

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012852.D
 Acq On : 07 Oct 2019 20:40
 Operator : JC/SP
 Sample : K5154-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMS

Manual Integrations
 APPROVED

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 10/8/2019 2:06:57 PM

Quant Time: Oct 08 12:32:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	111461	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	5.49	113	86341	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	8.71	98	321149	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	131936	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	59198	33.057	ug/l	100
3) Chloromethane	1.31	50	76167	37.040	ug/l	99
4) Vinyl Chloride	1.40	62	86850	42.492	ug/l	94
5) Bromomethane	1.62	94	24774	30.828	ug/l	98
6) Chloroethane	1.70	64	65062	47.219	ug/l	98
7) Trichlorofluoromethane	1.91	101	114433	39.876	ug/l	99
8) Diethyl Ether	2.18	74	52601	44.728	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70589	40.386	ug/l	98
10) Methyl Iodide	2.50	142	63583	36.063	ug/l	93
11) Tert butyl alcohol	3.04	59	140253	242.207	ug/l	98
12) 1,1-Dichloroethene	2.36	96	78120	45.644	ug/l	90
13) Acrolein	2.28	56	68509	213.923	ug/l	98
14) Allyl chloride	2.72	41	148216	43.649	ug/l #	95
15) Acrylonitrile	3.13	53	284434	242.114	ug/l	99
16) Acetone	2.44	43	241277	196.508	ug/l	95
17) Carbon Disulfide	2.56	76	195016	40.644	ug/l	99
18) Methyl Acetate	2.76	43	133161	46.059	ug/l	94
19) Methyl tert-butyl Ether	3.19	73	325618	50.263	ug/l	100
20) Methylene Chloride	2.84	84	98153	47.264	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	86388	45.560	ug/l	98
22) Diisopropyl ether	3.84	45	314069	47.867	ug/l	95
23) Vinyl Acetate	3.80	43	1283862	223.126	ug/l	97
24) 1,1-Dichloroethane	3.69	63	191478	53.687	ug/l	99
25) 2-Butanone	4.66	43	399675	227.022	ug/l	96
26) 2,2-Dichloropropane	4.57	77	120985	38.140	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	114935	52.241	ug/l	90
28) Bromochloromethane	5.00	49	65287	50.414	ug/l #	15
29) Tetrahydrofuran	5.12	42	256480	239.022	ug/l	94
30) Chloroform	5.20	83	173627	47.583	ug/l	98
31) Cyclohexane	5.57	56	127569	39.537	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	146990	45.452	ug/l	98
36) 1,1-Dichloropropene	5.79	75	120192	44.549	ug/l	98
37) Ethyl Acetate	4.82	43	144770	45.897	ug/l	96
38) Carbon Tetrachloride	5.78	117	117177	42.755	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129110	39.750	ug/l	96
40) Benzene	6.13	78	381720	48.086	ug/l	97
41) Methacrylonitrile	5.03	41	84086	47.513	ug/l	95
42) 1,2-Dichloroethane	6.19	62	143585	47.632	ug/l	98
43) Isopropyl Acetate	6.44	43	247576	46.935	ug/l	96
44) Trichloroethene	7.21	130	95842	47.227	ug/l	95
45) 1,2-Dichloropropane	7.51	63	101925	50.151	ug/l	98
46) Dibromomethane	7.65	93	68212	49.295	ug/l	99
47) Bromodichloromethane	7.89	83	135728	49.077	ug/l	97
48) Methyl methacrylate	7.76	41	125479	49.611	ug/l	91
49) 1,4-Dioxane	7.73	88	57622	1004.425	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	803125	246.654	ug/l	95
52) Toluene	8.78	92	241619	48.428	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	148221	48.440	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	161204	48.252	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	103940	52.400	ug/l	99
56) Ethyl methacrylate	9.17	69	174469	52.355	ug/l	90
57) 1,3-Dichloropropane	9.37	76	175219	50.472	ug/l	100
59) 2-Hexanone	9.49	43	629476	252.566	ug/l	93
60) Dibromochloromethane	9.58	129	106352	52.965	ug/l	98
61) 1,2-Dibromoethane	9.67	107	106295	51.490	ug/l	98
64) Tetrachloroethene	9.33	164	75787	43.224	ug/l	94
65) Chlorobenzene	10.14	112	258163	48.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	97469	50.799	ug/l	98
67) Ethyl Benzene	10.25	91	462746	48.178	ug/l	100
68) m/p-Xylenes	10.36	106	345589	96.050	ug/l	100
69) o-Xylene	10.70	106	172991	49.689	ug/l	100
70) Stvrene	10.71	104	301320	51.627	ug/l	99
71) Bromoform	10.85	173	72071	53.944	ug/l #	96
73) Isopropylbenzene	11.01	105	446556	46.343	ug/l	100
74) N-amyl acetate	10.89	43	220513	47.969	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	169568	53.135	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	155275m	49.615	ug/l	
77) Bromobenzene	11.25	156	108052	49.545	ug/l	99
78) n-propylbenzene	11.35	91	498873	45.986	ug/l	100
79) 2-Chlorotoluene	11.42	91	316896	46.827	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	379538	46.969	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48520	44.430	ug/l	96
82) 4-Chlorotoluene	11.51	91	360511	46.731	ug/l	99
83) tert-Butylbenzene	11.76	119	372397	47.775	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	392019	48.092	ug/l	100
85) sec-Butylbenzene	11.94	105	411766	45.418	ug/l	99
86) p-Isopropyltoluene	12.06	119	390291	47.710	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	197246	50.257	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	195496	49.294	ug/l	99
89) n-Butylbenzene	12.39	91	327636	45.450	ug/l	100
90) Hexachloroethane	12.59	117	67734	46.443	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	196085	49.904	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40069	50.193	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	125492	52.370	ug/l	100

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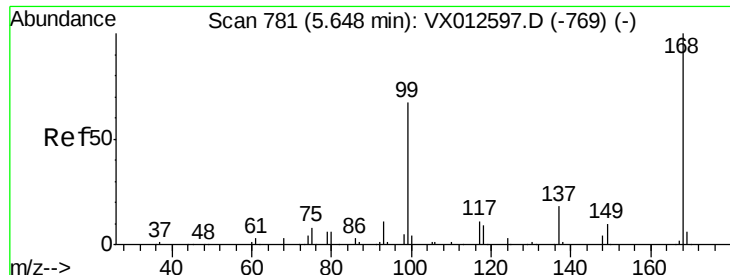
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	50243	48.738	ug/l	98
95) Naphthalene	13.83	128	462177	53.309	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	124863	52.018	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion:168 Resp: 159185

Ion Ratio Lower Upper

168 100

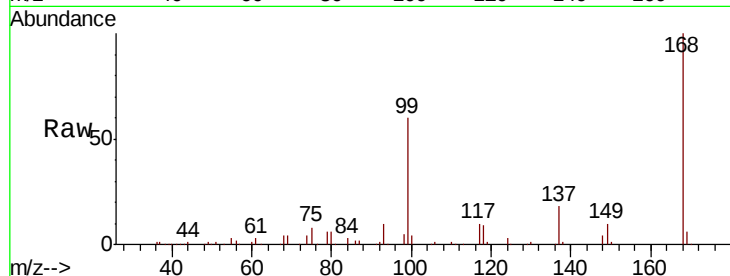
99 60.1 51.4 77.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

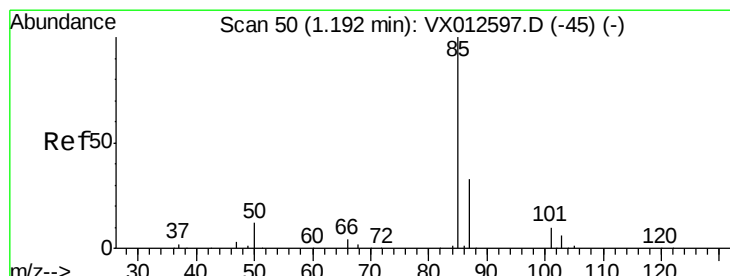
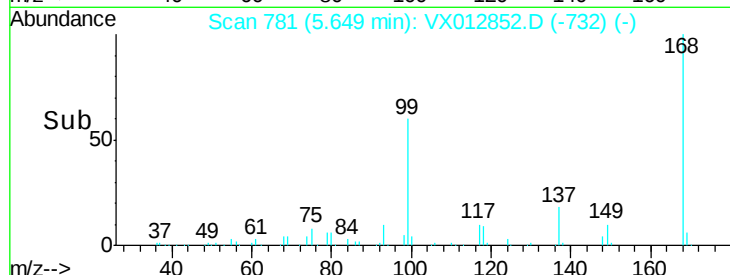
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 33.057 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012852.D

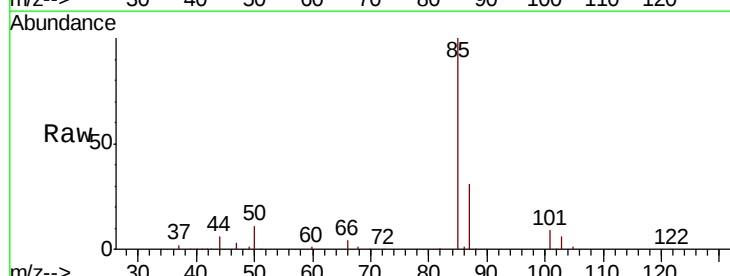
Acq: 07 Oct 2019 20:40

Tgt Ion: 85 Resp: 59198

Ion Ratio Lower Upper

85 100

87 31.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

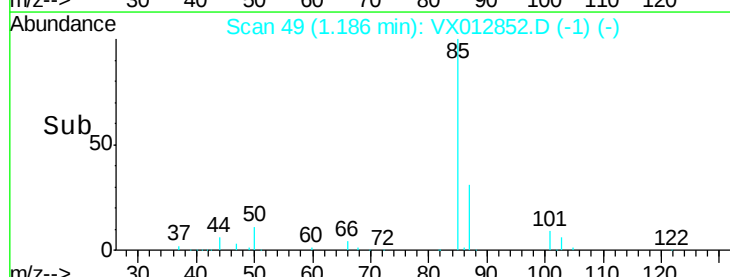
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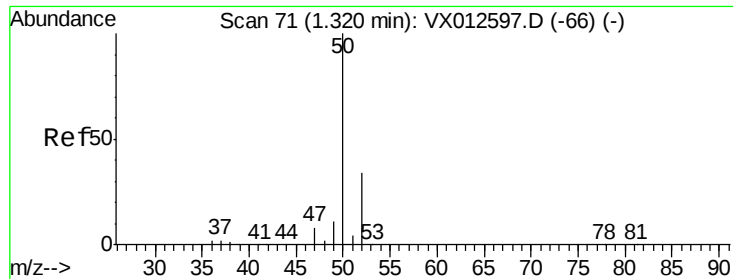
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 37.040 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion: 50 Resp: 76167

Ion Ratio Lower Upper

50 100

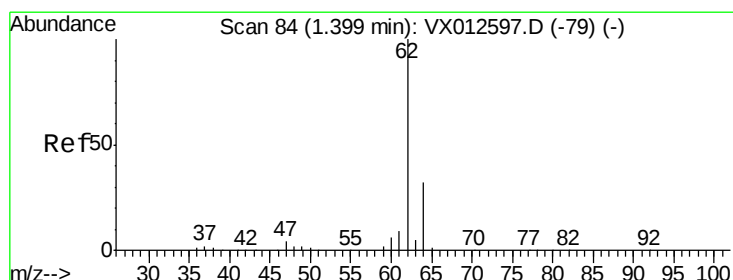
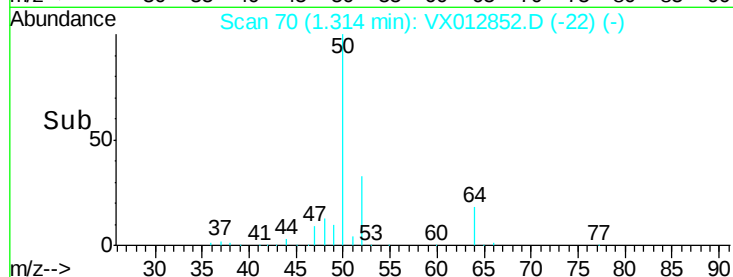
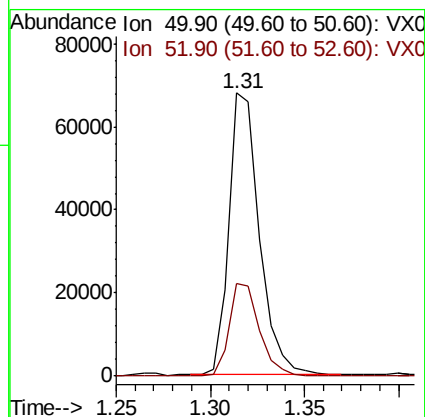
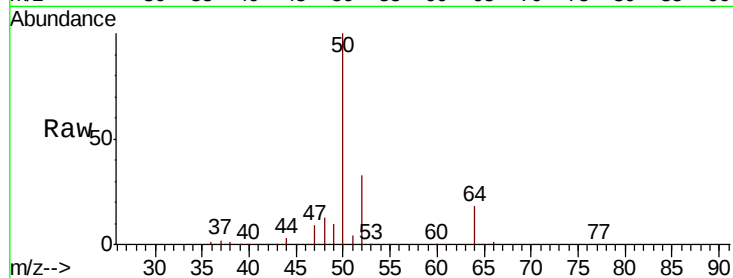
52 32.9 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.492 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012852.D

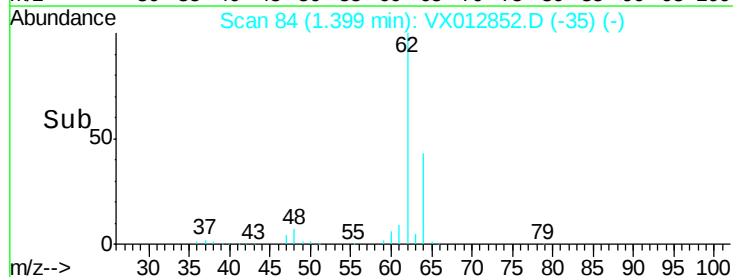
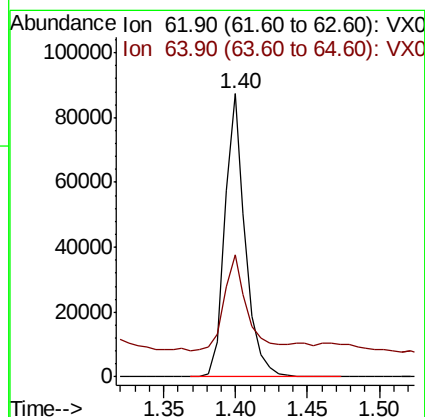
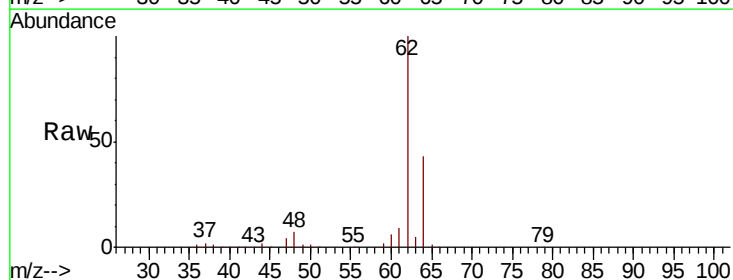
Acq: 07 Oct 2019 20:40

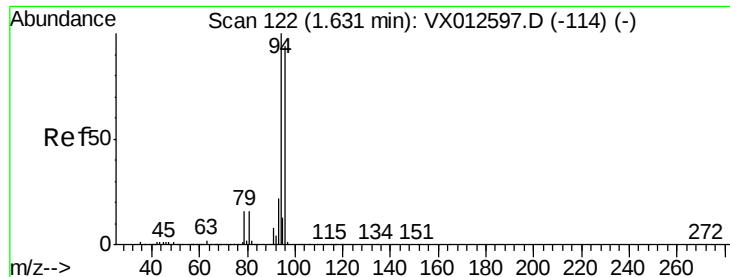
Tgt Ion: 62 Resp: 86850

Ion Ratio Lower Upper

62 100

64 33.6 24.2 36.2





#5

Bromomethane

Concen: 30.828 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion: 94 Resp: 24774

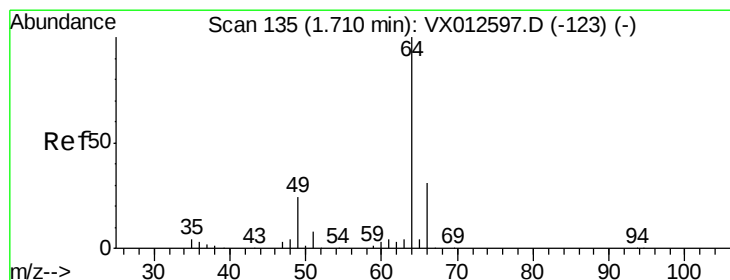
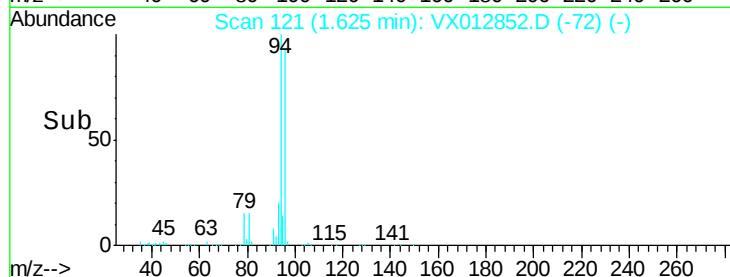
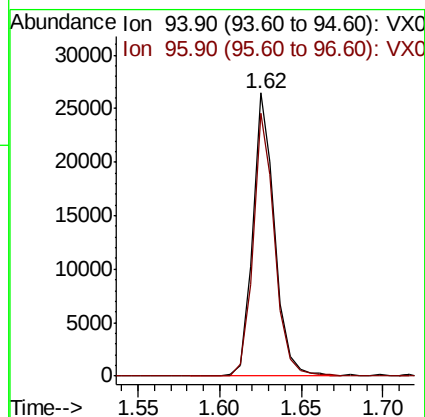
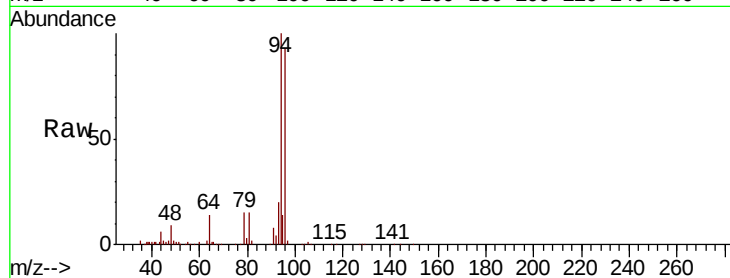
Ion Ratio Lower Upper

94 100

96 93.0 72.8 109.2

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#6

Chloroethane

Concen: 47.219 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012852.D

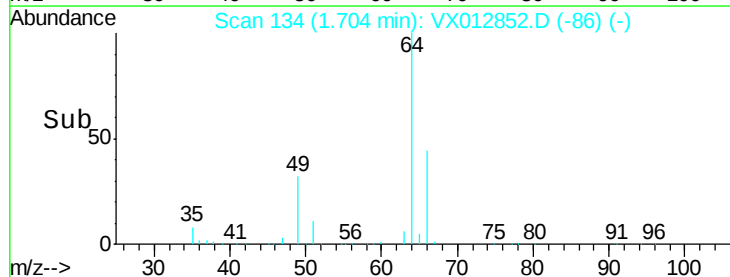
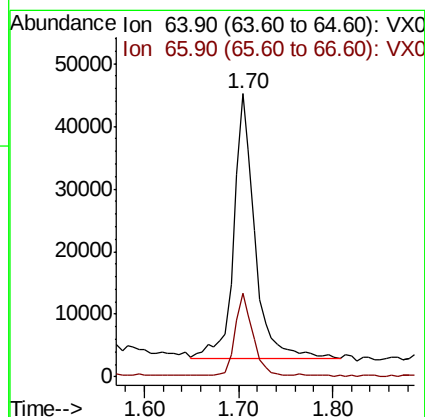
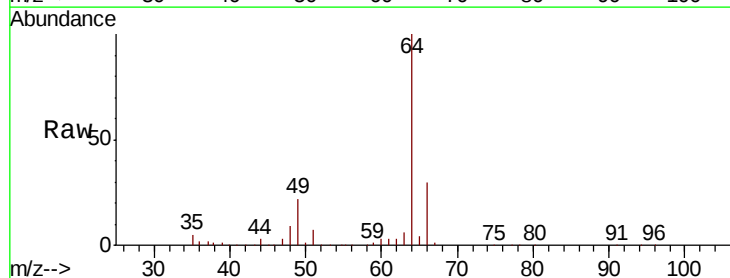
Acq: 07 Oct 2019 20:40

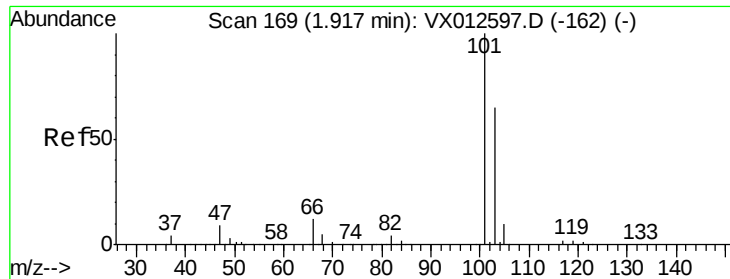
Tgt Ion: 64 Resp: 65062

Ion Ratio Lower Upper

64 100

66 31.1 24.0 36.0





#7

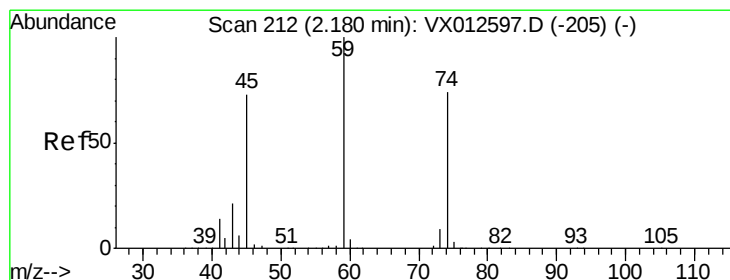
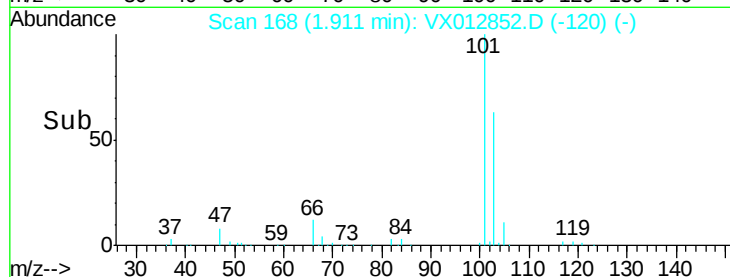
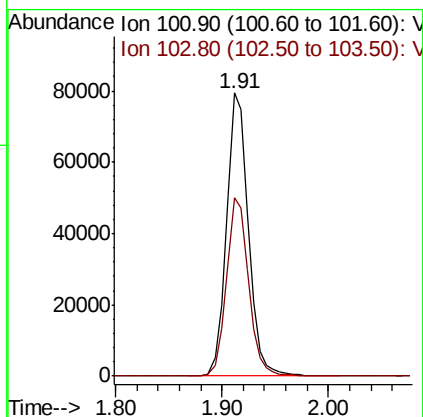
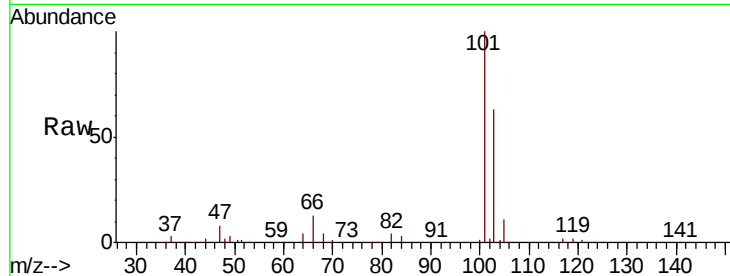
Trichlorofluoromethane
Concen: 39.876 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion:101 Resp: 114433
Ion Ratio Lower Upper
101 100
103 63.1 51.0 76.4

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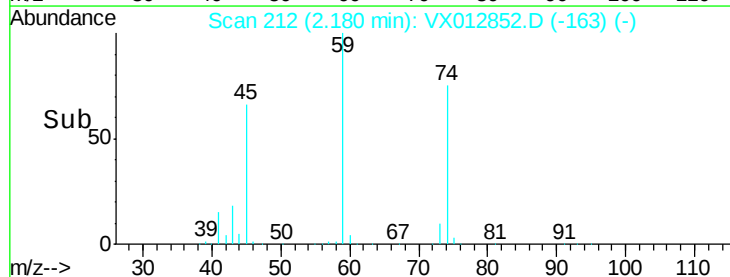
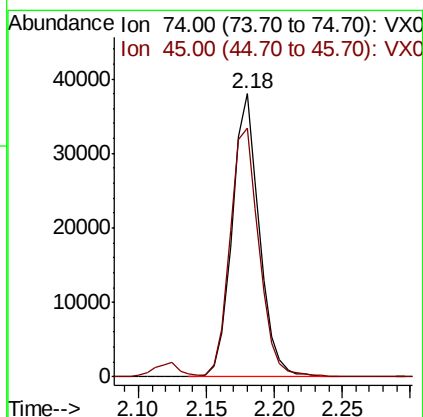
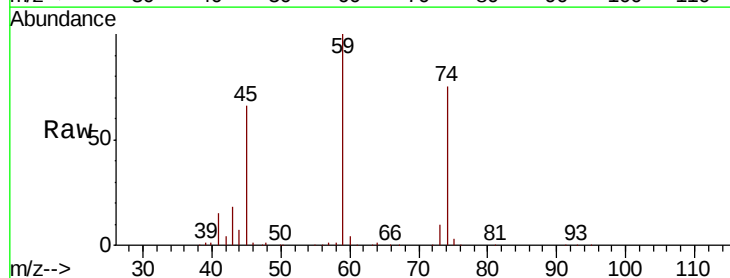
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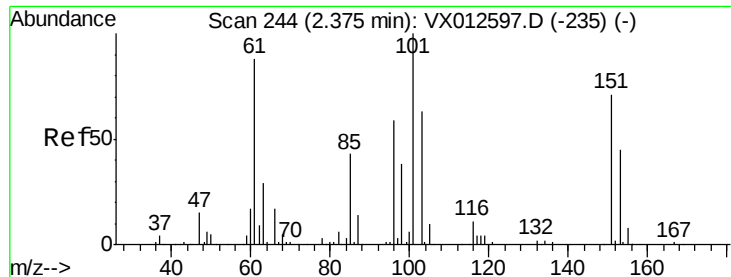


