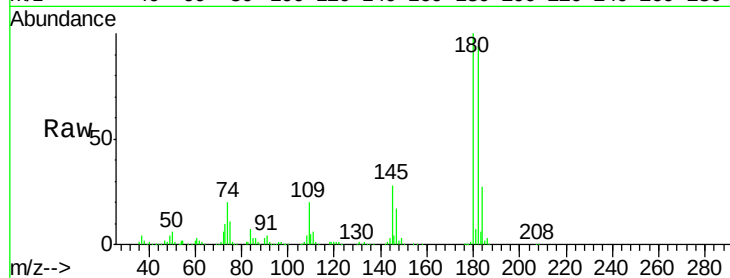
ClientSampleId :

VX0620WBSD01

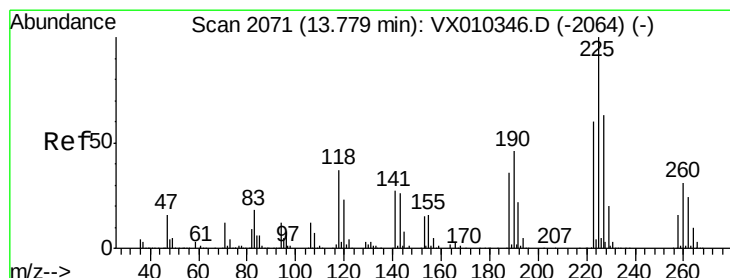
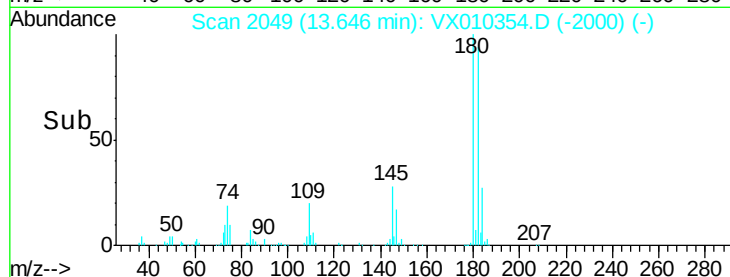
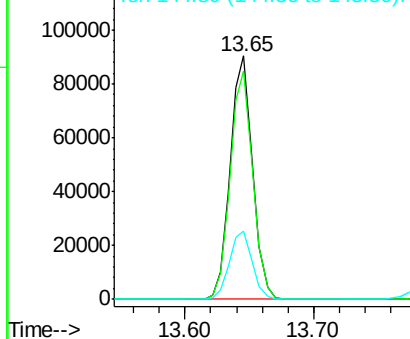
Tot Ion:	180	Resp:	110118
Ion Ratio		Lower	Upper
180	100		
182	95.1	48.0	144.0
145	28.7	14.4	43.4

Manual Integrations
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6/21/2019 11:35:03 AM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 21.714 ug/l

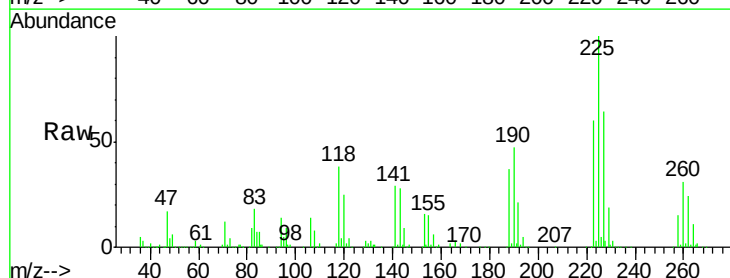
RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

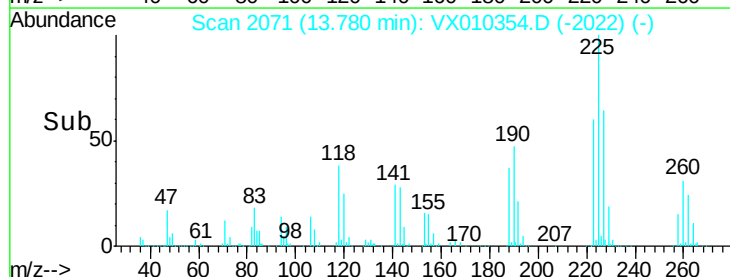
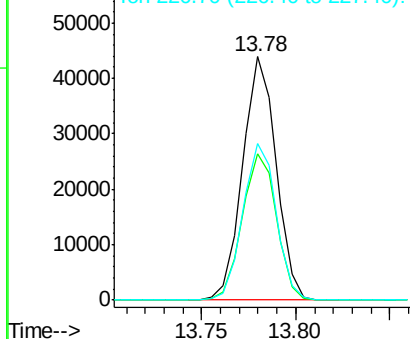
Lab File: VX010354.D