#8

Diethyl Ether
Concen: 44.728 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion: 74 Resp: 52601
Ion Ratio Lower Upper
74 100
45 94.5 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.386 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

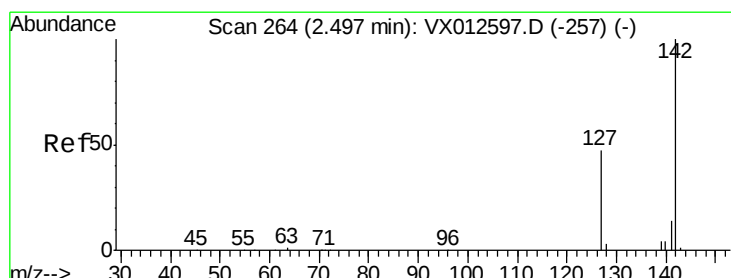
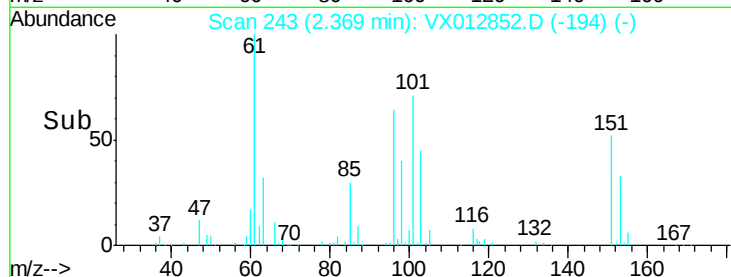
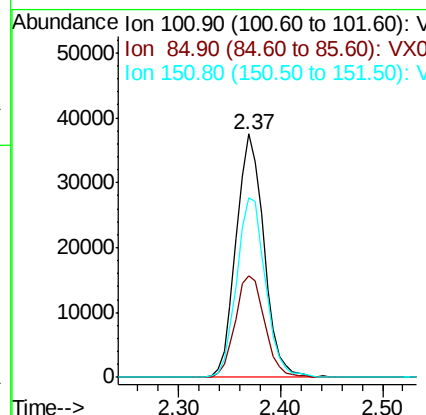
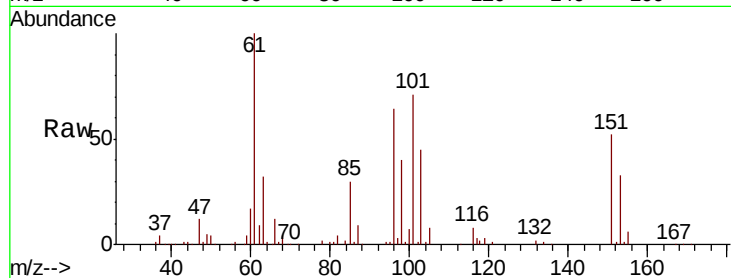
ClientSampled :

MW-103IMS

Tot Ion:	101	Resp:	70589
Ion Ratio	Lower	Upper	
101	100		
85	44.1	37.3	55.9
151	76.6	61.0	91.4

Manual Integrations
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#10

Methyl Iodide

Concen: 36.063 ug/l

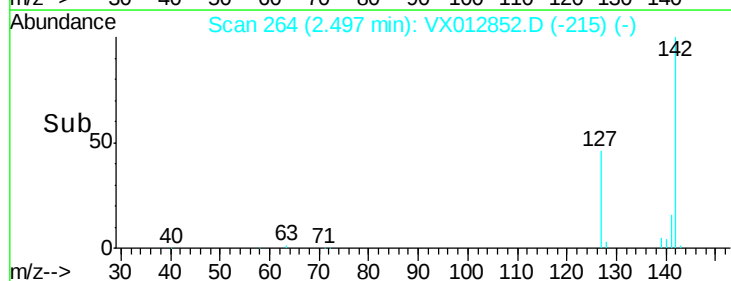
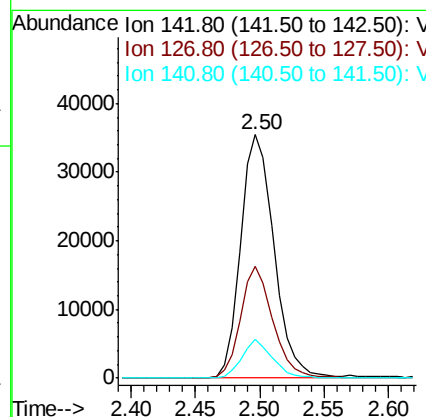
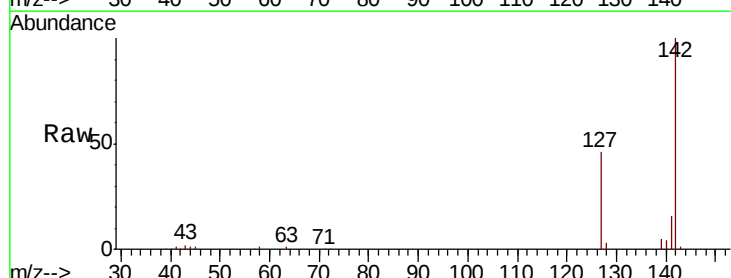
RT: 2.50 min Scan# 264

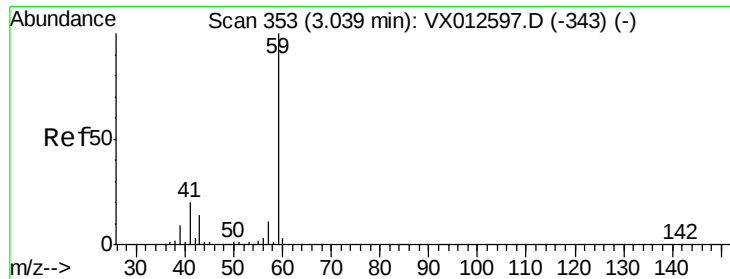
Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Tgt Ion:	142	Resp:	63583
Ion Ratio	Lower	Upper	
142	100		
127	44.5	40.8	61.2
141	14.7	12.1	18.1





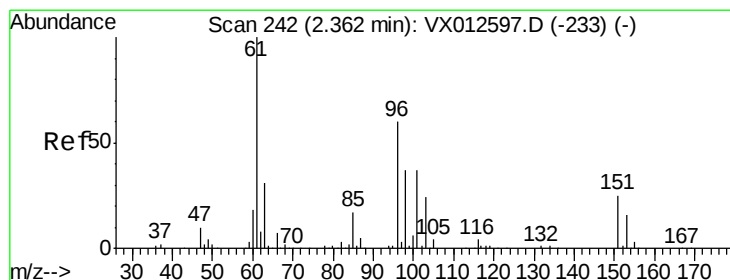
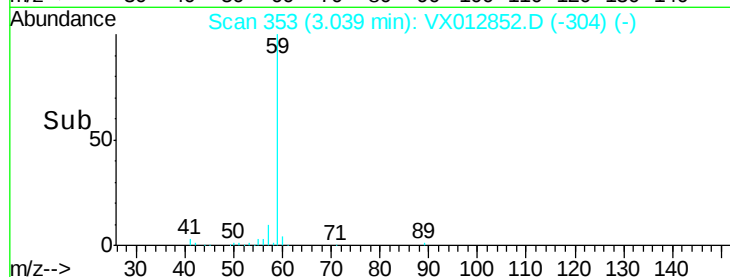
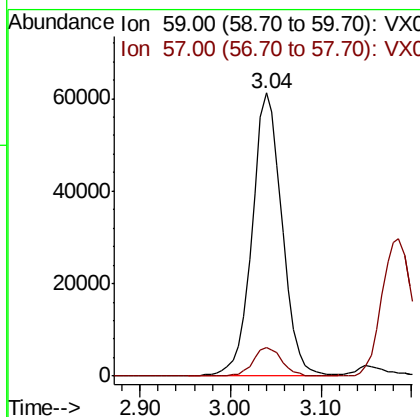
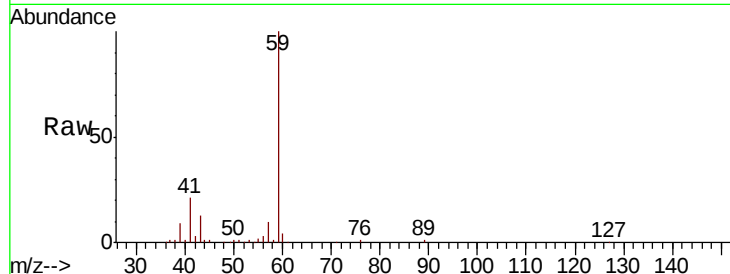
#11
Tert butyl alcohol
Concen: 242.207 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion	Ratio	Resp	Lower	Upper
59	100	140253		
57	9.7		8.3	12.5

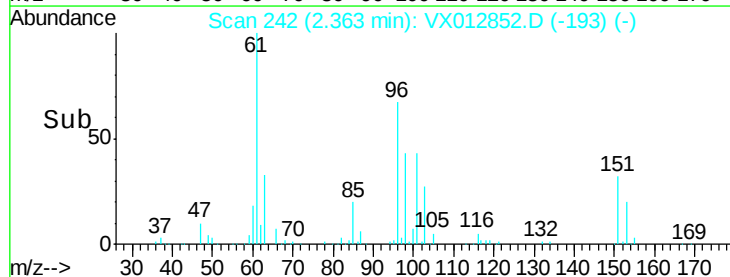
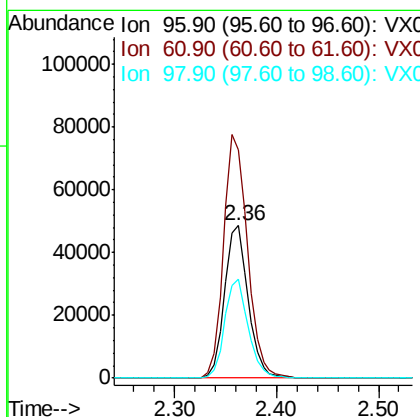
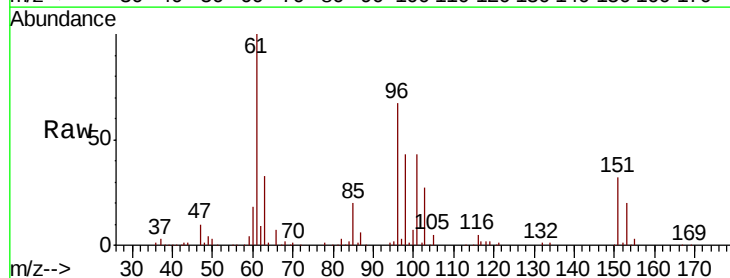
Manual Integrations
APPROVED

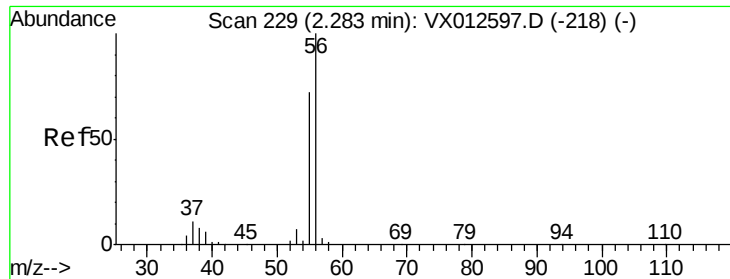
MMDadoda
10/8/2019 2:06:57 PM



#12
1,1-Dichloroethene
Concen: 45.644 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	78120		
61	149.4		133.8	200.6
98	64.8		49.9	74.9





#13

Acrolein

Concen: 213.923 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion: 56 Resp: 68509

Ion Ratio Lower Upper

56 100

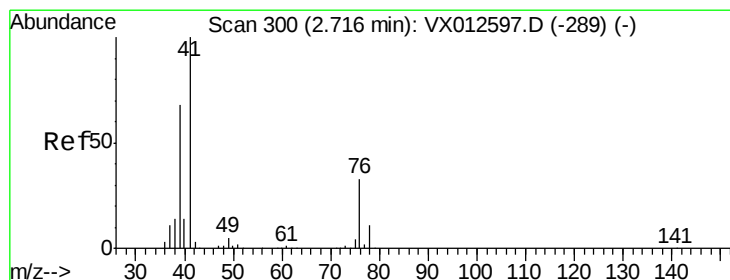
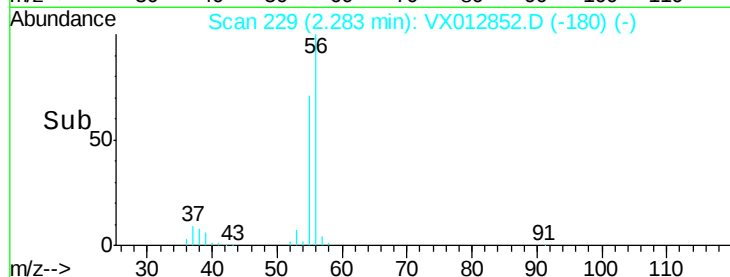
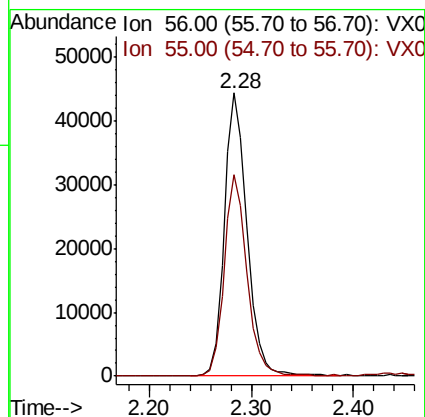
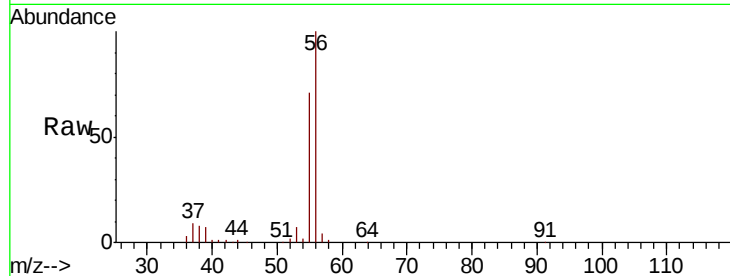
55 71.3 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 43.649 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

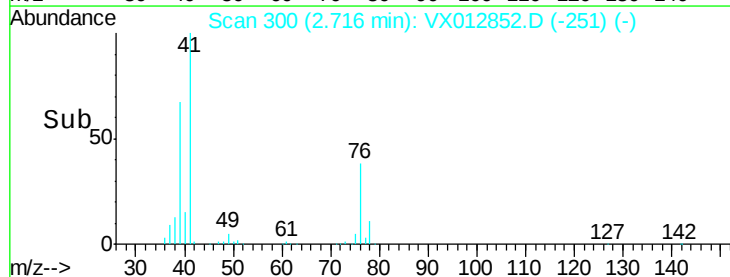
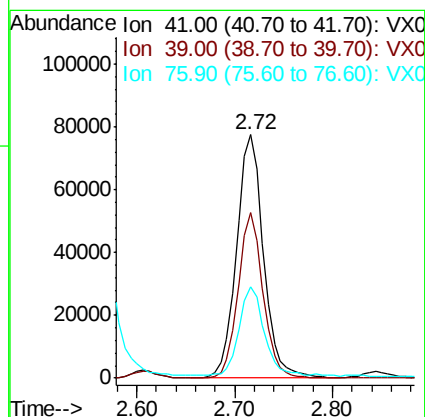
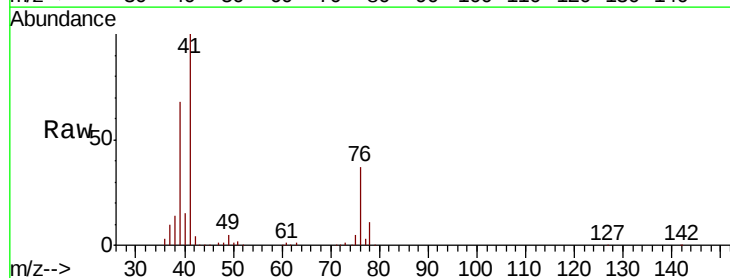
Tgt Ion: 41 Resp: 148216

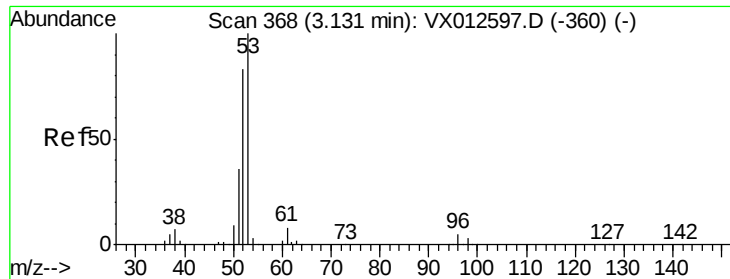
Ion Ratio Lower Upper

41 100

39 62.7 51.3 76.9

76 35.4 22.6 33.8#





#15

Acrylonitrile

Concen: 242.114 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

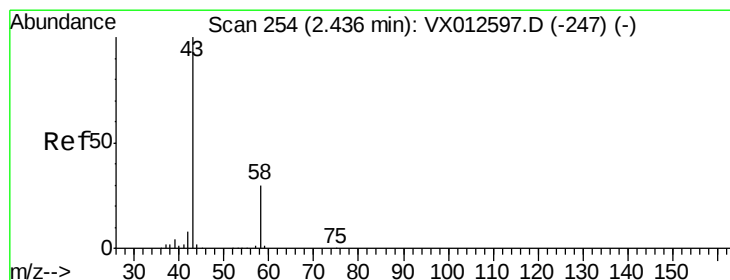
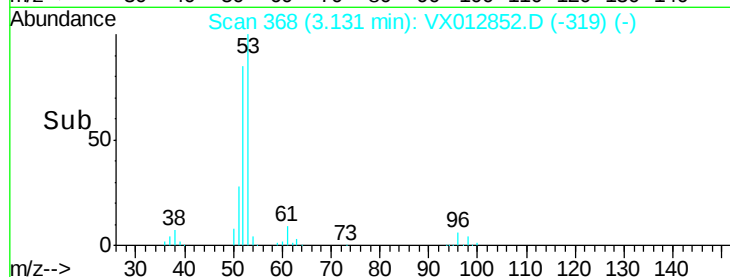
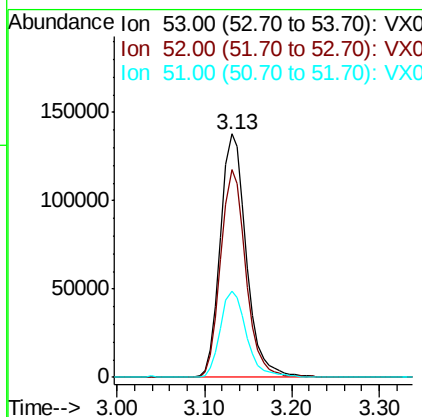
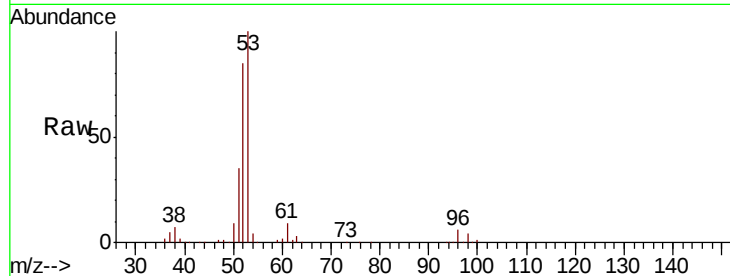
ClientSampleId :

MW-103IMS

Tot Ion:	53	Resp:	284434
Ion Ratio	Lower	Upper	
53	100		
52	83.1	67.0	100.4
51	36.0	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 196.508 ug/l

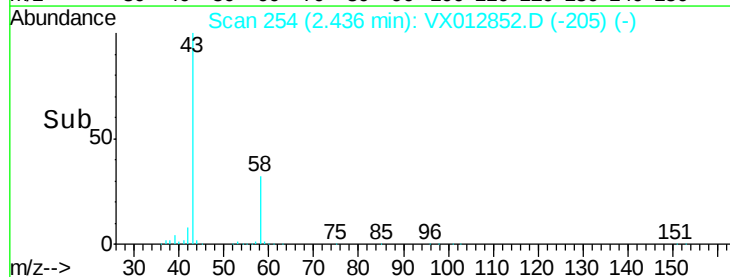
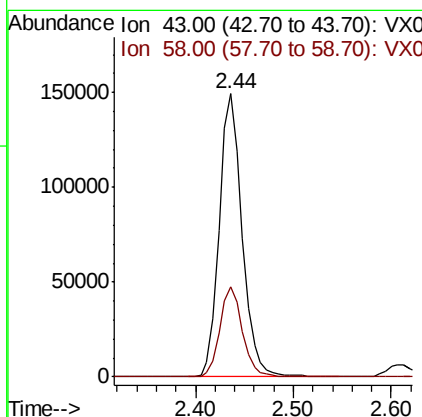
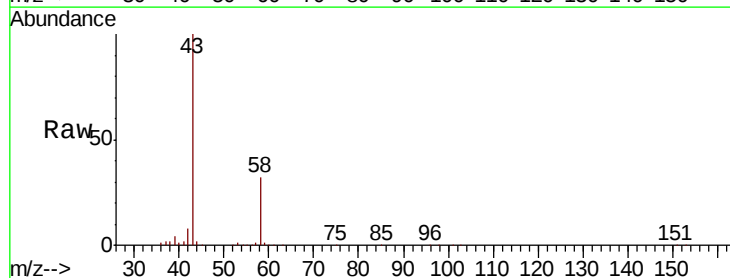
RT: 2.44 min Scan# 254

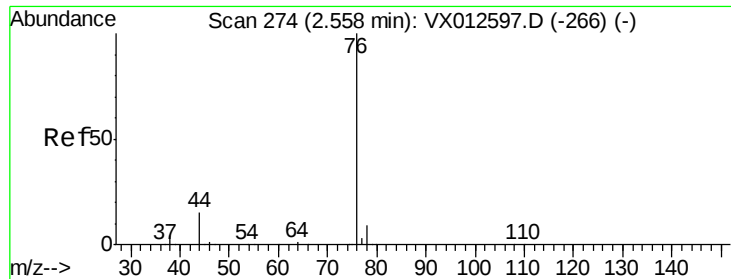
Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Tgt Ion:	43	Resp:	241277
Ion Ratio	Lower	Upper	
43	100		
58	31.9	23.3	34.9





#17

Carbon Disulfide

Concen: 40.644 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion: 76 Resp: 195016

Ion Ratio Lower Upper

76 100

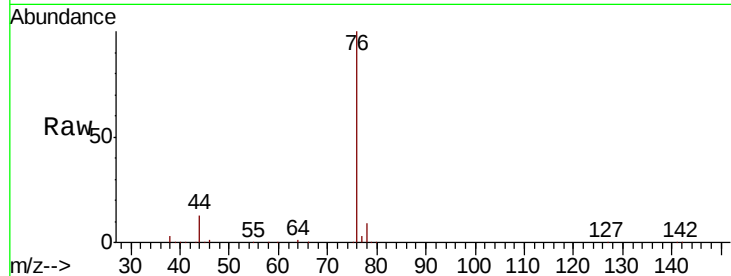
78 9.3 7.3 10.9

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

2.56

120000

100000

80000

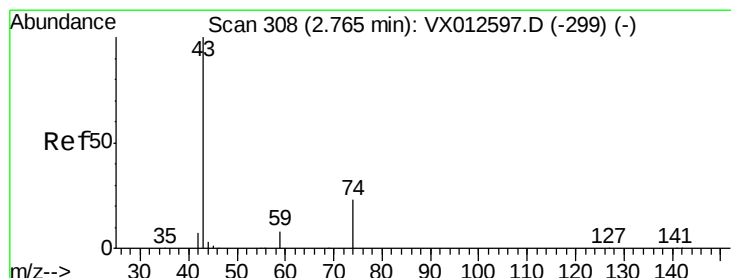
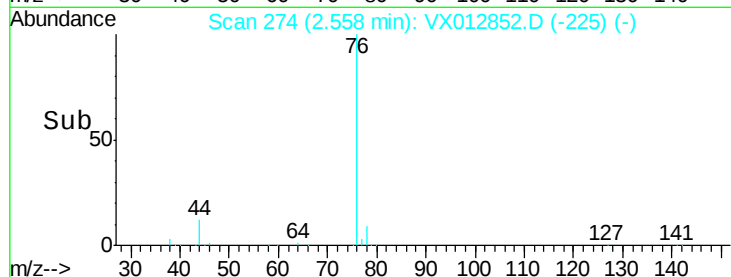
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 46.059 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012852.D