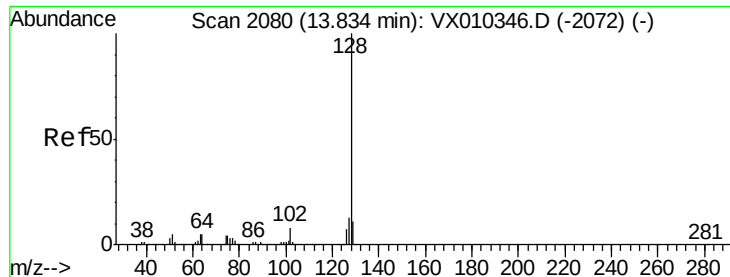
Acq: 20 Jun 2019 12:49

Tgt Ion:	225	Resp:	54024
Ion Ratio		Lower	Upper
225	100		
223	61.3	30.9	92.7
227	64.0	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.927 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Instrument :

MSVOA_X

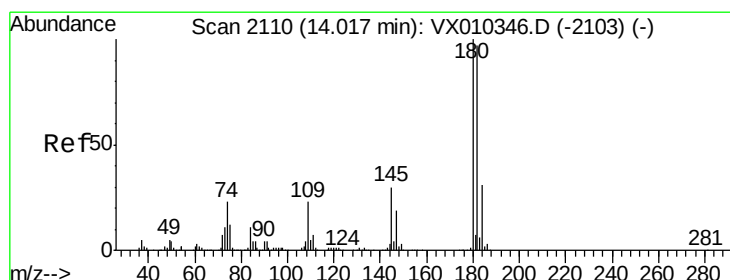
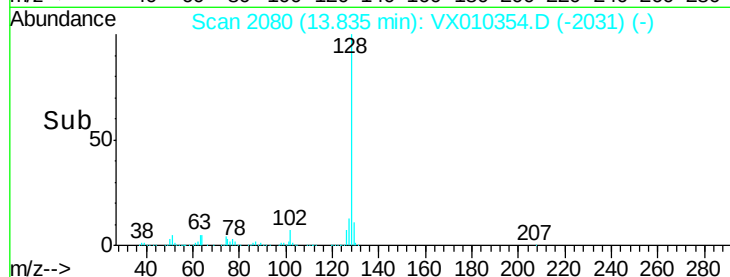
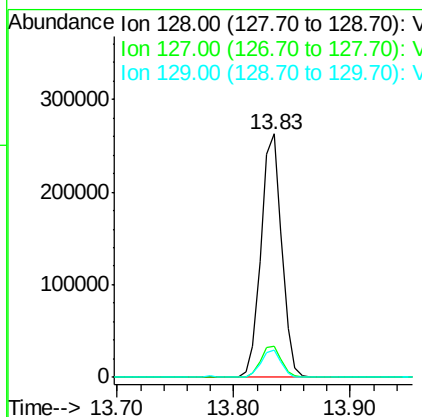
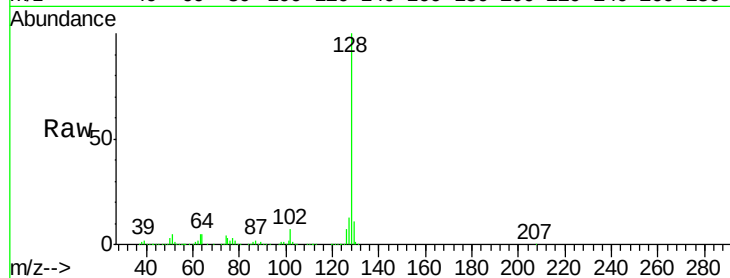
ClientSampleId :

VX0620WBSD01

Tot Ion:	128	Resp:	327385
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
6/21/2019 11:35:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.344 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010354.D

Acq: 20 Jun 2019 12:49

Tgt Ion:	180	Resp:	108033
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.8	143.3
145	30.5	15.2	45.6