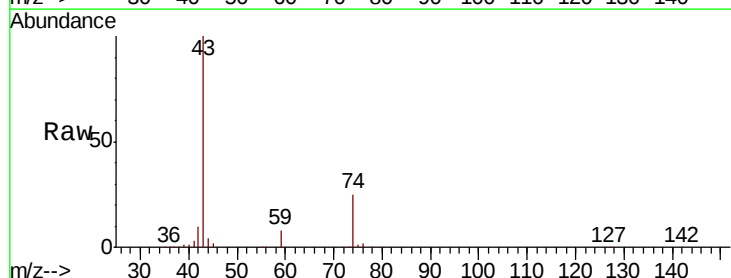
Acq: 07 Oct 2019 20:40

Tgt Ion: 43 Resp: 133161

Ion Ratio Lower Upper

43 100

74 25.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

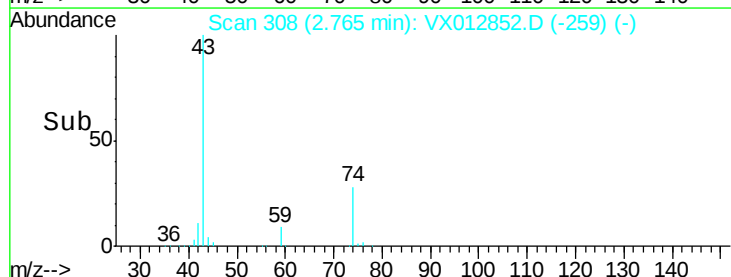
60000

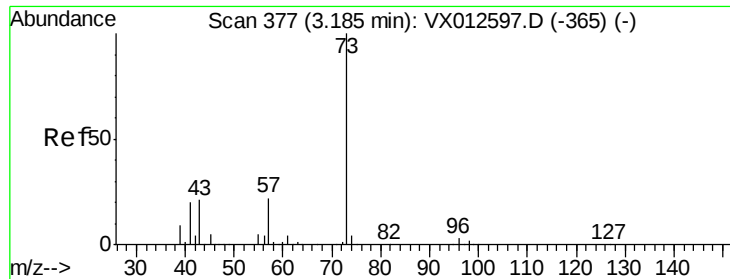
40000

20000

0

Time-->





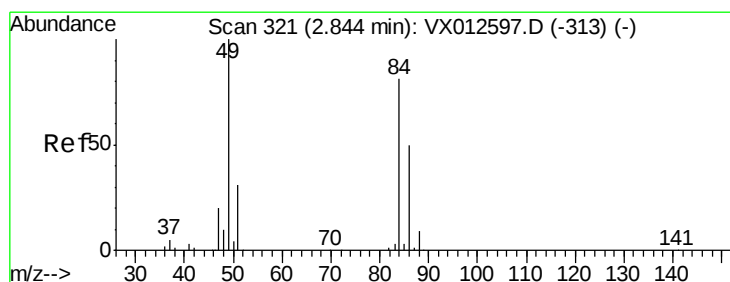
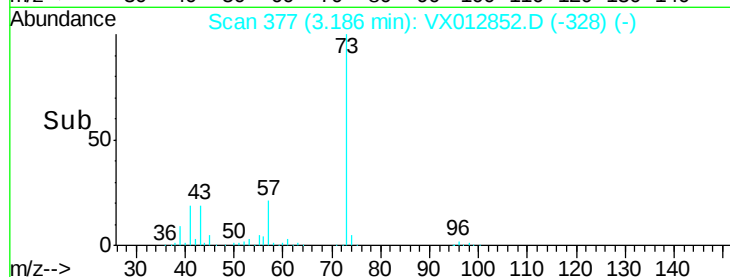
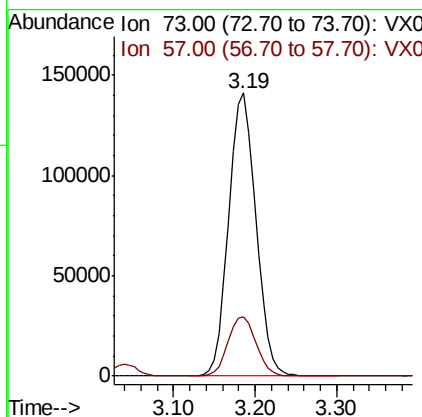
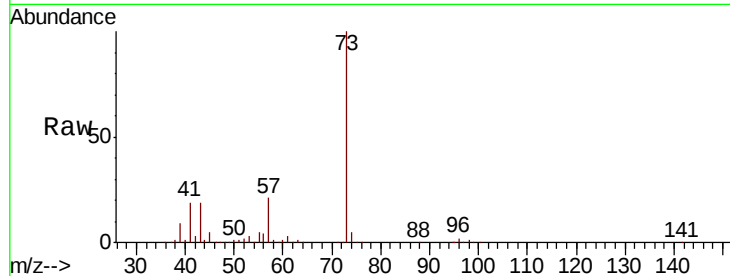
#19
Methyl tert-butyl Ether
Concen: 50.263 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.8	25.2

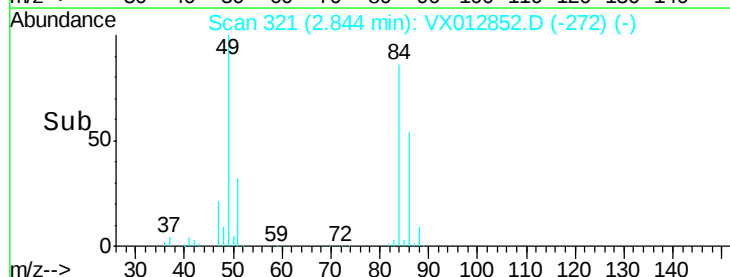
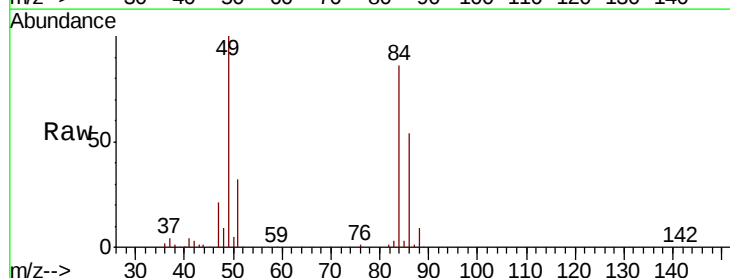
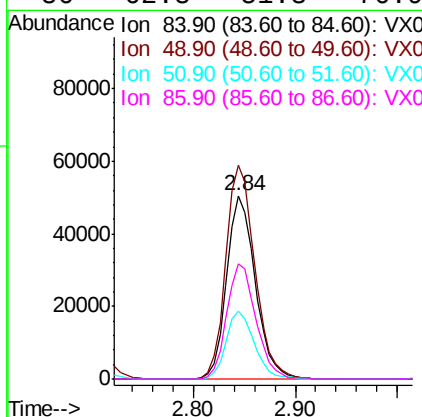
Manual Integrations
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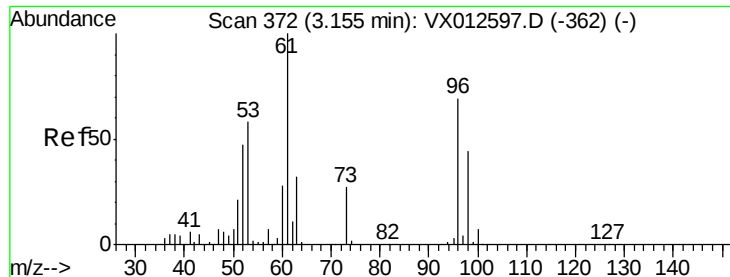
MMDadoda
10/8/2019 2:06:57 PM



#20
Methylene Chloride
Concen: 47.264 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.4	106.8	160.2
51	36.9	32.3	48.5
86	62.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 45.560 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion: 96 Resp: 86388

Ion Ratio Lower Upper

96 100

61 138.3 112.0 168.0

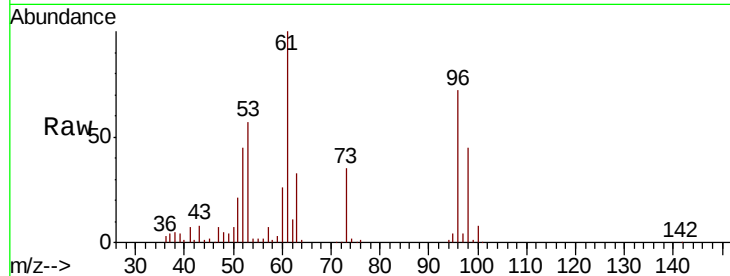
98 62.3 47.8 71.8

Manual Integrations

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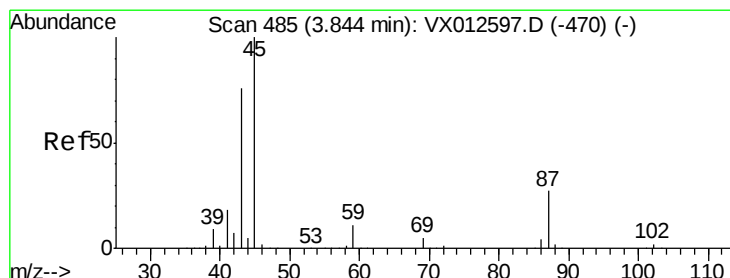
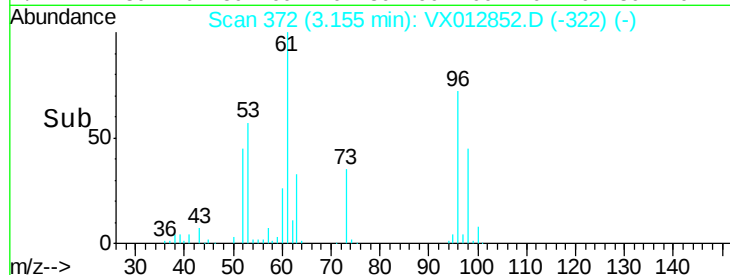
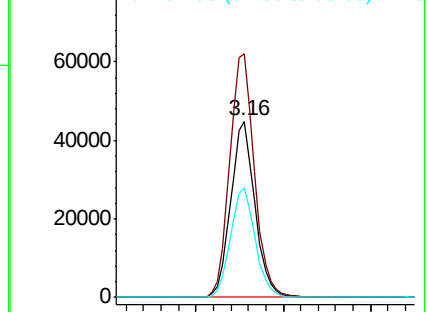


Abundance

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: 47.867 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Tgt Ion: 45 Resp: 314069

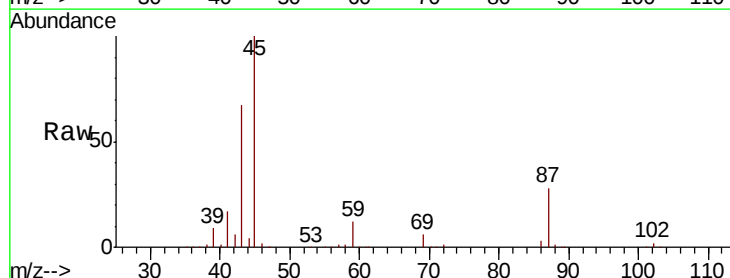
Ion Ratio Lower Upper

45 100

43 67.3 57.8 86.8

87 28.2 21.3 31.9

59 11.5 8.5 12.7



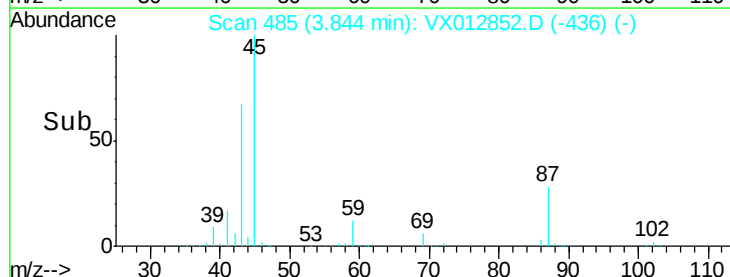
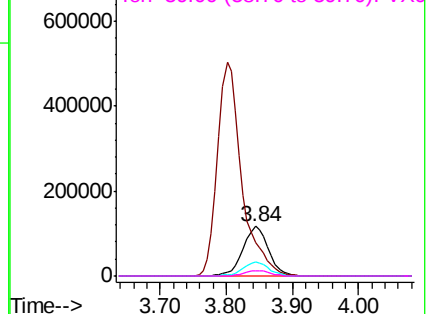
Abundance

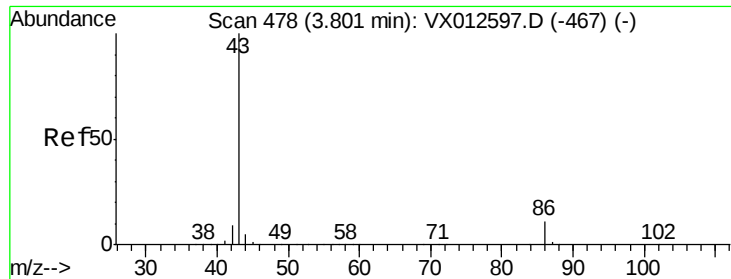
Ion 45.00 (44.70 to 45.70): VX0

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: 223.126 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampled :

MW-103IMS

Tot Ion: 43 Resp: 1283862

Ion Ratio Lower Upper

43 100

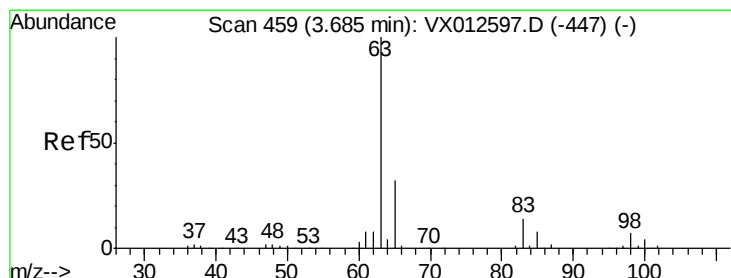
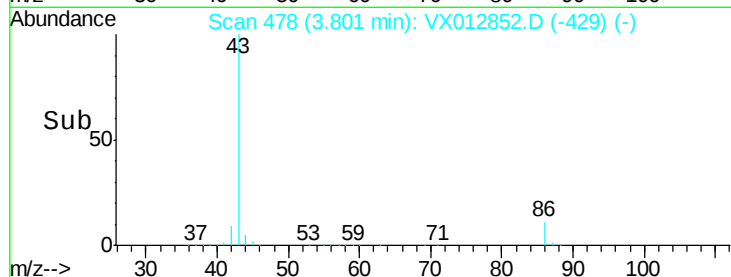
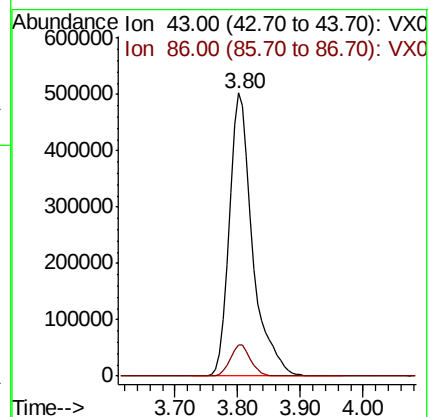
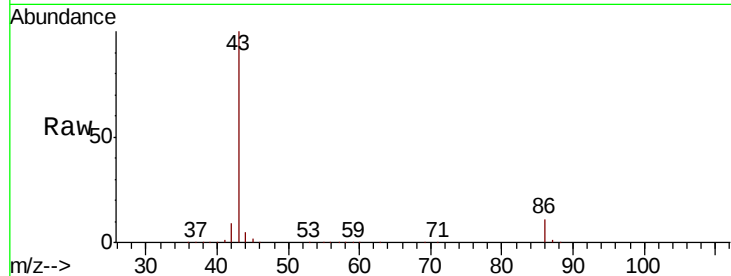
86 10.9 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.687 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

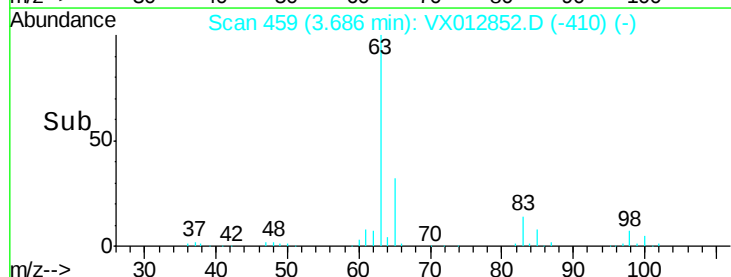
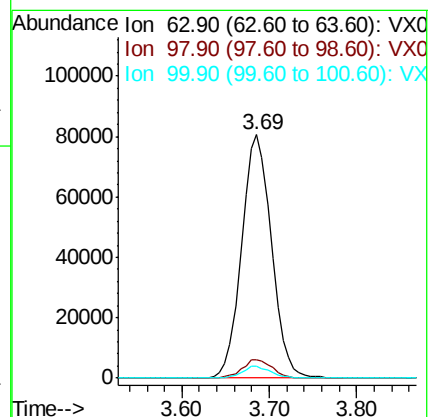
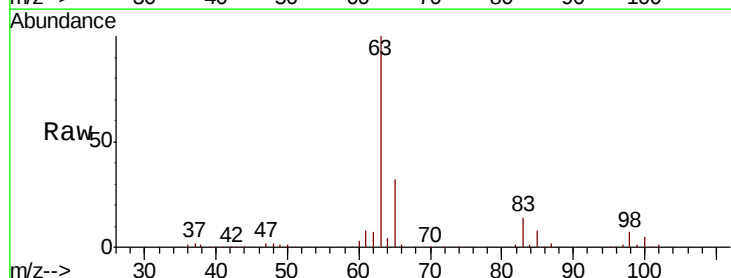
Tgt Ion: 63 Resp: 191478

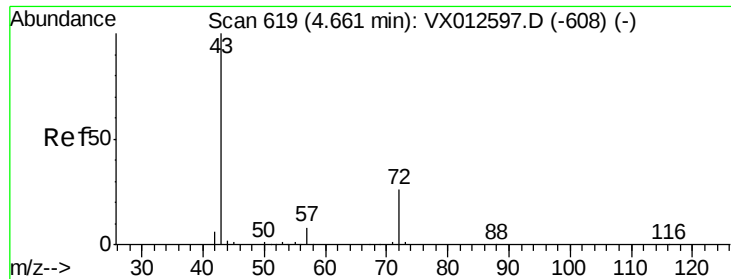
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 227.022 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion: 43 Resp: 399675

Ion Ratio Lower Upper

43 100

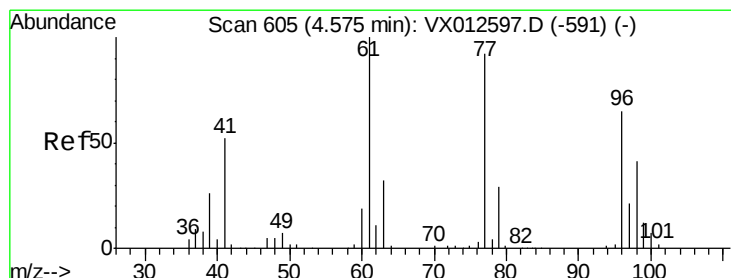
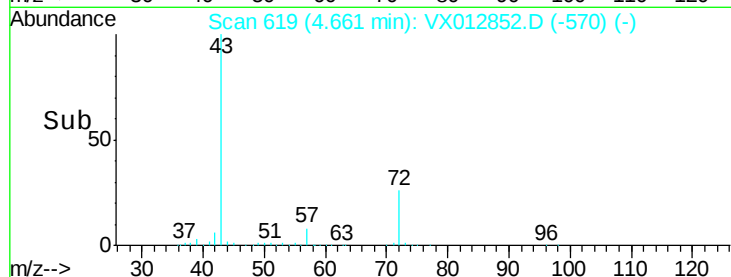
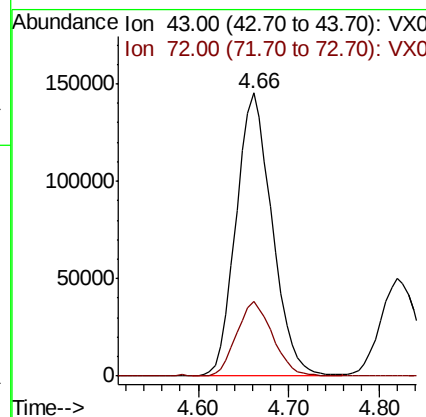
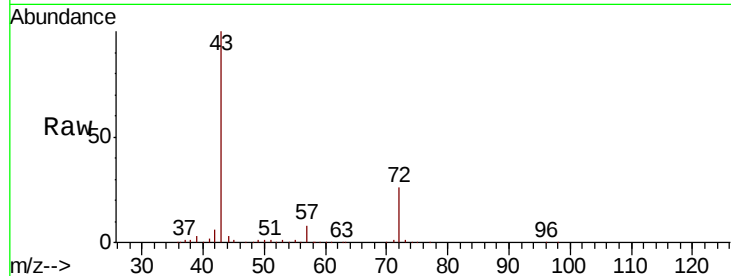
72 26.2 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 38.140 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012852.D

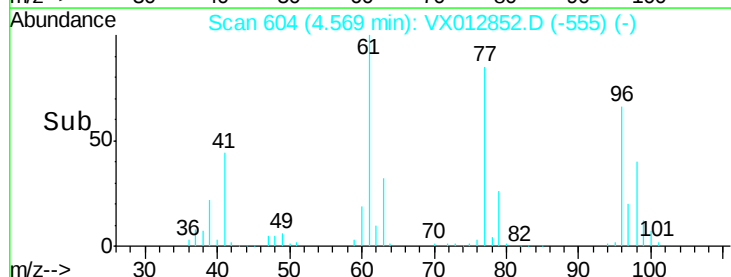
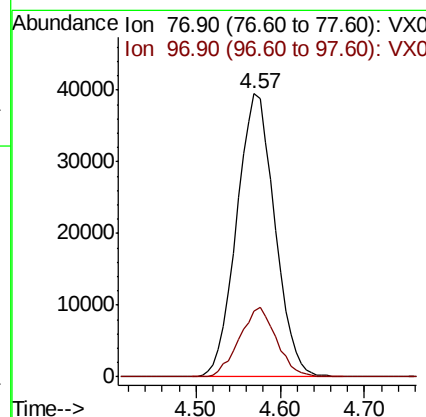
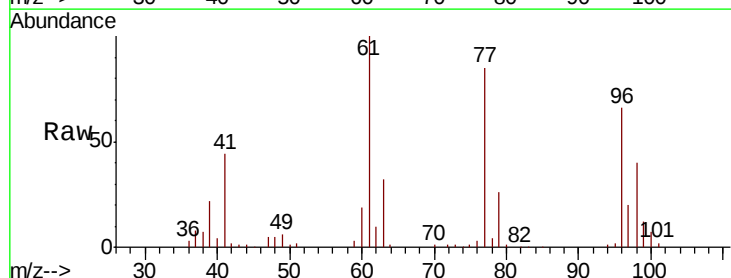
Acq: 07 Oct 2019 20:40

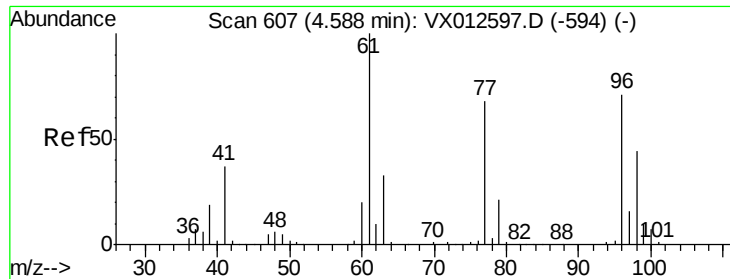
Tgt Ion: 77 Resp: 120985

Ion Ratio Lower Upper

77 100

97 23.9 10.5 31.6





#27

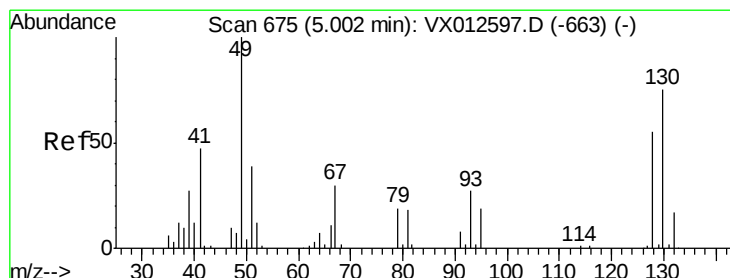
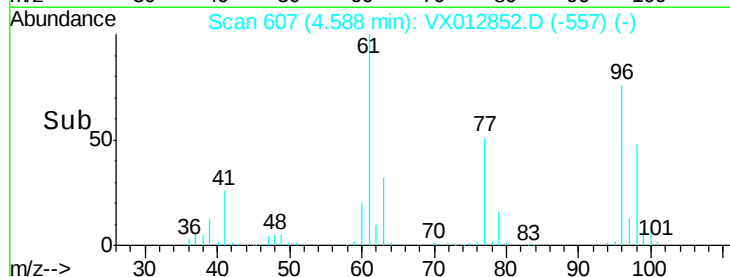
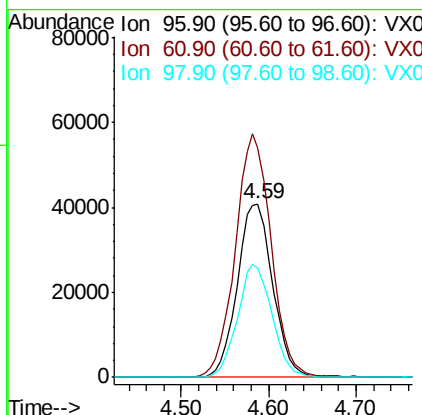
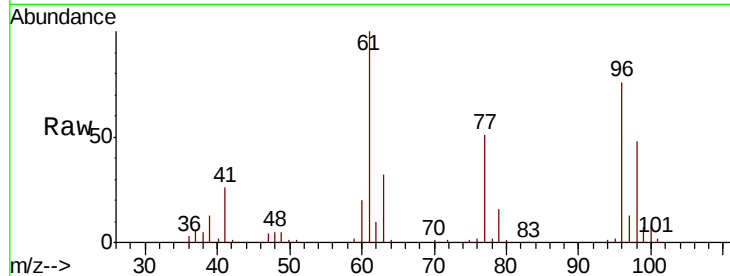
cis-1,2-Dichloroethene
Concen: 52.241 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampled :
MW-103IMS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	114935		
61	141.9	0.0	319.4	
98	63.5	0.0	130.6	

Manual Integrations
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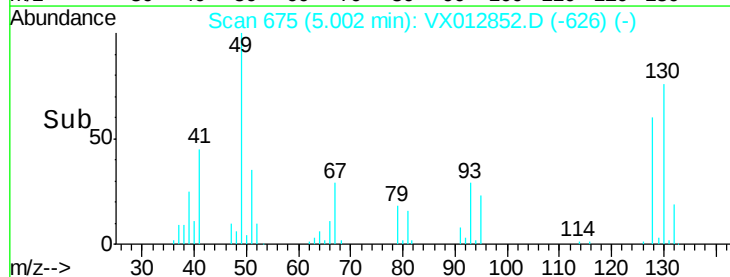
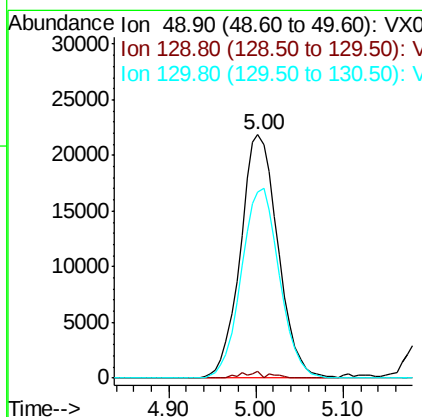
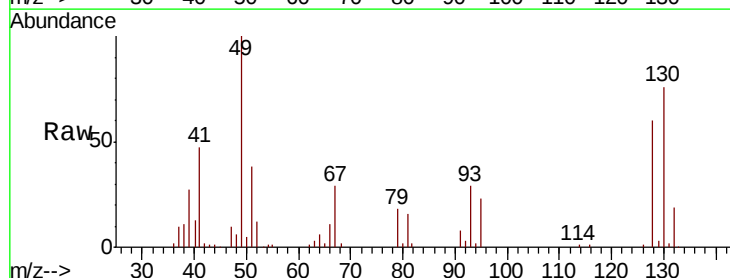
MMDadoda
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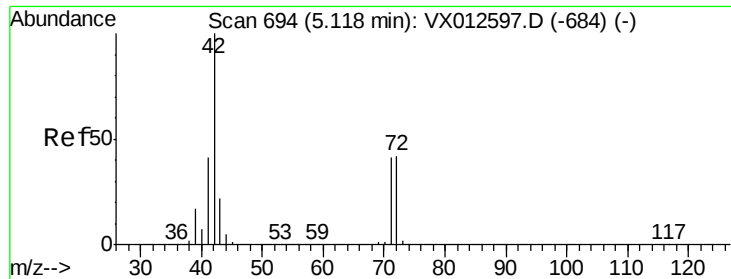


#28

Bromochloromethane
Concen: 50.414 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	65287		
129	1.3	0.0	3.8	
130	0.0	58.2	87.4#	





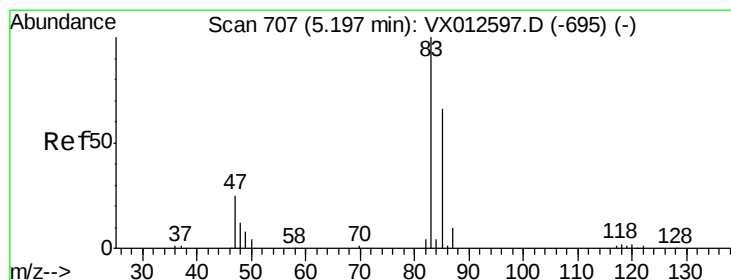
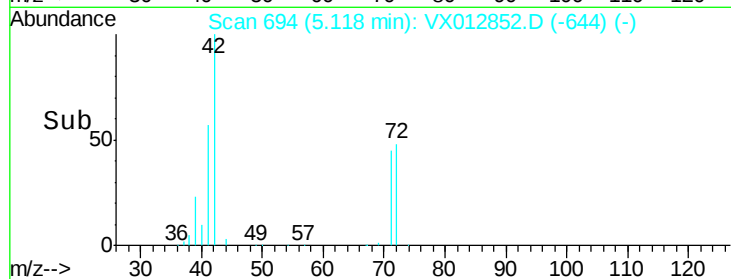
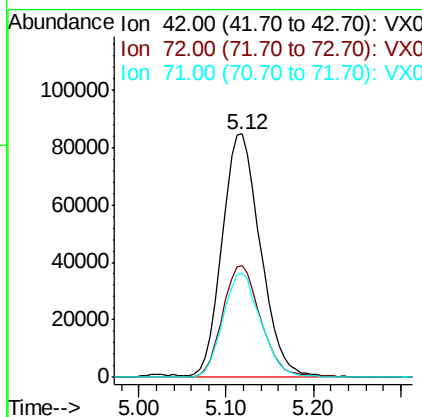
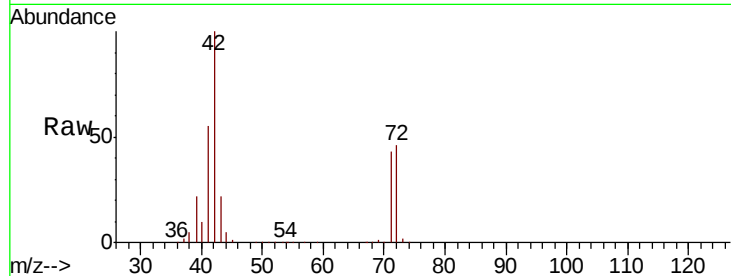
#29
Tetrahydrofuran
Concen: 239.022 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	34.0	51.0
71	42.7	31.5	47.3

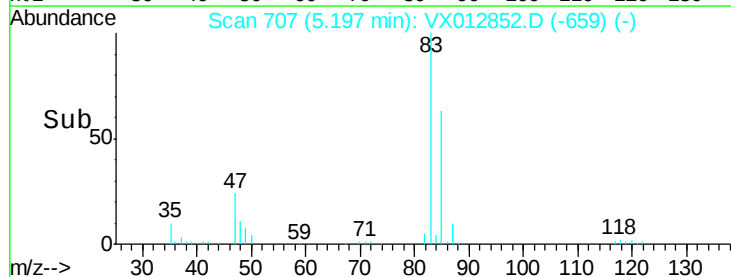
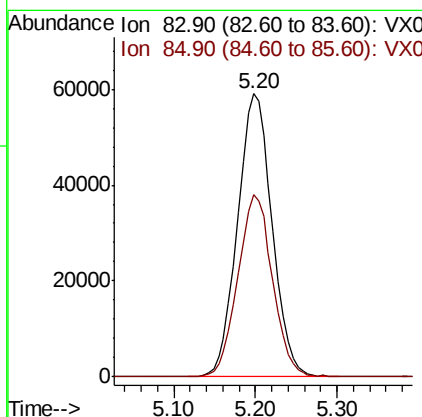
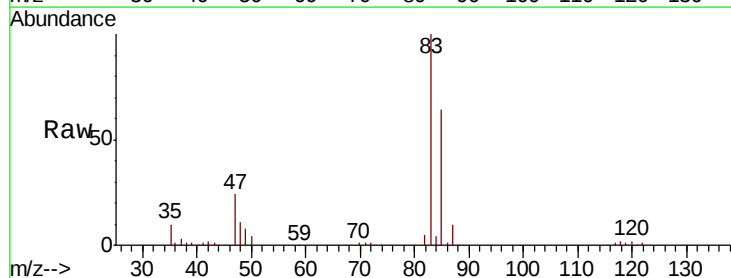
Manual Integrations
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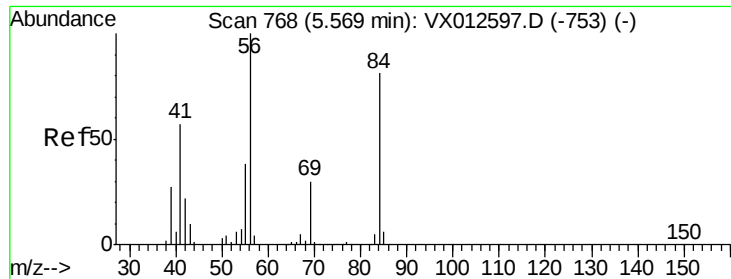
MMDadoda
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#30
Chloroform
Concen: 47.583 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	53.0	79.4





#31

Cyclohexane

Concen: 39.537 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

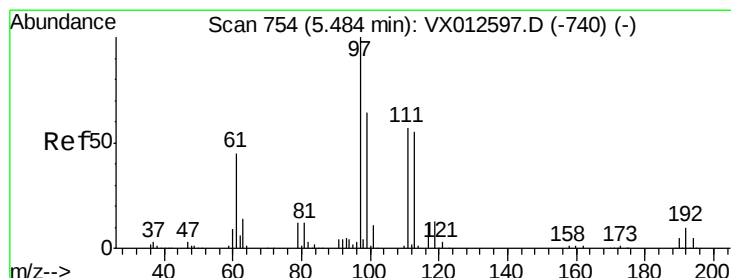
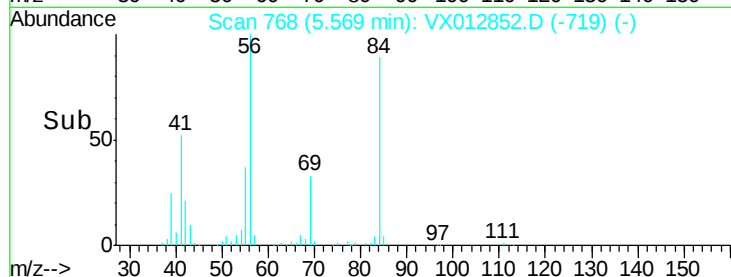
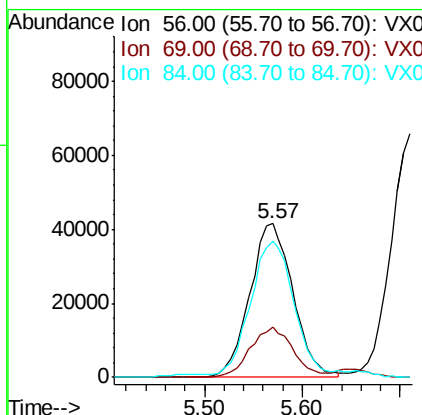
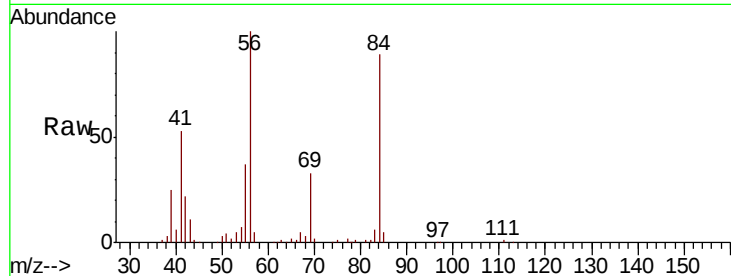
ClientSampleId :

MW-103IMS

Tot Ion:	56	Resp:	127569
Ion Ratio	Lower	Upper	
56	100		
69	32.8	25.0	37.6
84	86.6	66.4	99.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 45.452 ug/l

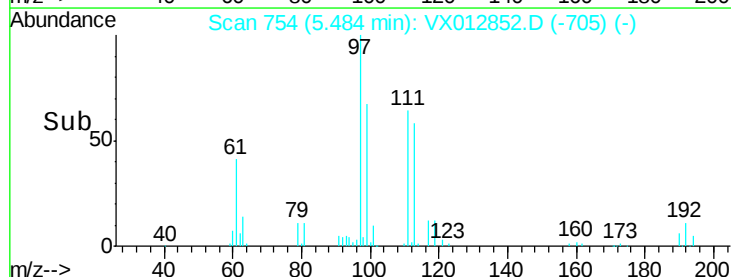
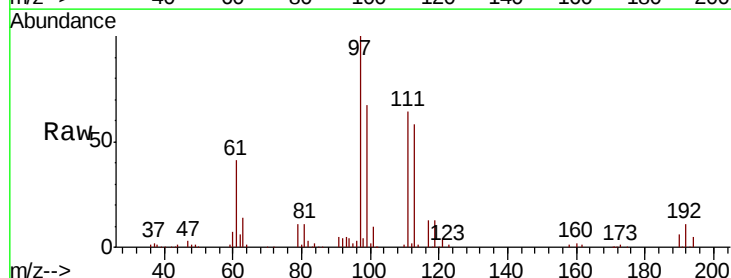
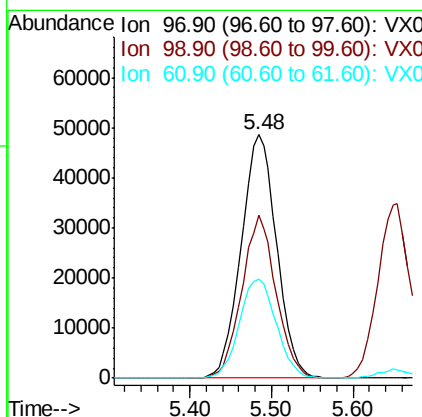
RT: 5.48 min Scan# 754

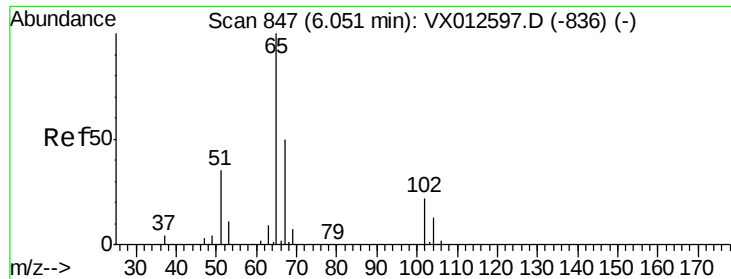
Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Tgt Ion:	97	Resp:	146990
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.3	76.9
61	42.6	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 48.084 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion: 65 Resp: 111461

Ion Ratio Lower Upper

65 100

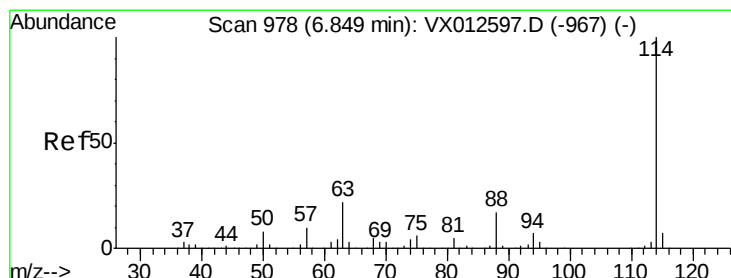
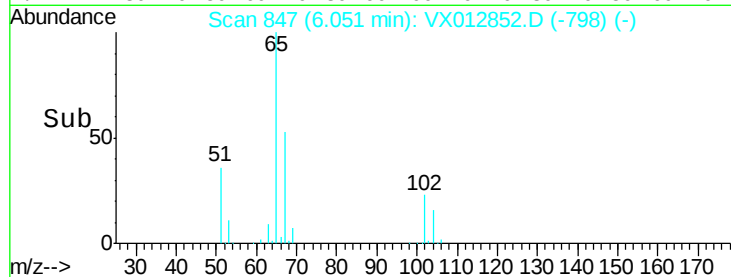
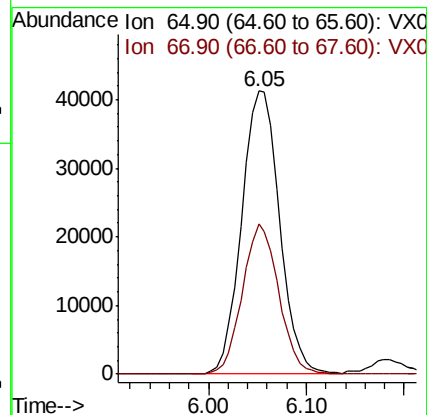
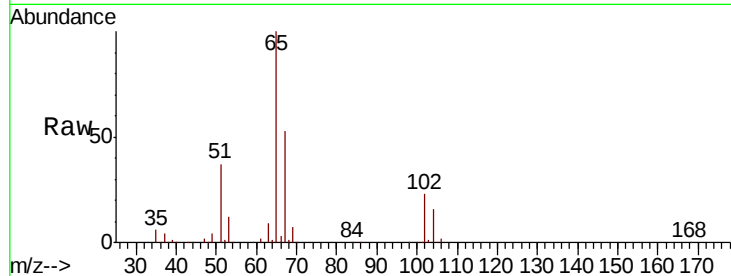
67 50.6 0.0 101.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

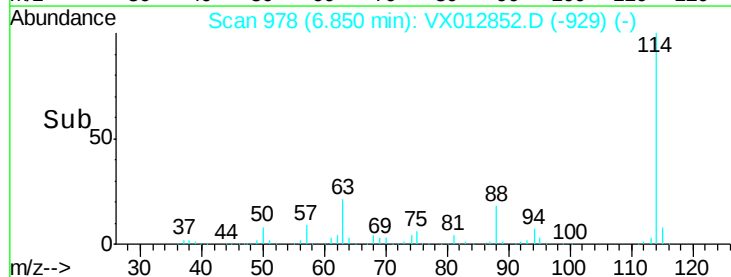
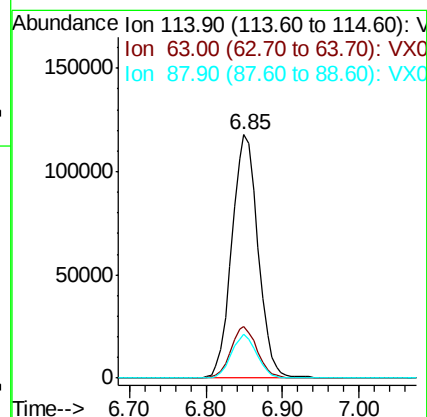
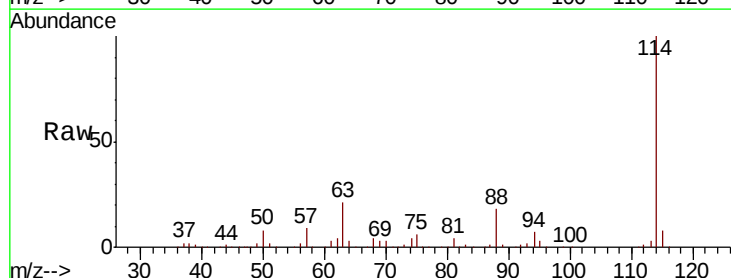
Tgt Ion: 114 Resp: 279905

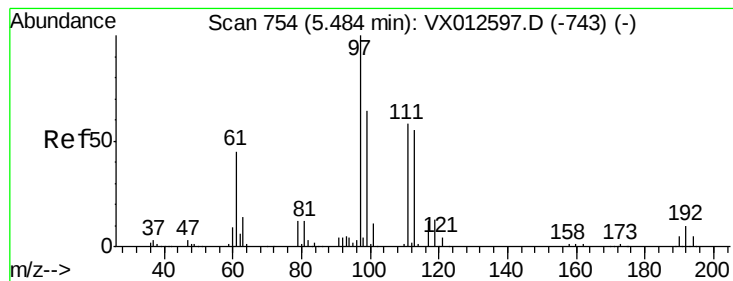
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 17.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.796 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

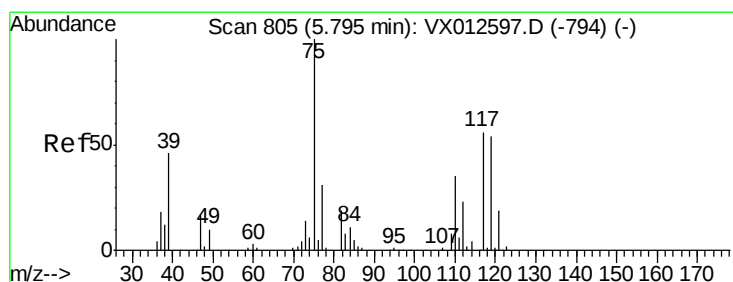
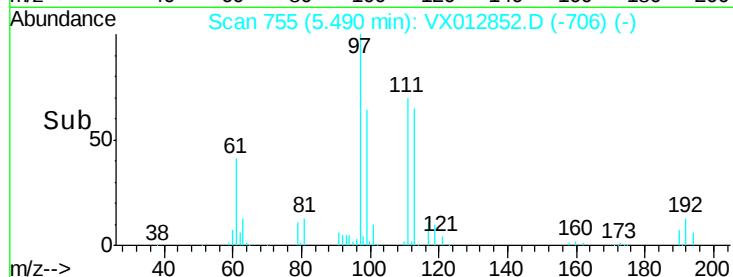
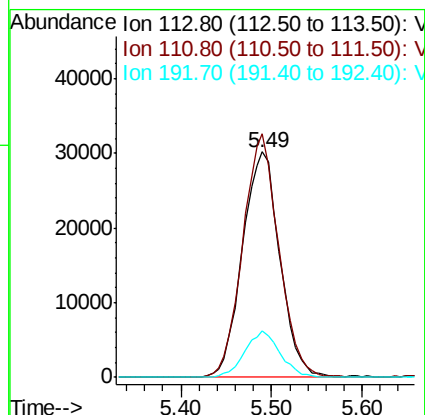
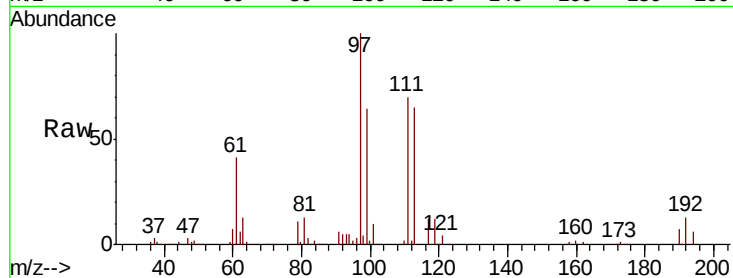
ClientSampleId :

MW-103IMS

Tot Ion:	113	Resp:	86341
Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.4	125.2
192	19.5	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 44.549 ug/l

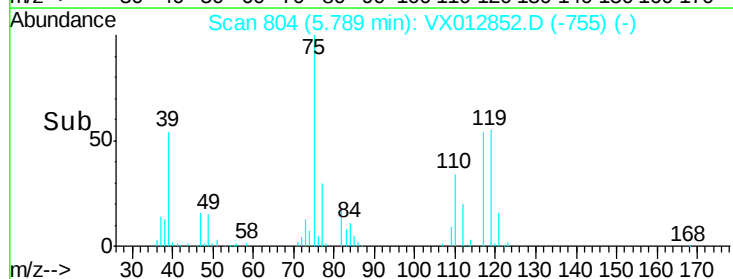
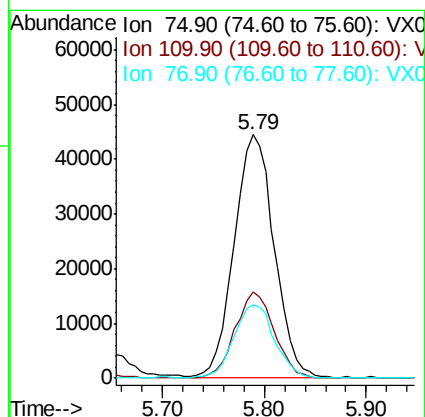
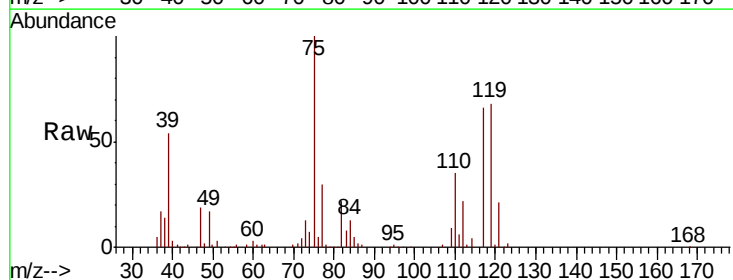
RT: 5.79 min Scan# 804

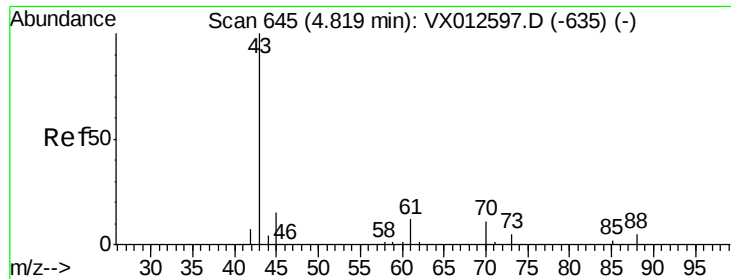
Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Tgt Ion:	75	Resp:	120192
Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.7	50.0
77	30.8	24.2	36.2





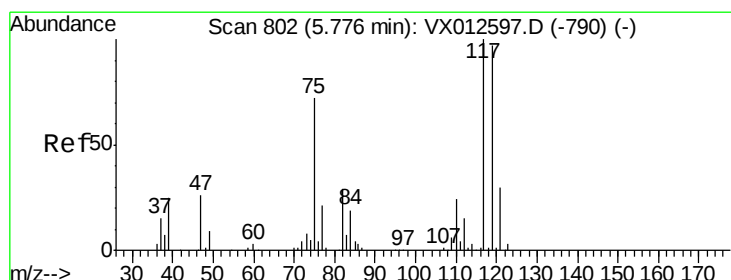
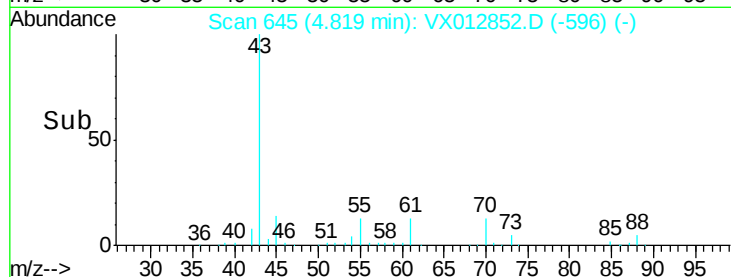
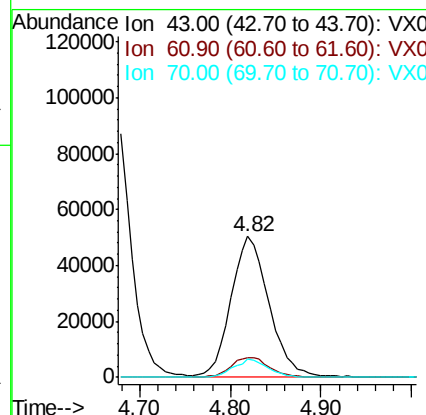
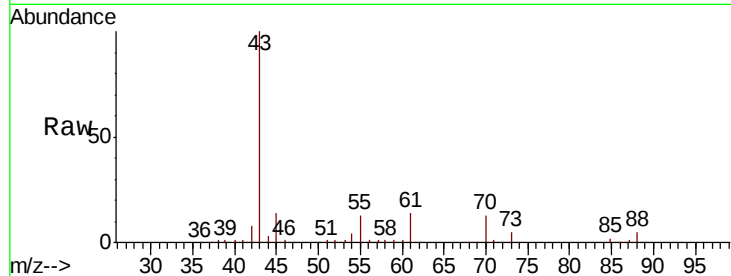
#37
Ethyl Acetate
Concen: 45.897 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampled :
MW-103IMS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.2	15.4
70	11.9	8.7	13.1

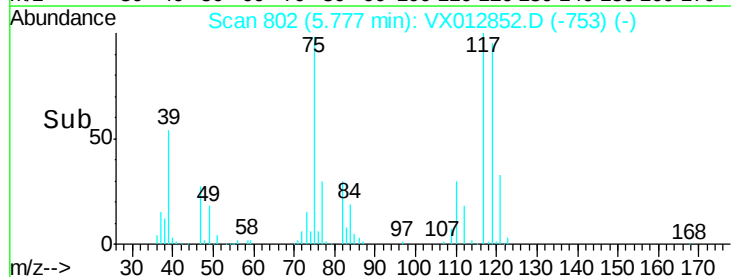
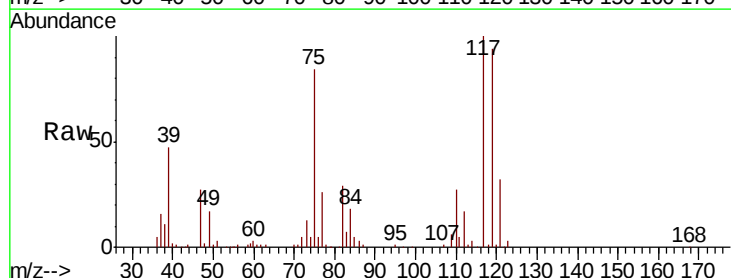
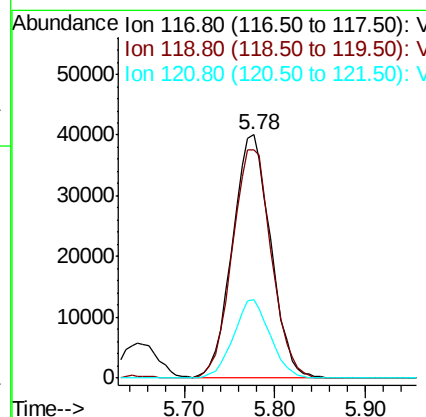
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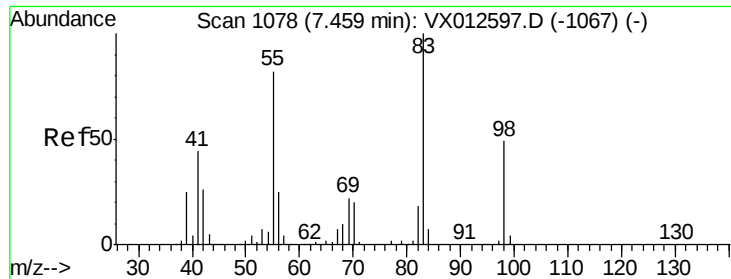
MMDadoda
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#38
Carbon Tetrachloride
Concen: 42.755 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.7	113.5
121	32.4	24.2	36.4





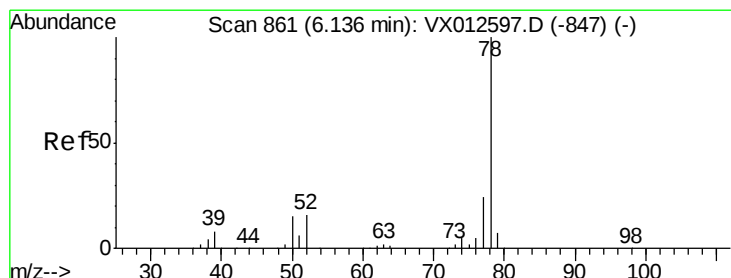
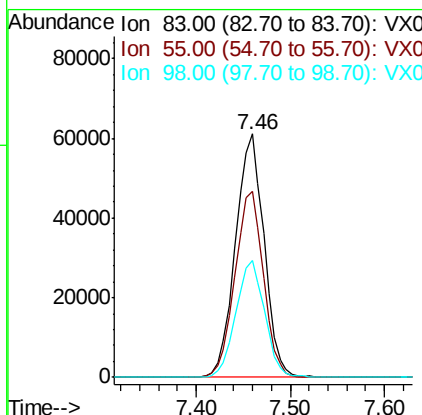
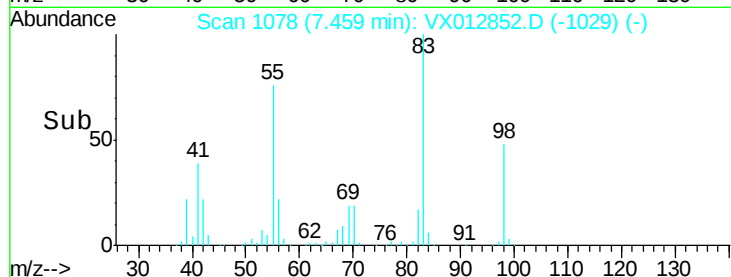
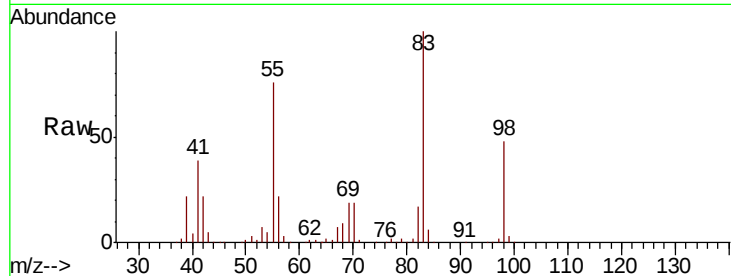
#39
Methvlcvclohexane
Concen: 39.750 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	129110		
55	76.2		64.4	96.6
98	48.2		40.1	60.1

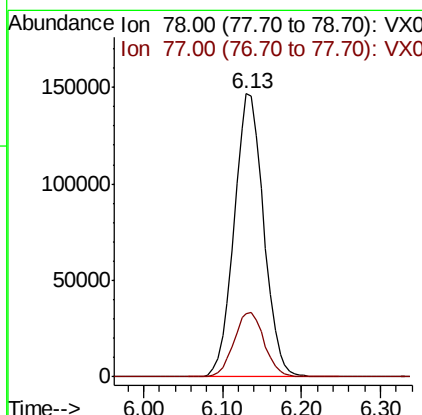
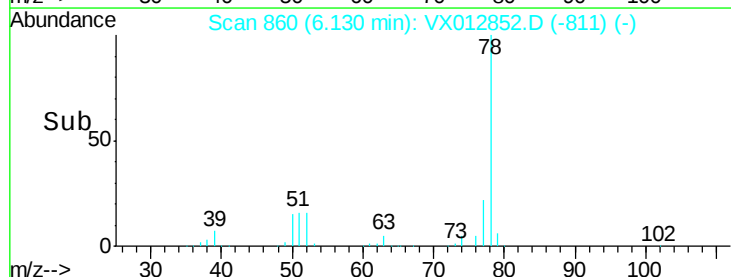
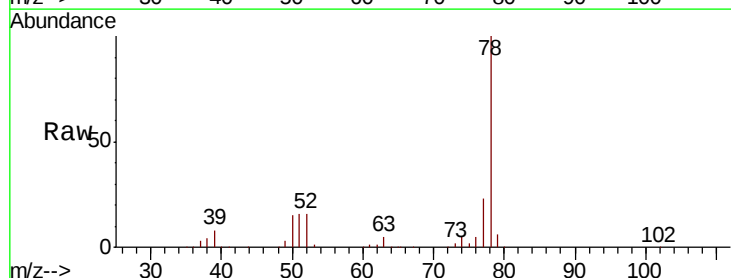
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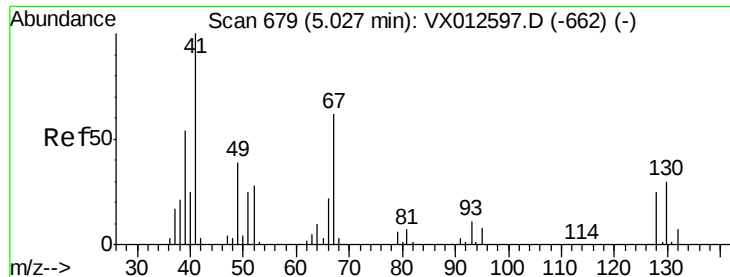
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#40
Benzene
Concen: 48.086 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	381720		
77	22.5		19.2	28.8





#41

Methacrylonitrile

Concen: 47.513 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion: 41 Resp: 84086

Ion Ratio Lower Upper

41 100

39 56.3 46.0 69.0

67 73.0 52.2 78.2

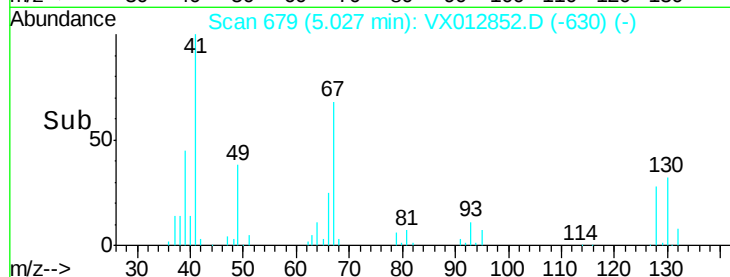
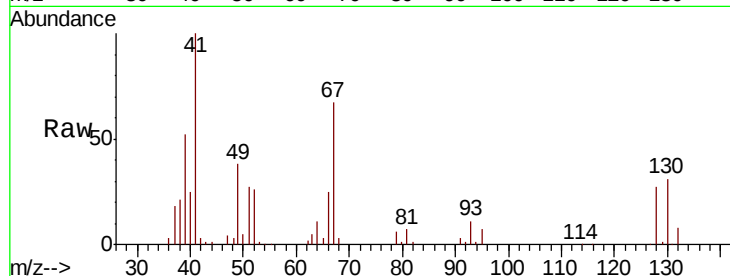
52 30.1 22.7 34.1

Manual Integrations

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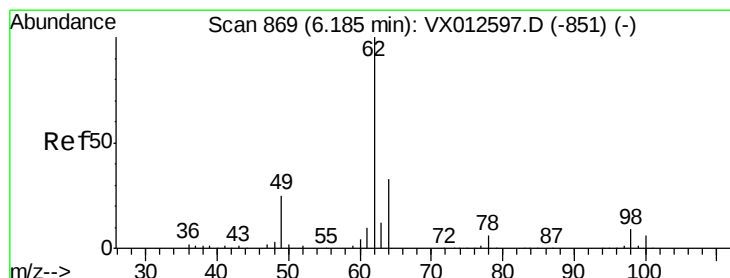
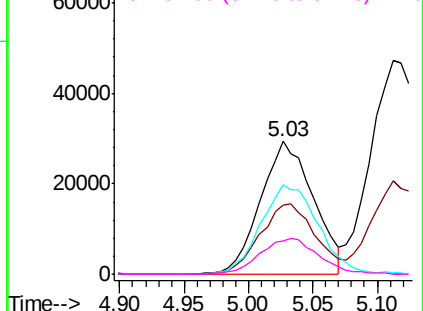


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.632 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012852.D

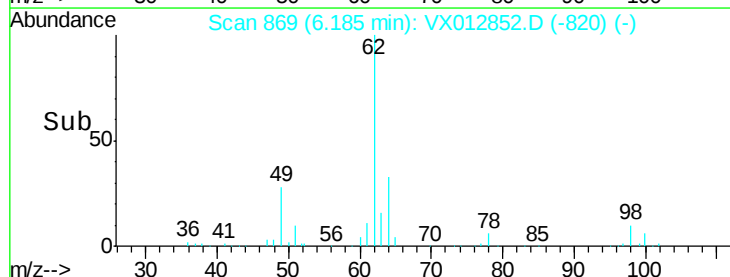
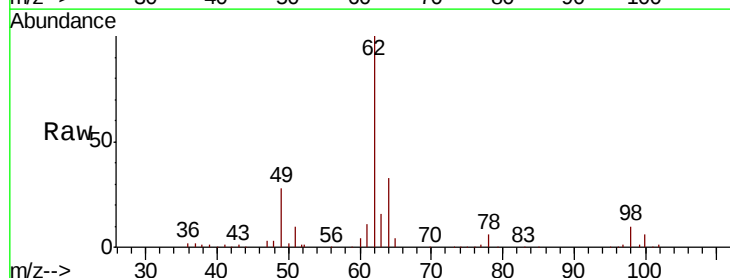
Acq: 07 Oct 2019 20:40

Tgt Ion: 62 Resp: 143585

Ion Ratio Lower Upper

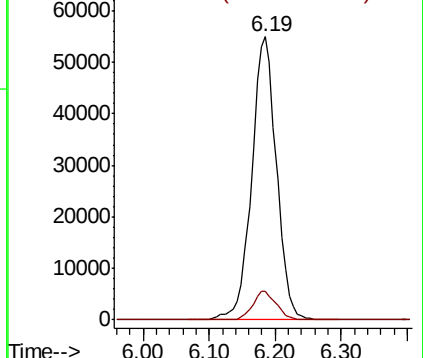
62 100

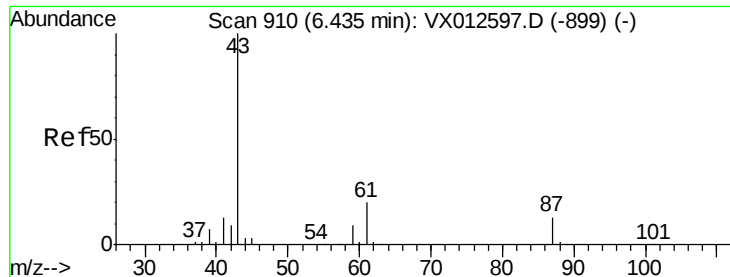
98 9.6 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

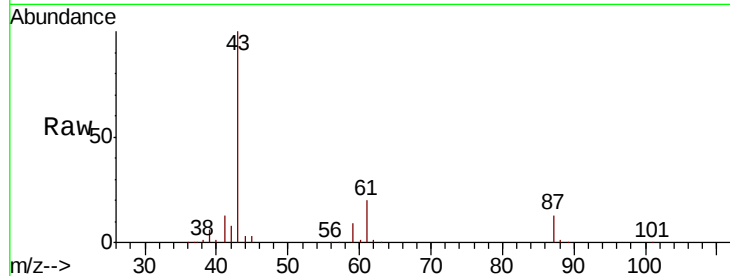
Isopropyl Acetate
 Concen: 46.935 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Instrument :
 MSVOA_X
 ClientSampled :
 MW-103IMS

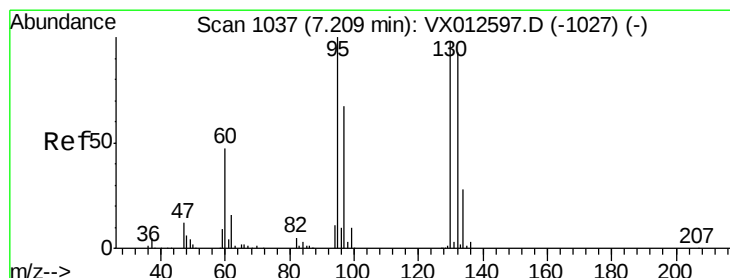
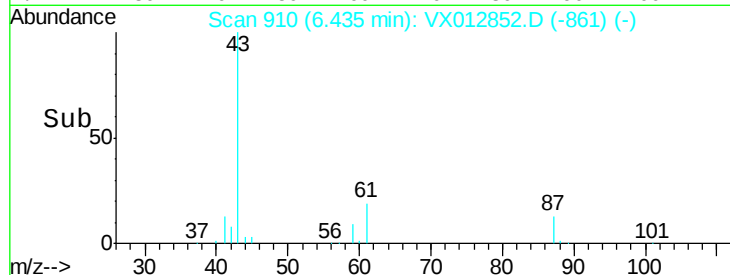
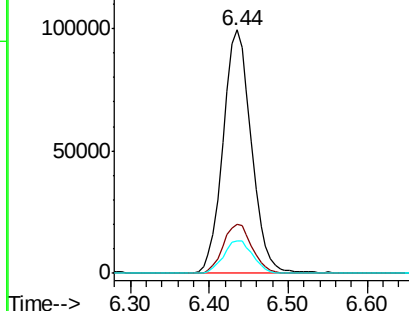
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.4	23.0
87	13.8	9.8	14.8

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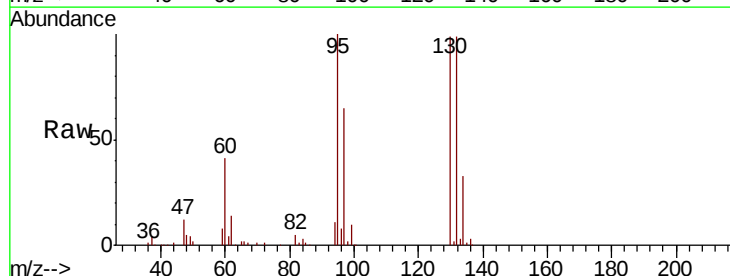
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



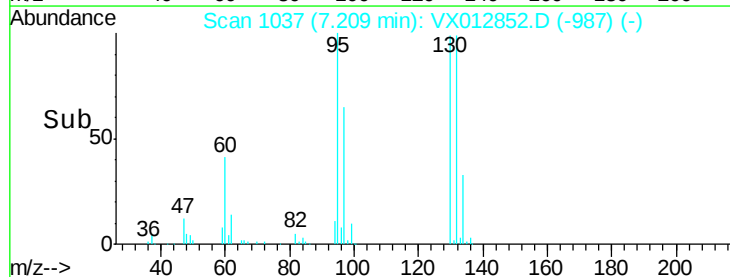
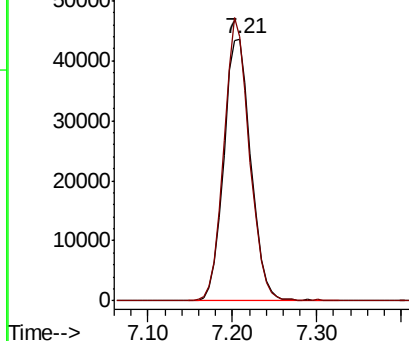
#44

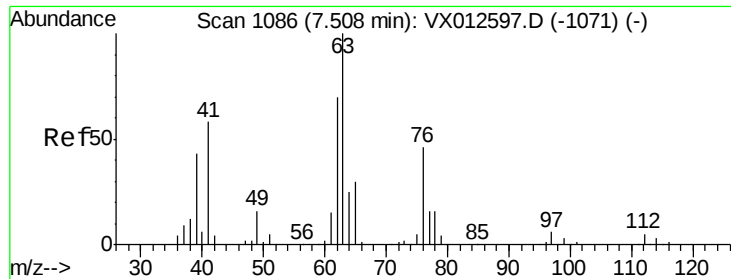
Trichloroethene
 Concen: 47.227 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





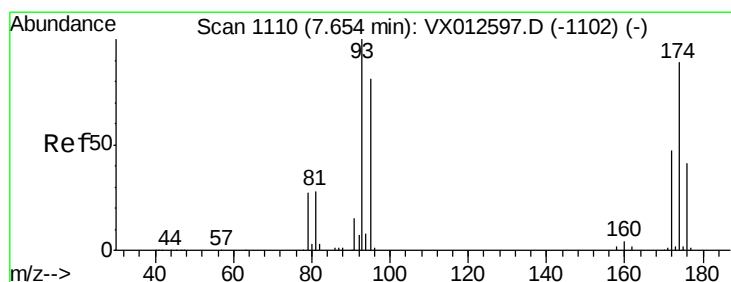
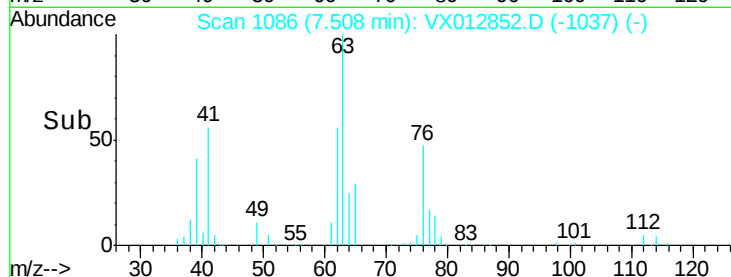
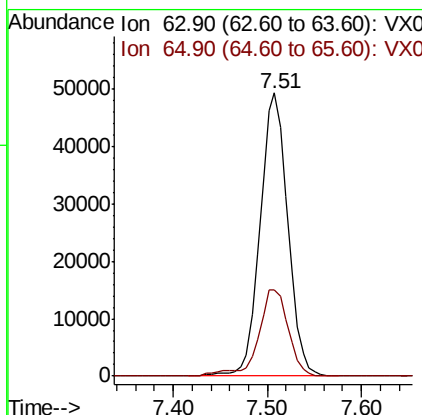
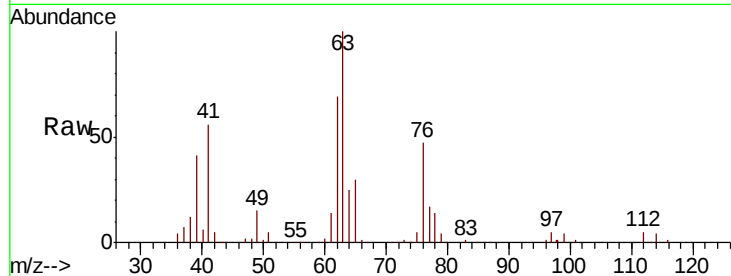
#45
 1,2-Dichloropropane
 Concen: 50.151 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Instrument :
 MSVOA_X
 ClientSampled :
 MW-103IMS

Tot Ion: 63 Resp: 101925
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6

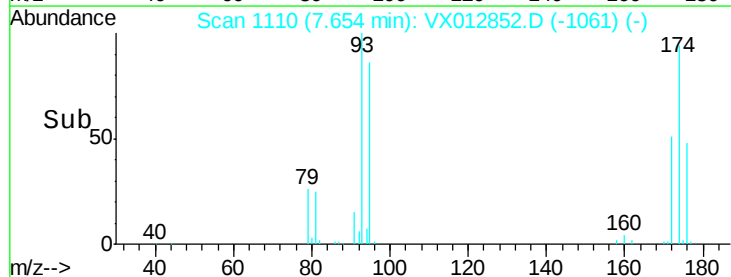
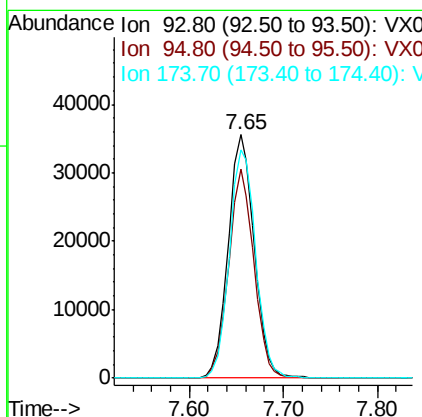
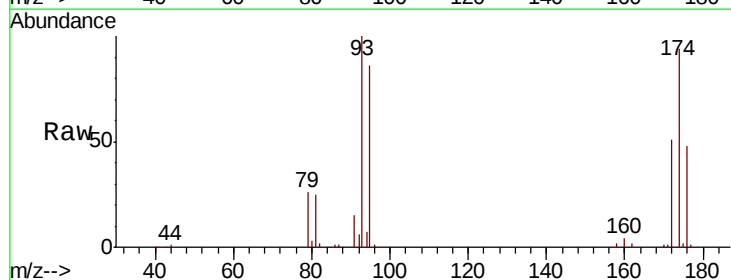
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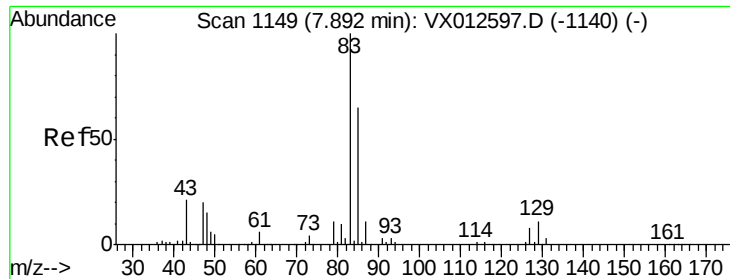
MMDadoda
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#46
 Dibromomethane
 Concen: 49.295 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Tgt Ion: 93 Resp: 68212
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.6 100.0
 174 94.6 77.4 116.0





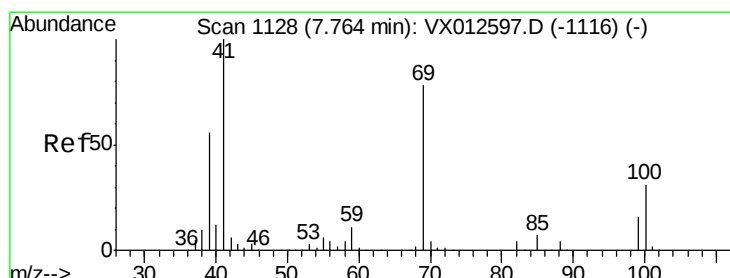
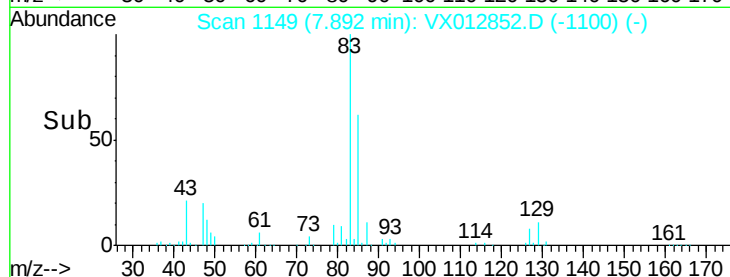
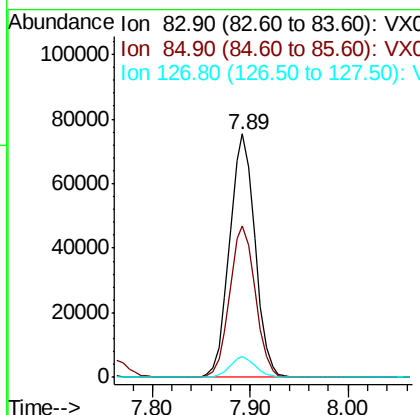
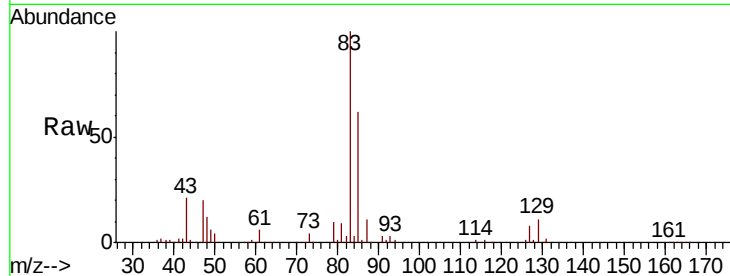
#47
Bromodichloromethane
Concen: 49.077 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.8	77.6
127	8.4	7.3	10.9

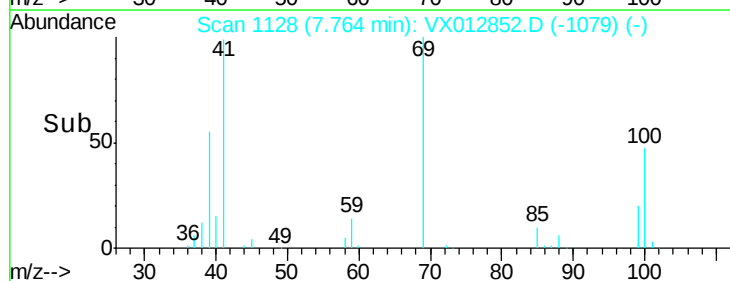
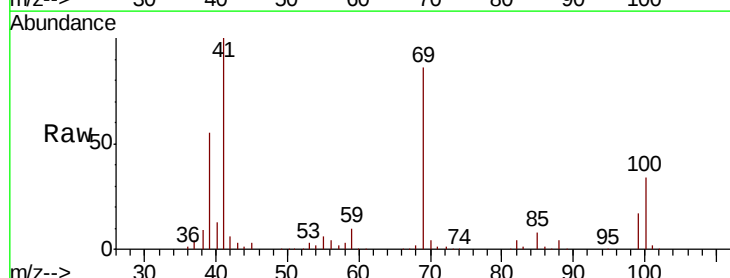
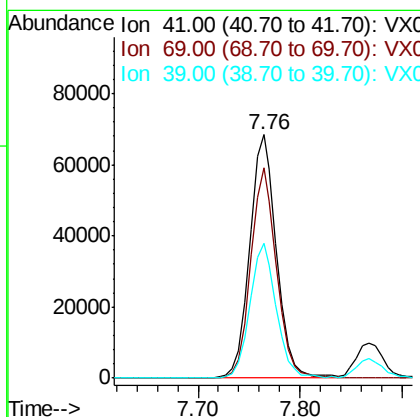
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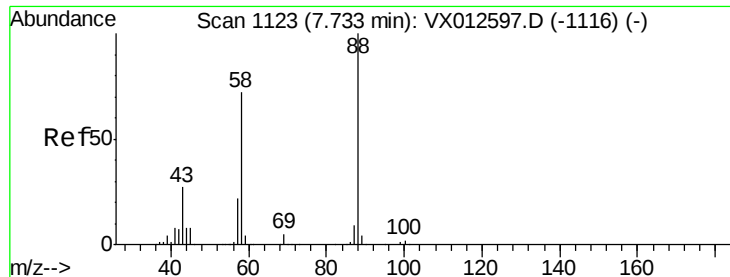
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#48
Methyl methacrylate
Concen: 49.611 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.5	59.9	89.9
39	54.3	47.8	71.6





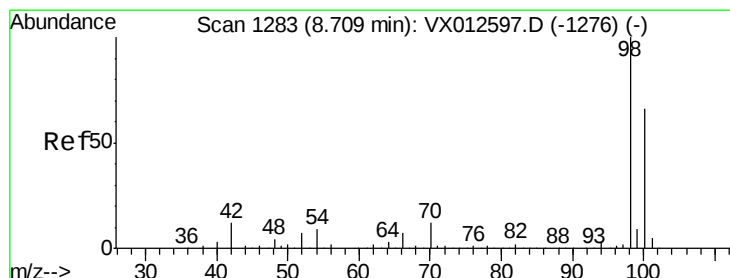
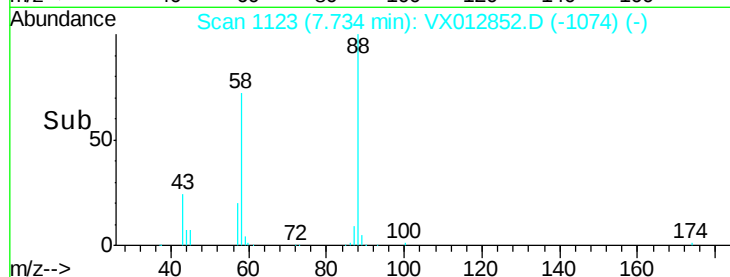
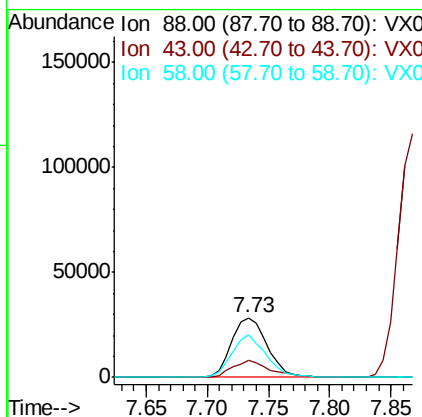
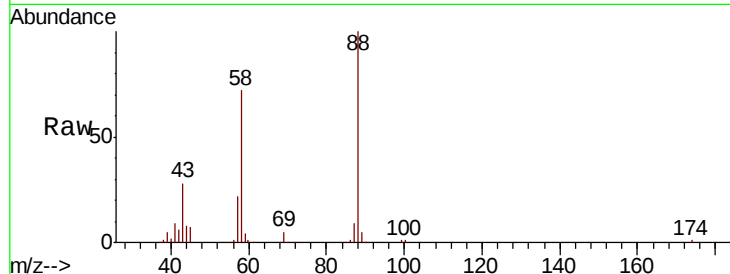
#49
1,4-Dioxane
Concen: 1004.425 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	29.4	44.0
58	69.1	57.5	86.3

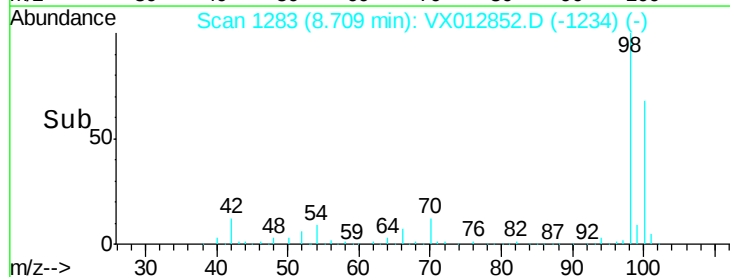
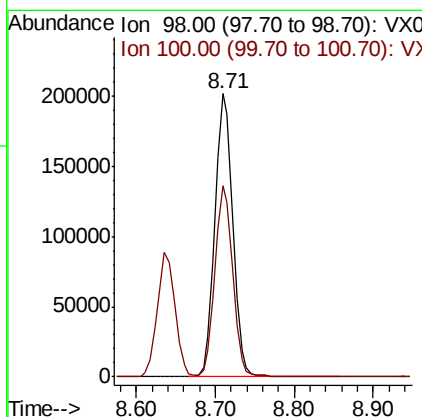
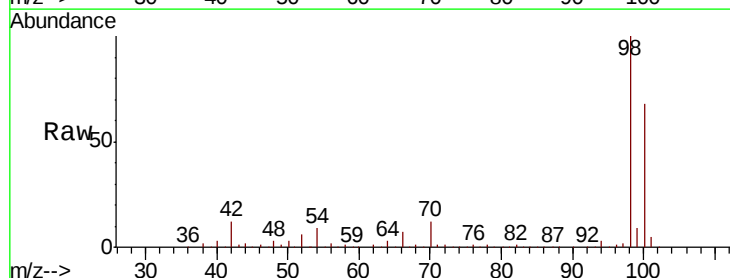
Manual Integrations
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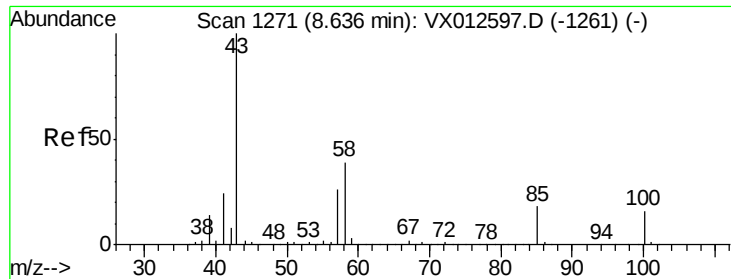
MMDadoda
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#50
Toluene-d8
Concen: 50.027 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 246.654 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampled :

MW-103IMS

Tot Ion: 43 Resp: 803125

Ion Ratio Lower Upper

43 100

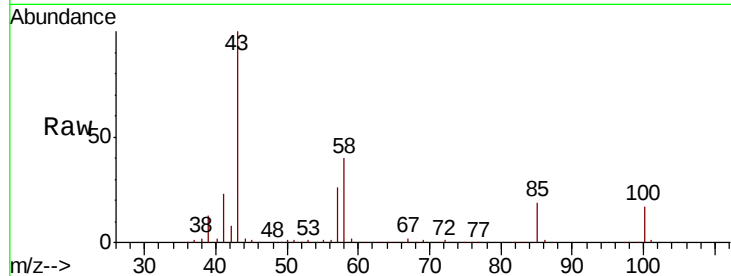
58 40.4 29.8 44.6

Manual Integrations

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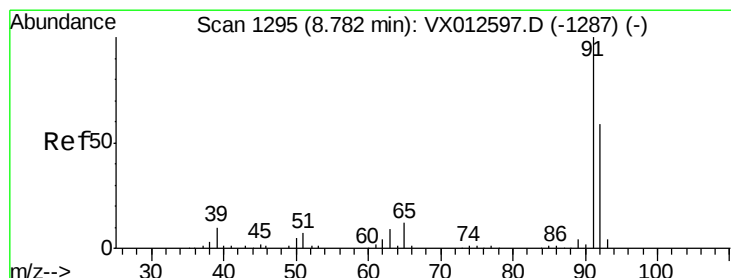
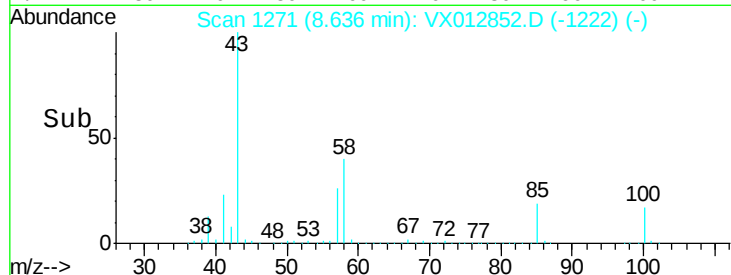
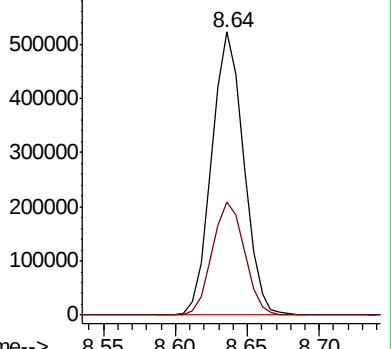
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.428 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012852.D

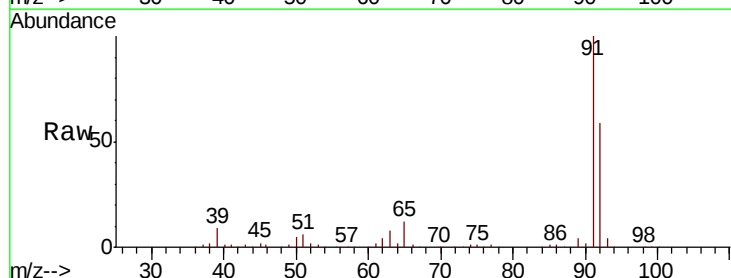
Acq: 07 Oct 2019 20:40

Tgt Ion: 92 Resp: 241619

Ion Ratio Lower Upper

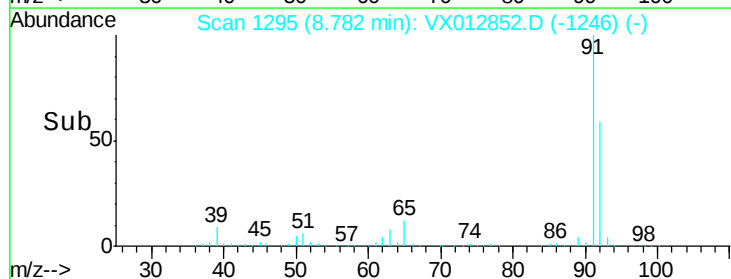
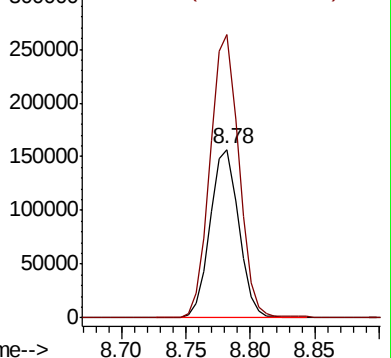
92 100

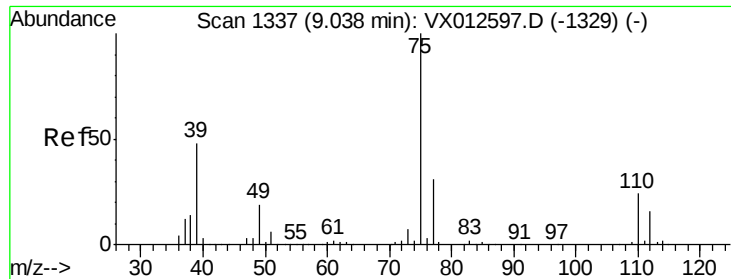
91 169.4 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





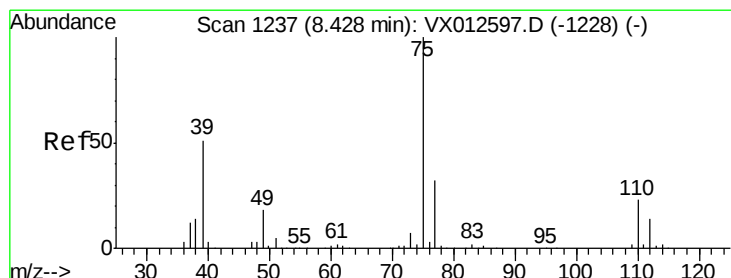
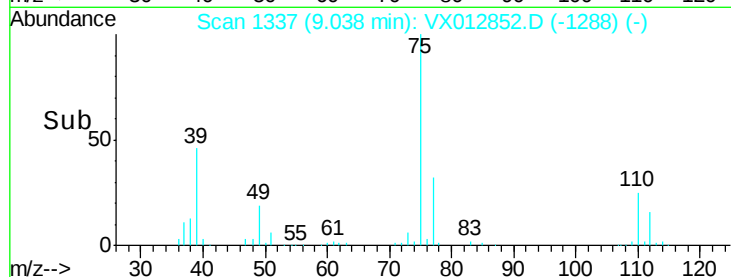
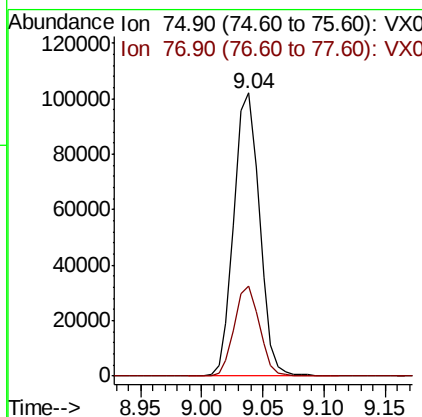
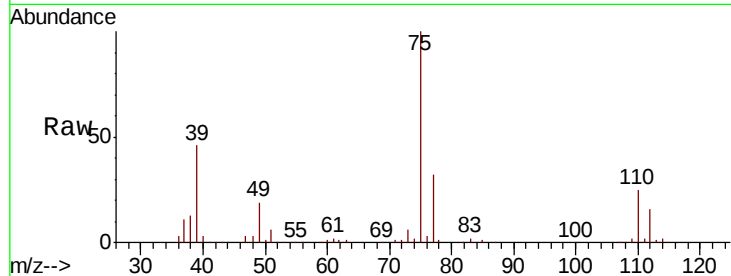
#53
t-1,3-Dichloropropene
Concen: 48.440 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampled :
MW-103IMS

Tot Ion: 75 Resp: 148221
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8

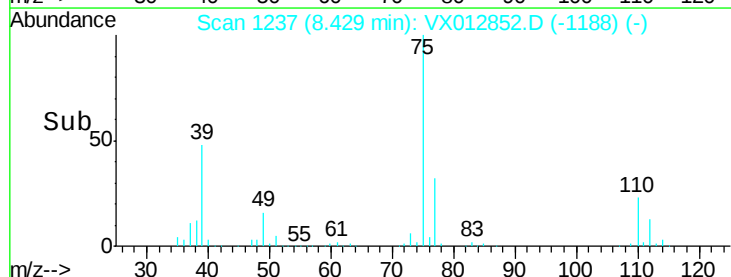
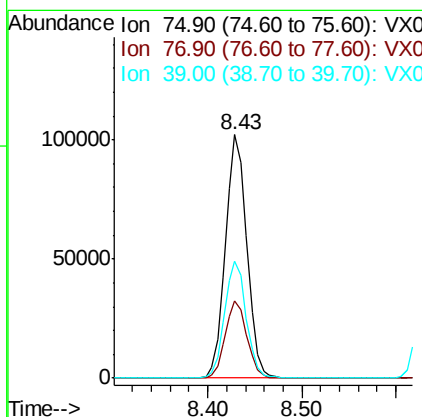
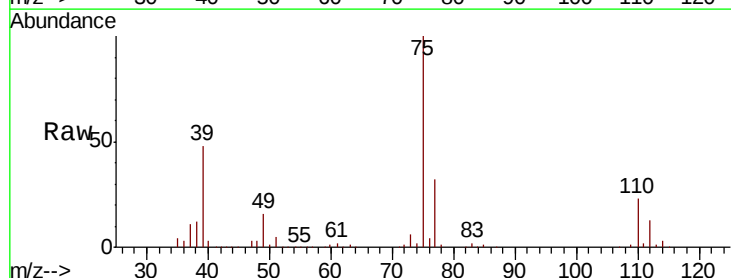
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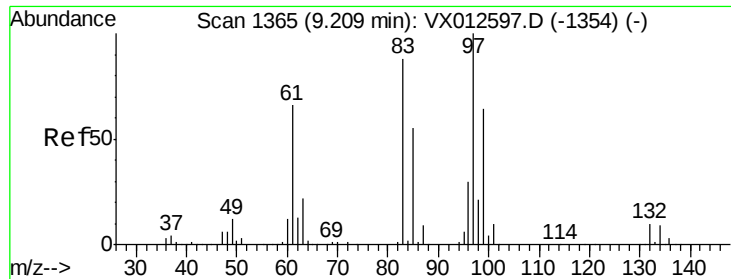
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#54
cis-1,3-Dichloropropene
Concen: 48.252 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion: 75 Resp: 161204
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
39 48.1 45.5 68.3





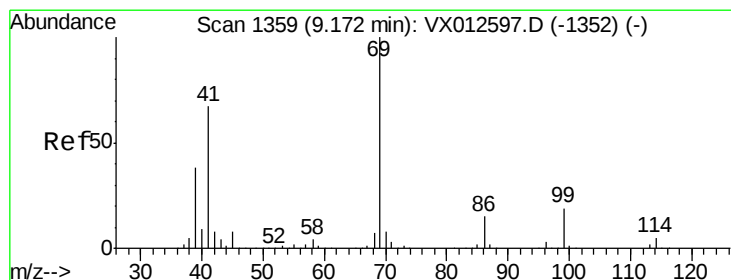
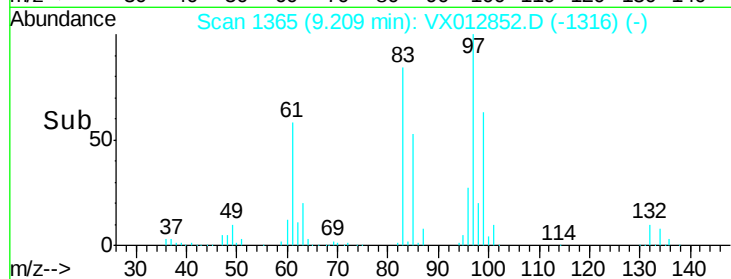
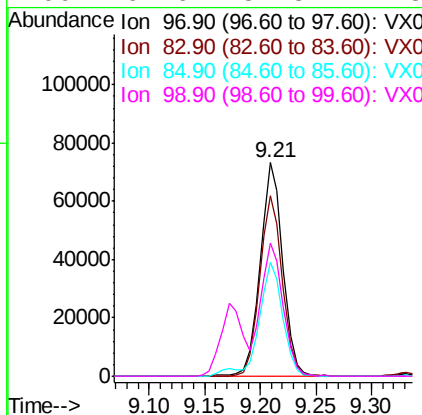
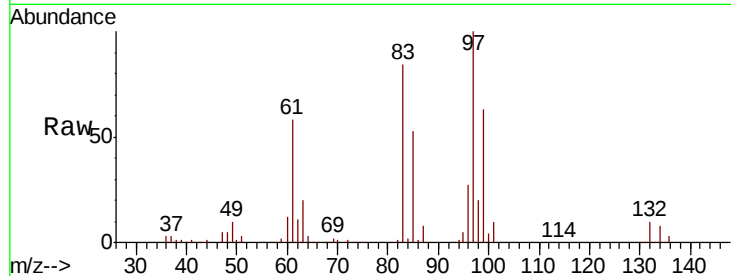
#55
 1,1,2-Trichloroethane
 Concen: 52.400 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Instrument :
 MSVOA_X
 ClientSampled :
 MW-103IMS

Tot Ion:	97	Resp:	103940
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.2
85	53.4	43.5	65.3
99	62.6	51.8	77.8

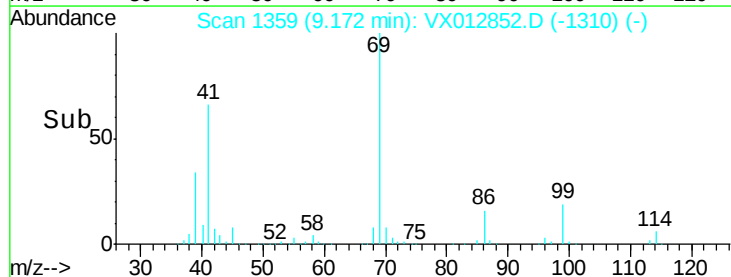
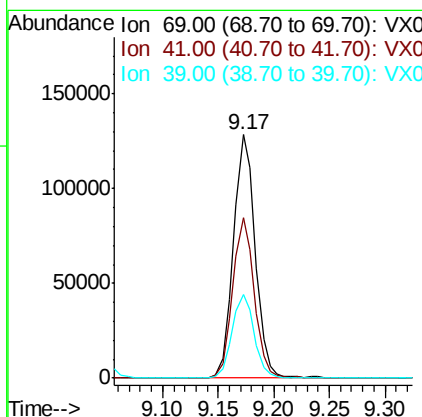
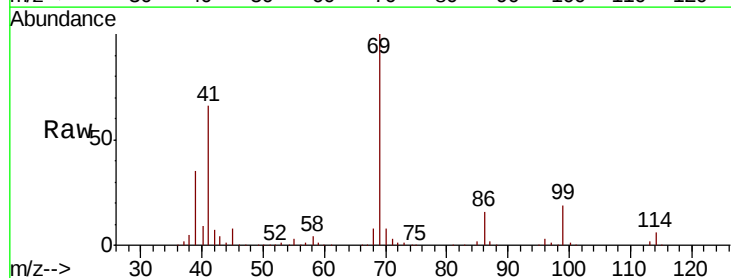
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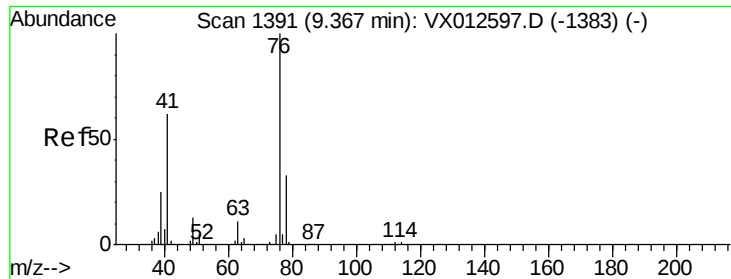
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#56
 Ethyl methacrylate
 Concen: 52.355 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Tgt Ion:	69	Resp:	174469
Ion	Ratio	Lower	Upper
69	100		
41	65.3	58.4	87.6
39	34.7	33.4	50.0





#57

1,3-Dichloropropane

Concen: 50.472 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion: 76 Resp: 175219

Ion Ratio Lower Upper

76 100

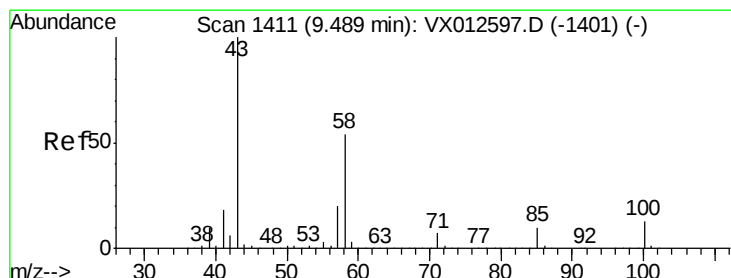
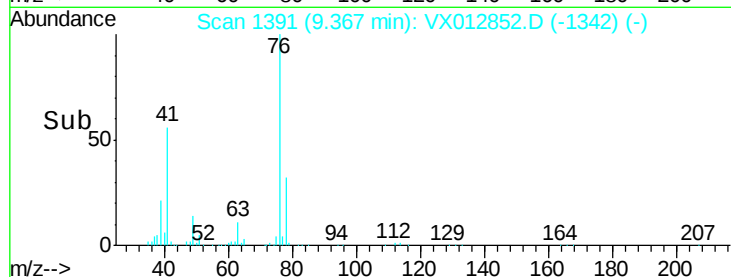
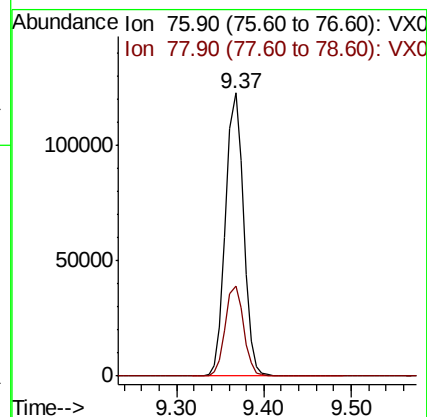
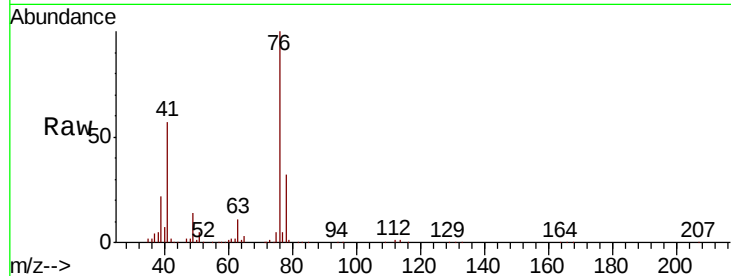
78 32.4 26.2 39.2

Manual Integrations

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#59

2-Hexanone

Concen: 252.566 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX012852.D

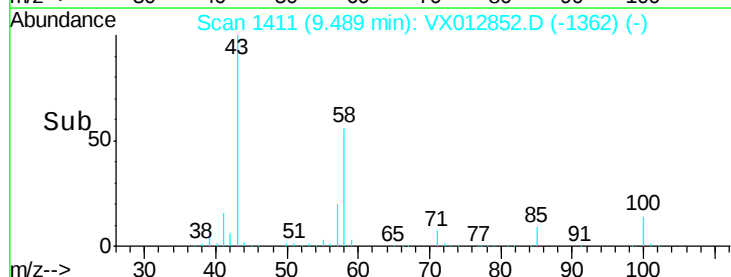
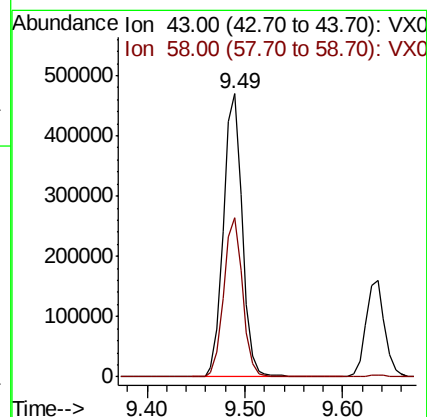
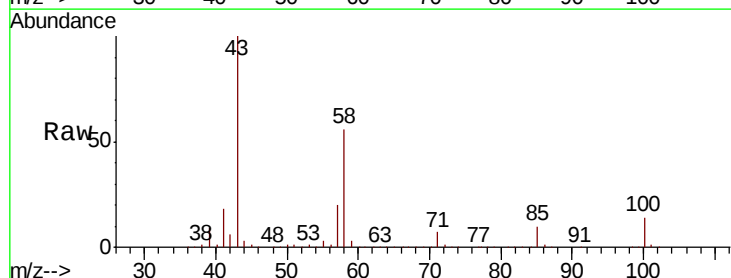
Acq: 07 Oct 2019 20:40

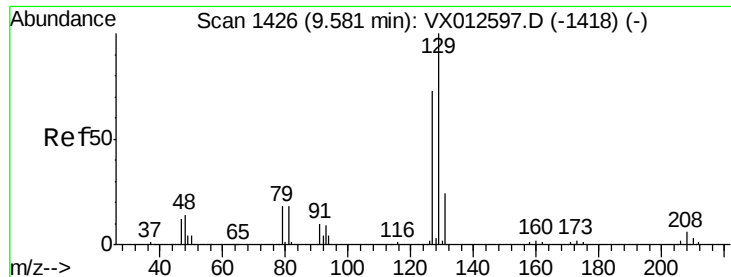
Tgt Ion: 43 Resp: 629476

Ion Ratio Lower Upper

43 100

58 56.1 25.7 77.1





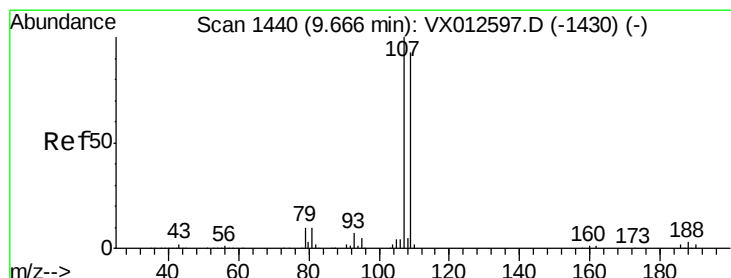
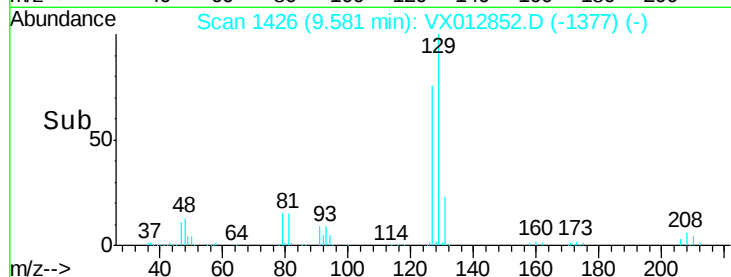
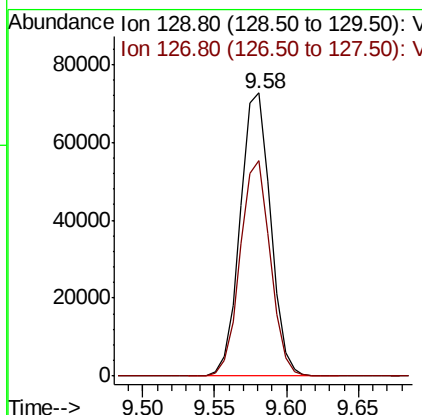
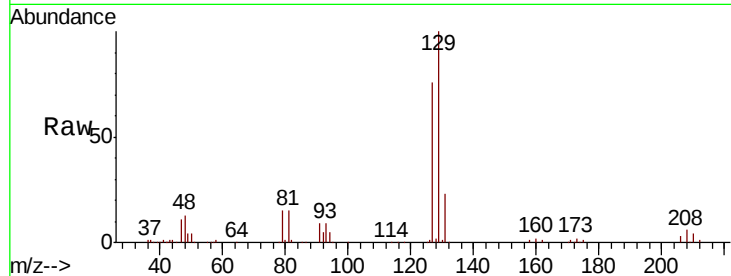
#60
Dibromochloromethane
Concen: 52.965 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion	Ratio	Lower	Upper
129	100		
127	75.6	38.9	116.6

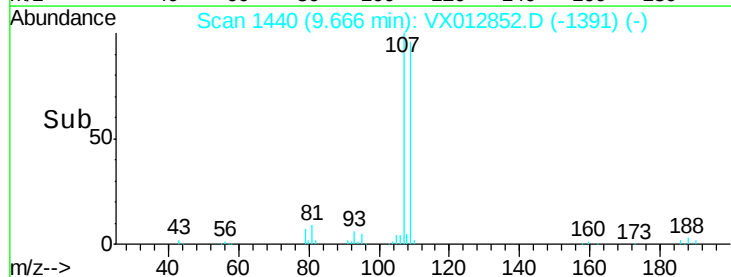
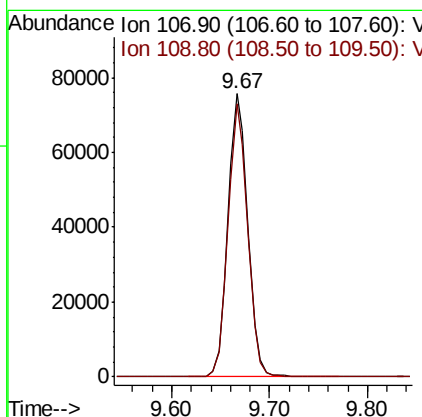
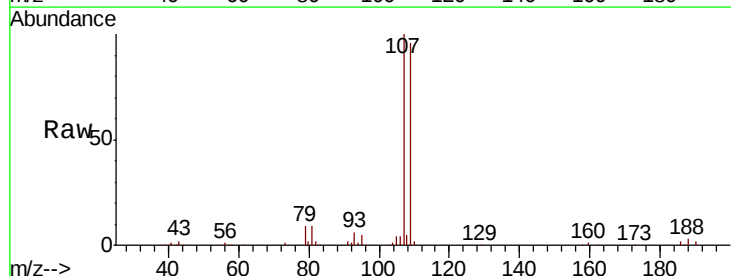
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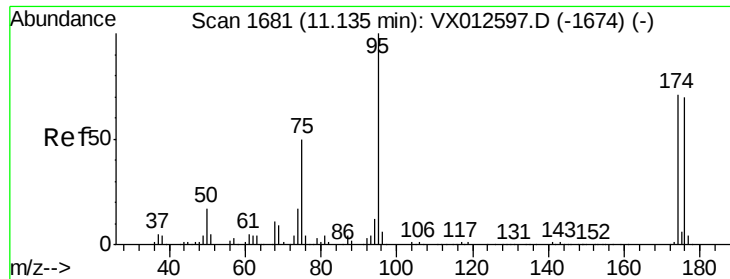
MMDadoda
10/8/2019 2:06:57 PM



#61
1,2-Dibromoethane
Concen: 51.490 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.3	74.7	112.1





#62

4-Bromofluorobenzene

Concen: 52.269 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

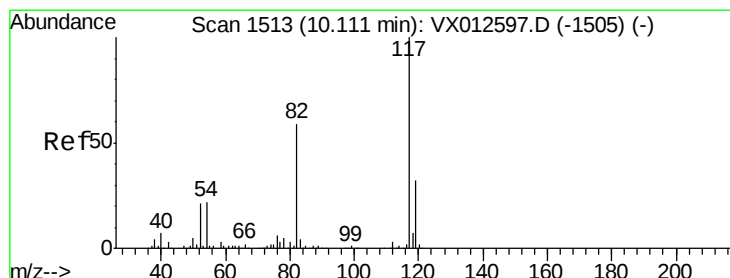
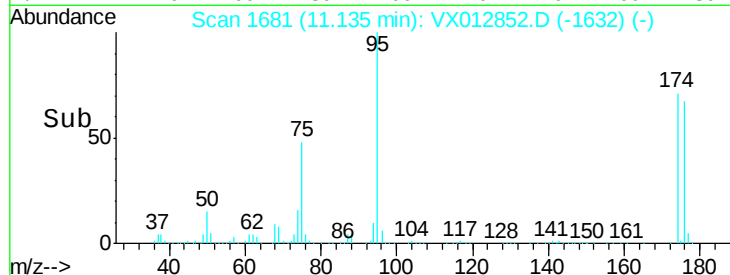
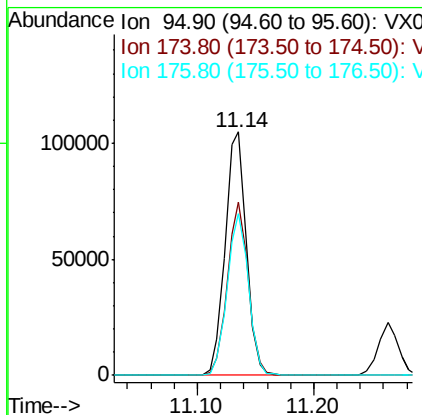
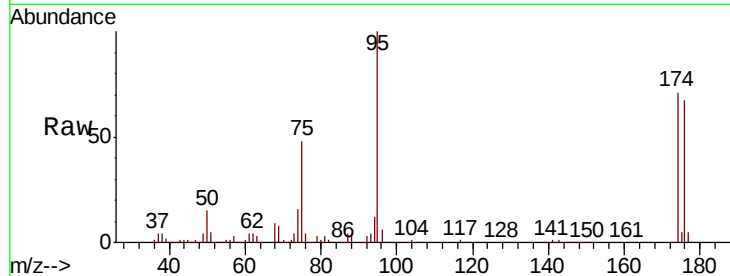
ClientSampled :

MW-103IMS

Tot Ion:	95	Resp:	131936
Ion Ratio	Lower	Upper	
95	100		
174	70.1	0.0	140.0
176	67.1	0.0	135.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

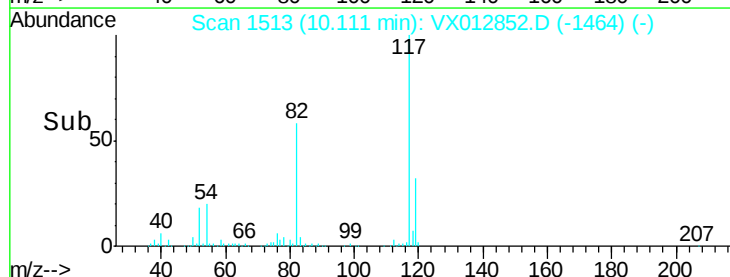
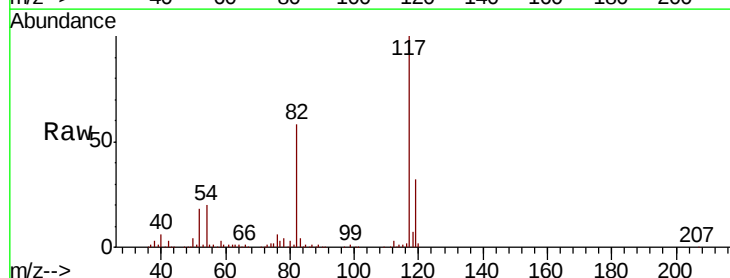
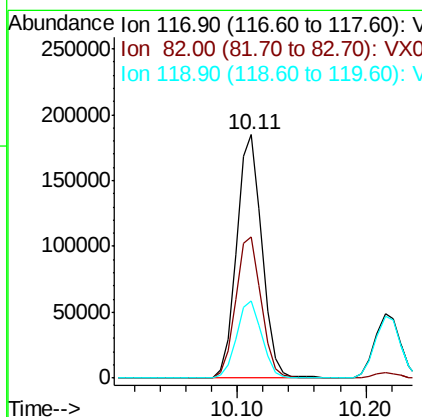
RT: 10.11 min Scan# 1513

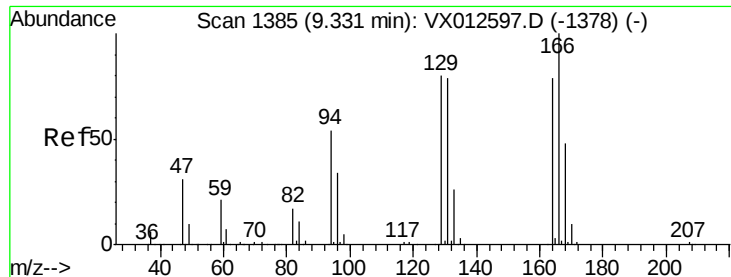
Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Tgt Ion:	117	Resp:	251479
Ion Ratio	Lower	Upper	
117	100		
82	58.0	45.9	68.9
119	31.7	25.3	37.9





#64

Tetrachloroethene

Concen: 43.224 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion:164 Resp: 75787

Ion Ratio Lower Upper

164 100

166 128.9 107.8 161.6

129 98.9 86.2 129.2

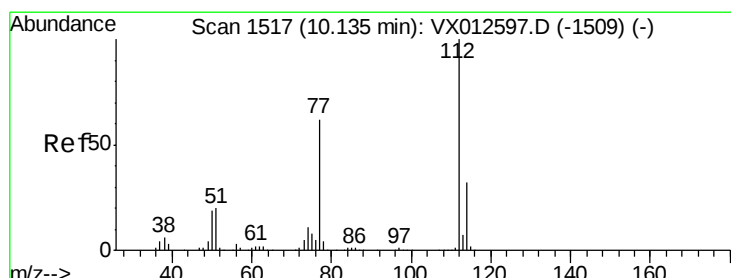
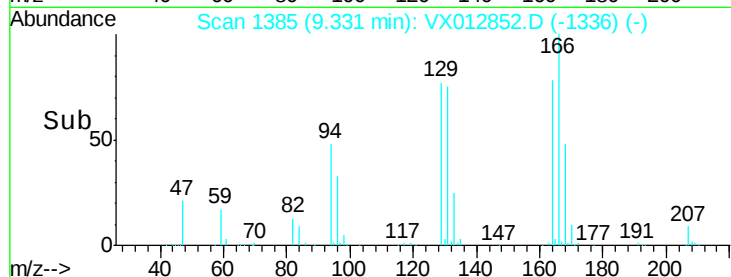
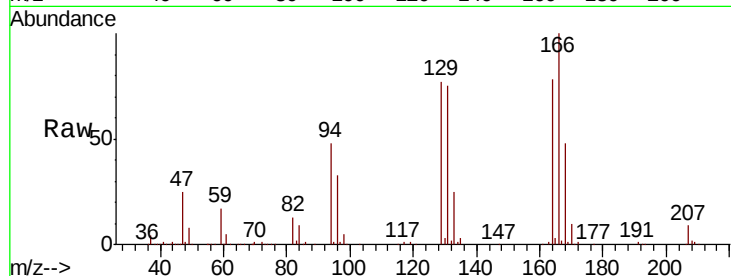
131 97.1 80.4 120.6

Manual Integrations

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#65

Chlorobenzene

Concen: 48.750 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012852.D

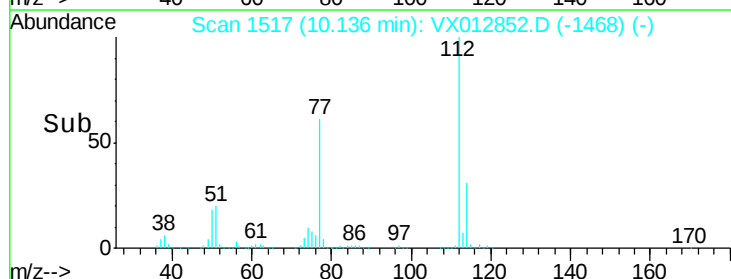
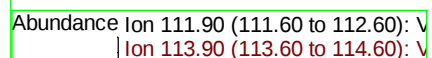
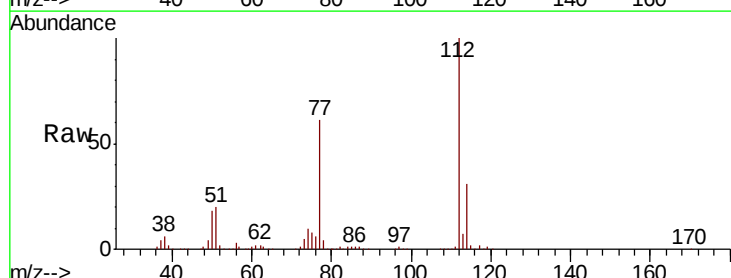
Acq: 07 Oct 2019 20:40

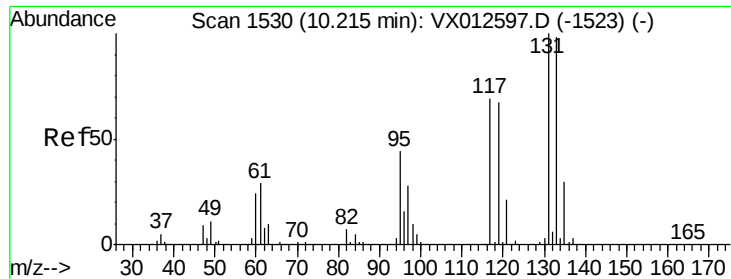
Tgt Ion:112 Resp: 258163

Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.0





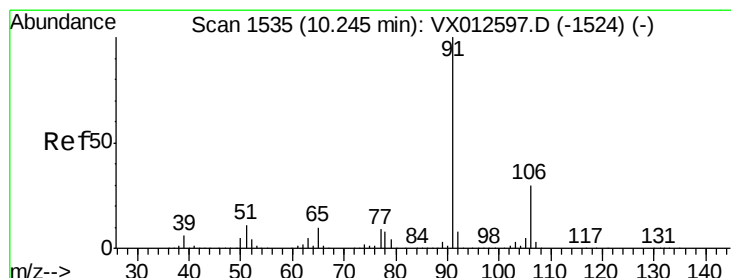
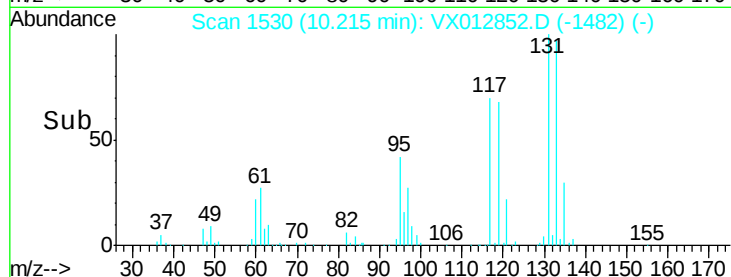
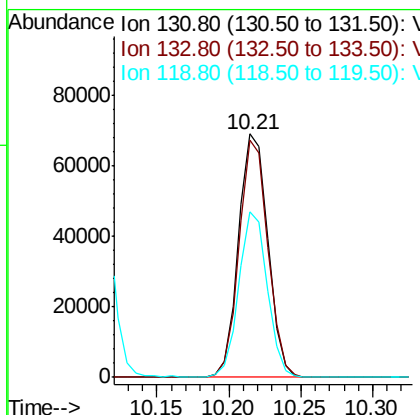
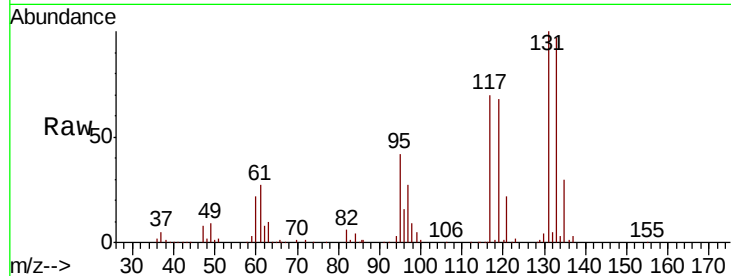
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.799 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Instrument :
 MSVOA_X
 ClientSampled :
 MW-103IMS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.6	142.9
119	65.9	31.3	93.8

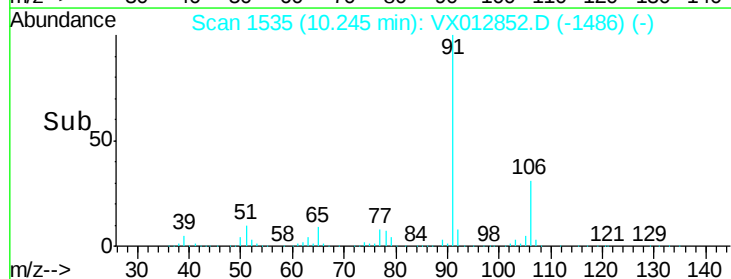
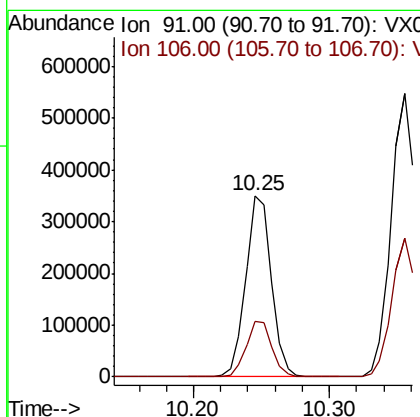
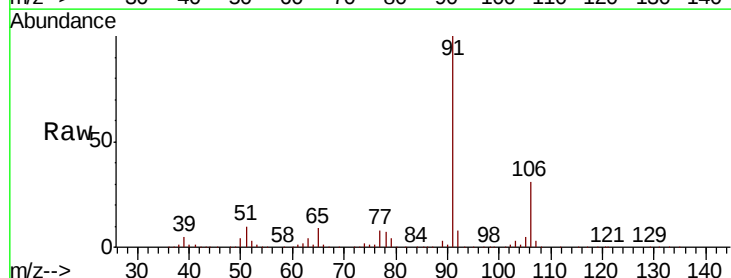
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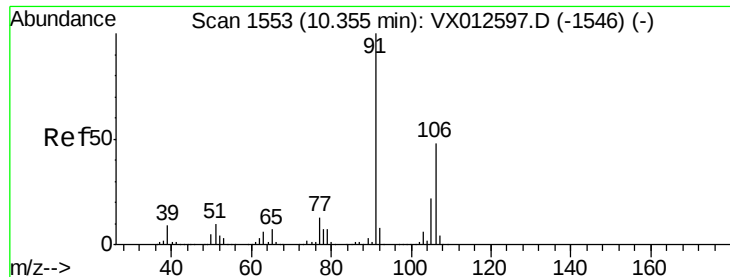
MMDadoda
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#67
 Ethyl Benzene
 Concen: 48.178 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.6	37.0





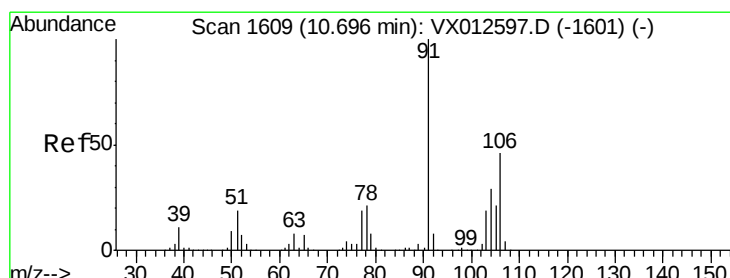
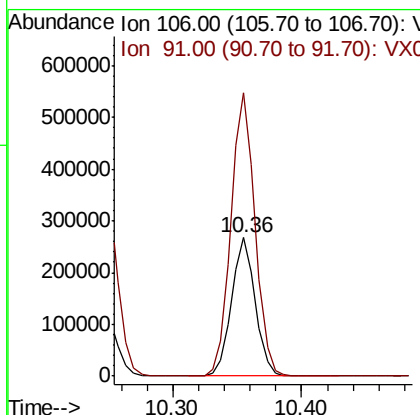
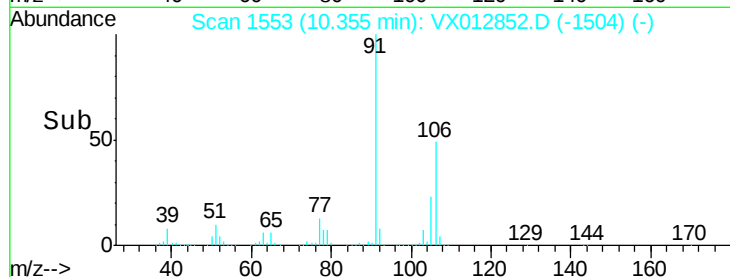
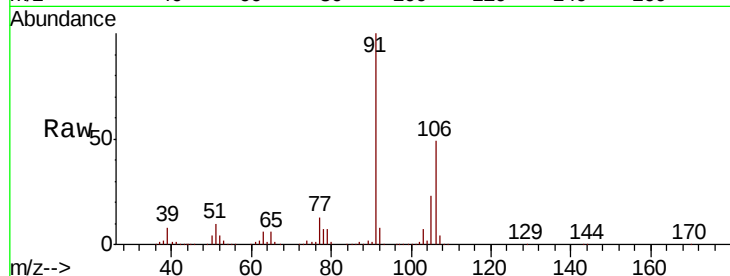
#68
m/p-Xylenes
Concen: 96.050 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampled :
MW-103IMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		345589		
91	207.9	166.6	250.0		

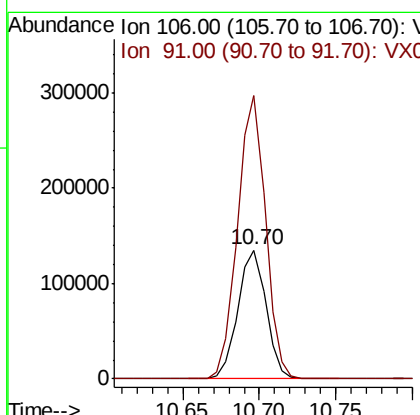
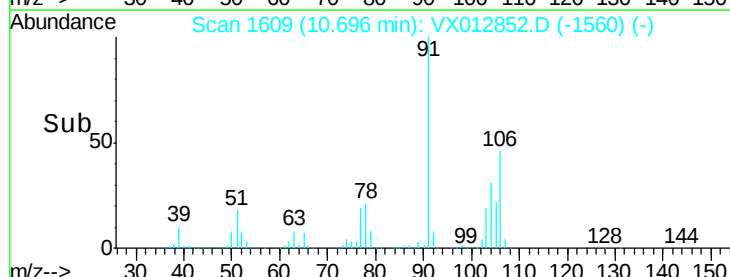
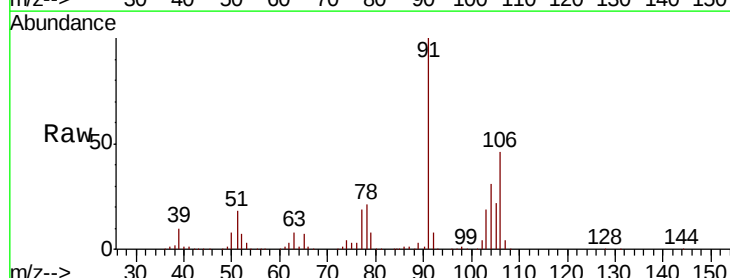
Manual Integrations
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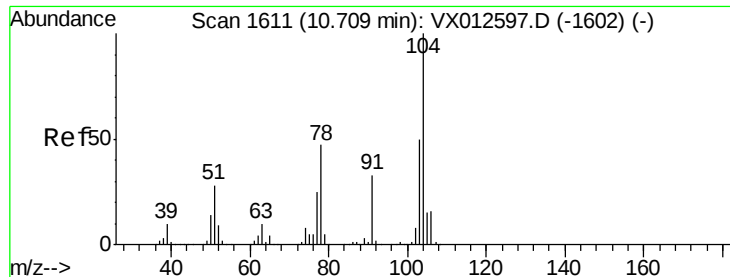
MMDadoda
10/8/2019 2:06:57 PM



#69
o-Xylene
Concen: 49.689 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		172991		
91	218.1	109.4	328.2		





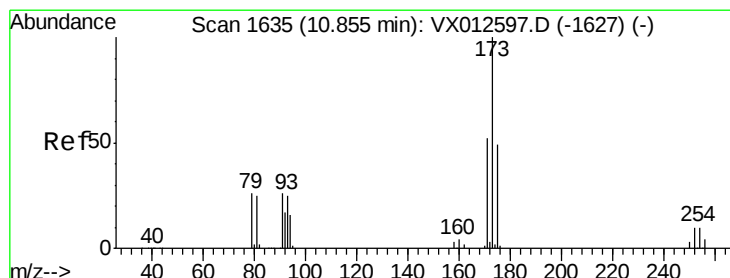
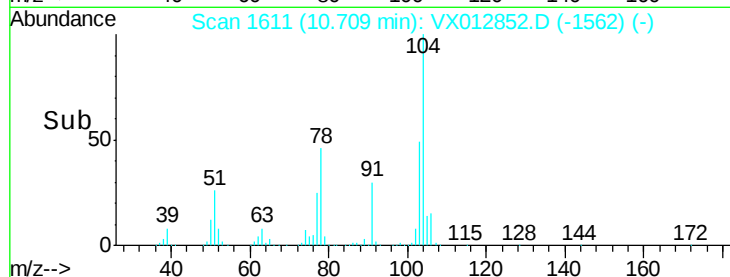
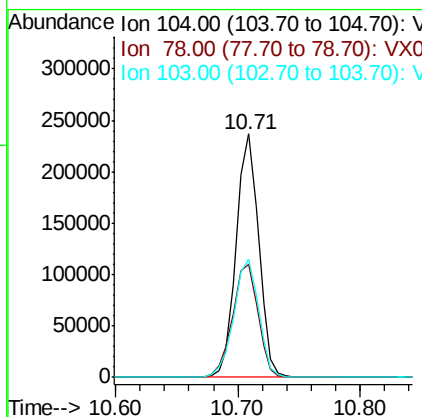
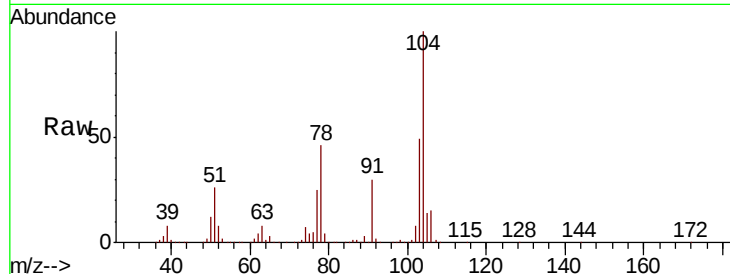
#70
Stvrene
Concen: 51.627 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	301320		
78	52.7		43.4	65.2
103	53.8		43.3	64.9

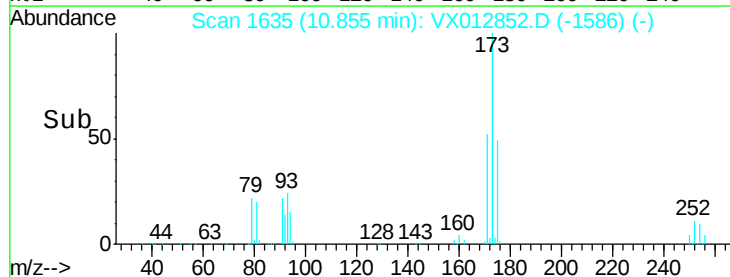
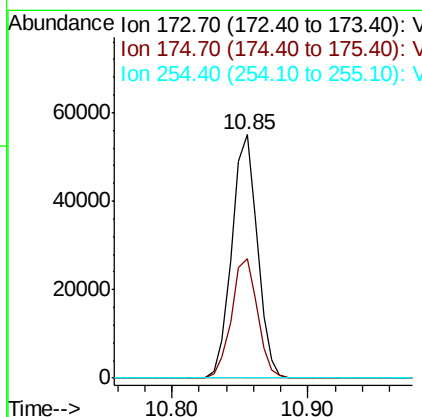
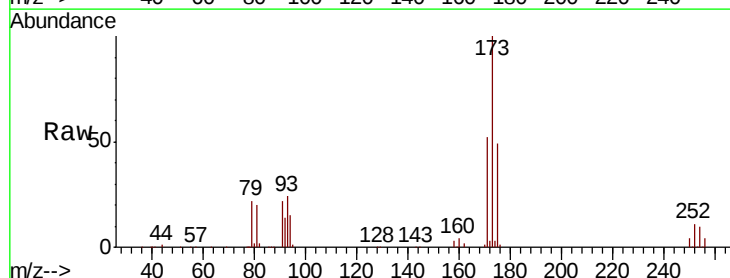
Manual Integrations
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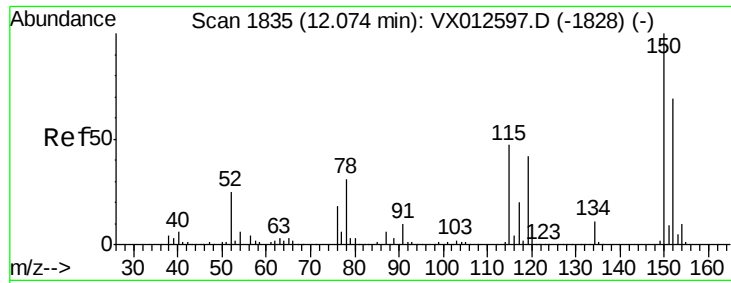
MMDadoda
10/8/2019 2:06:57 PM



#71
Bromoform
Concen: 53.944 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	72071		
175	50.0		23.7	71.1
254	0.1		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

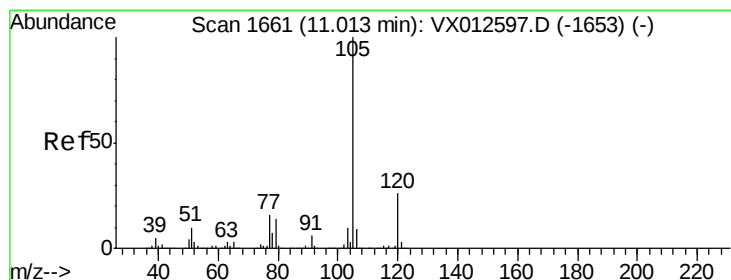
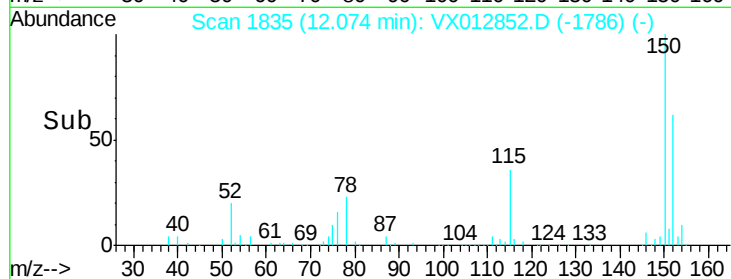
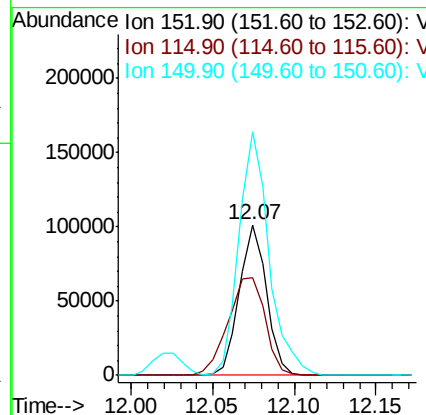
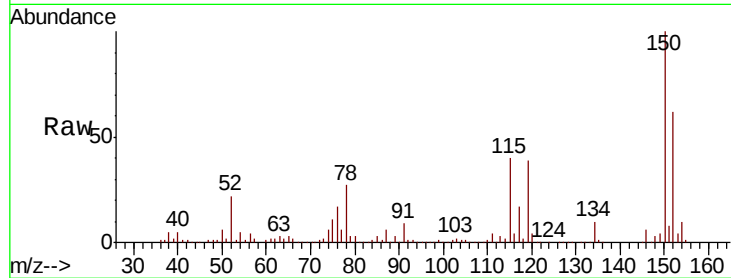
ClientSampleId :

MW-103IMS

Tot Ion:	152	Resp:	118310
Ion Ratio	Lower	Upper	
152	100		
115	87.5	44.1	132.3
150	178.5	0.0	343.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 46.343 ug/l

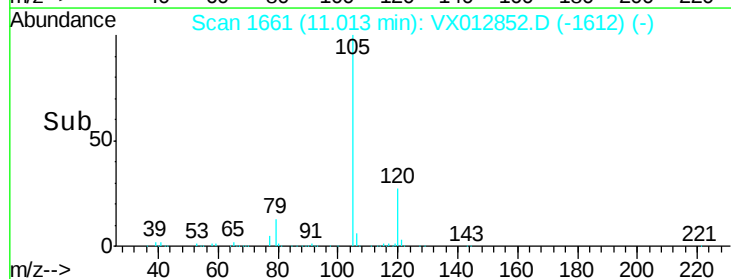
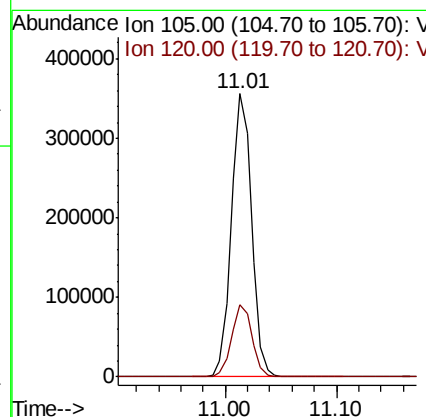
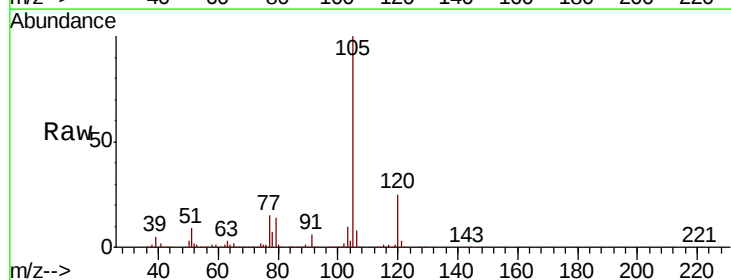
RT: 11.01 min Scan# 1661

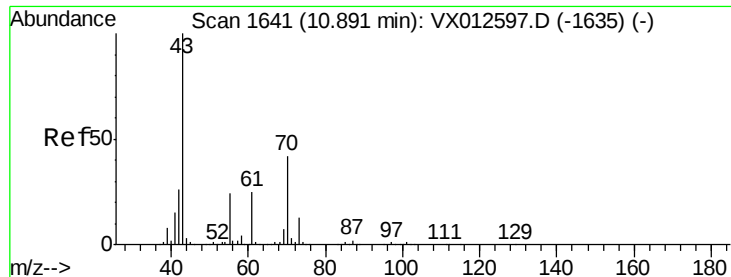
Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Tgt Ion:	105	Resp:	446556
Ion Ratio	Lower	Upper	
105	100		
120	25.7	12.9	38.7





#74

N-amvl acetate

Concen: 47.969 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

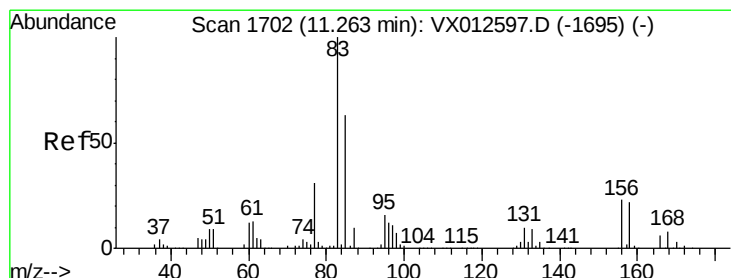
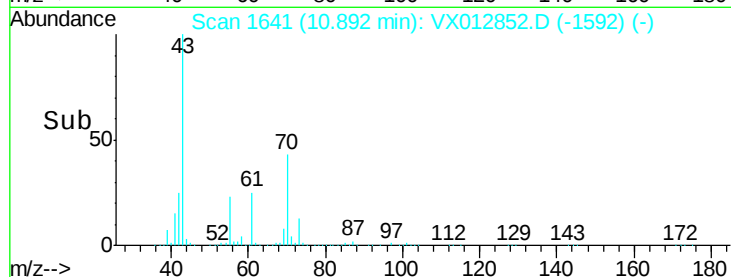
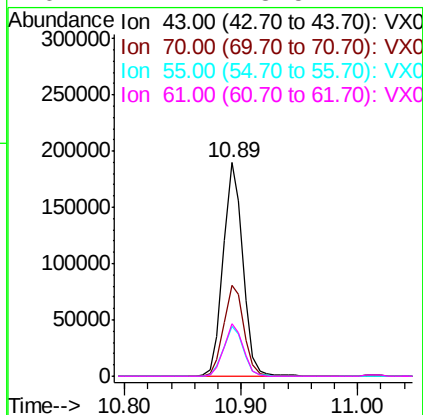
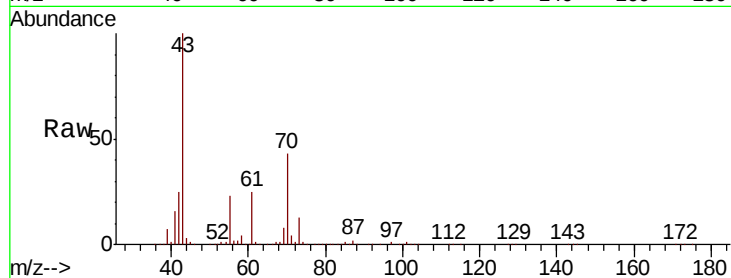
ClientSampleId :

MW-103IMS

Tot Ion	43	Resp	220513
Ion Ratio	Lower	Upper	
43	100		
70	44.2	32.4	48.6
55	23.7	18.2	27.4
61	24.4	18.5	27.7

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#75

1,1,2,2-Tetrachloroethane

Concen: 53.135 ug/l

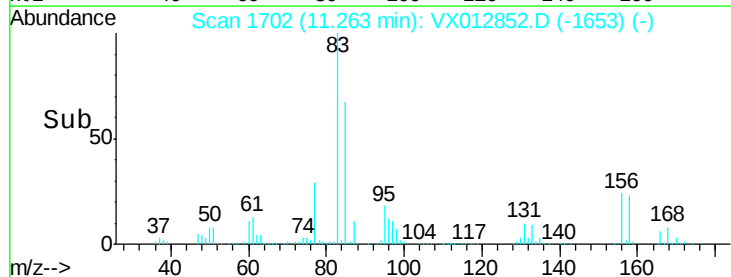
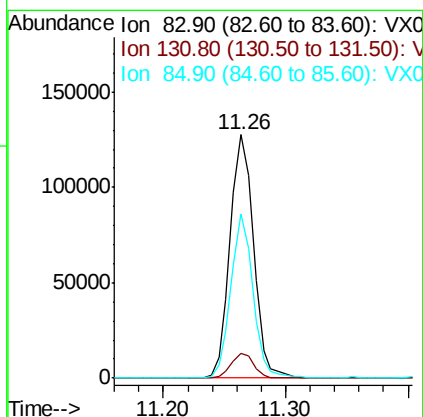
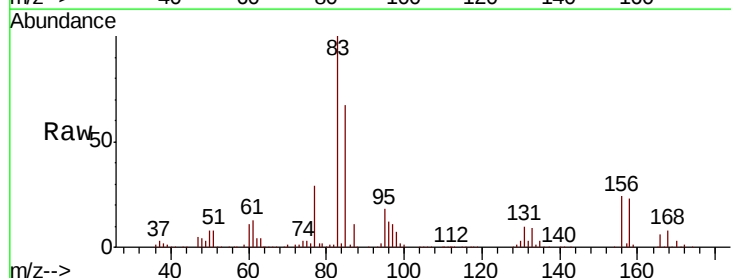
RT: 11.26 min Scan# 1702

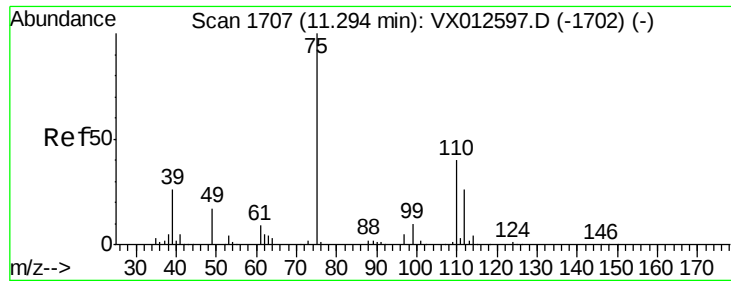
Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Tgt Ion	83	Resp	169568
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.2	15.6
85	63.4	32.0	96.0





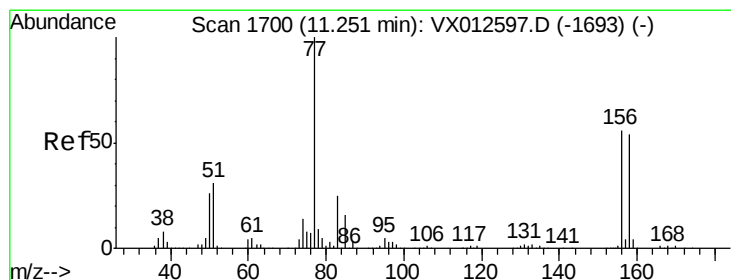
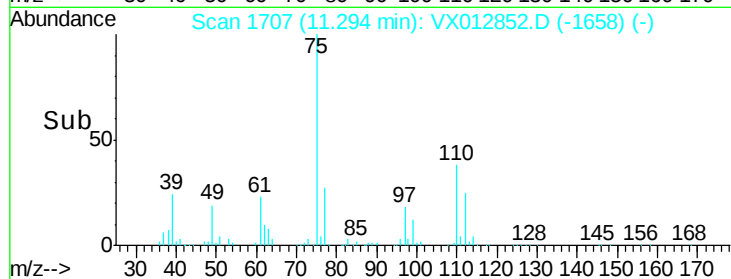
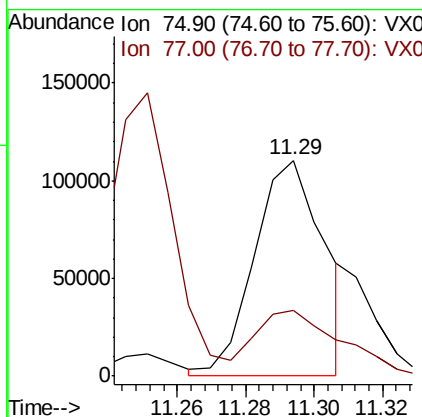
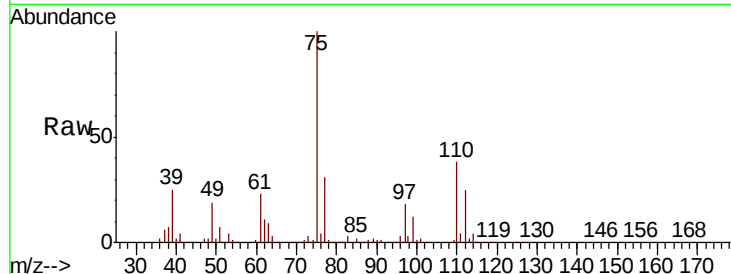
#76
 1,2,3-Trichloropropane
 Concen: 49.615 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMS

Tot Ion: 75 Resp: 155275
 Ion Ratio Lower Upper
 75 100
 77 37.3 19.7 59.0

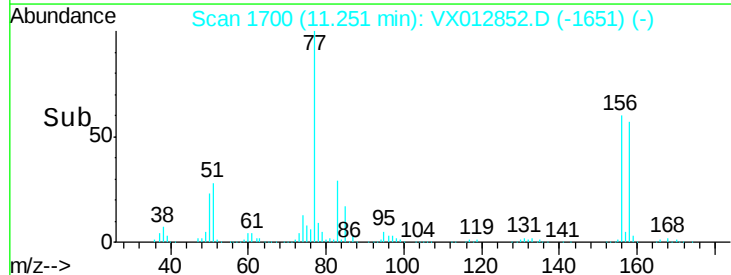
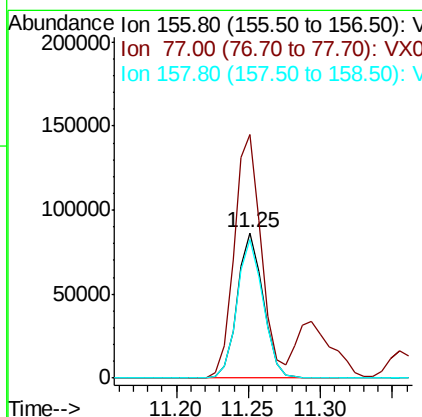
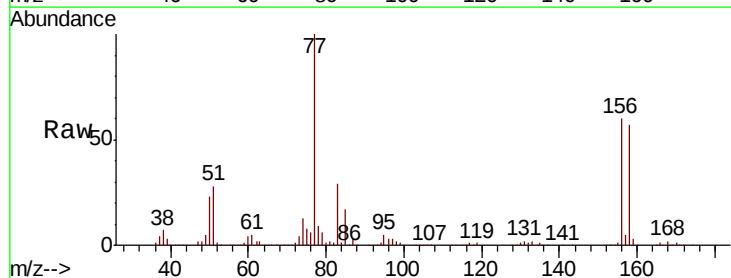
Manual Integrations
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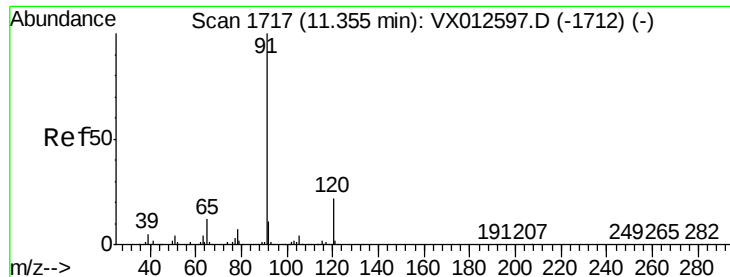
MMDadoda
 10/8/2019 2:06:57 PM



#77
 Bromobenzene
 Concen: 49.545 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Tgt Ion: 156 Resp: 108052
 Ion Ratio Lower Upper
 156 100
 77 175.5 87.3 261.8
 158 96.3 48.5 145.6





#78

n-propylbenzene

Concen: 45.986 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion: 91 Resp: 498873

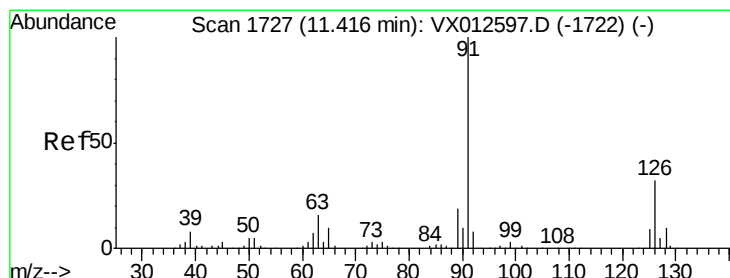
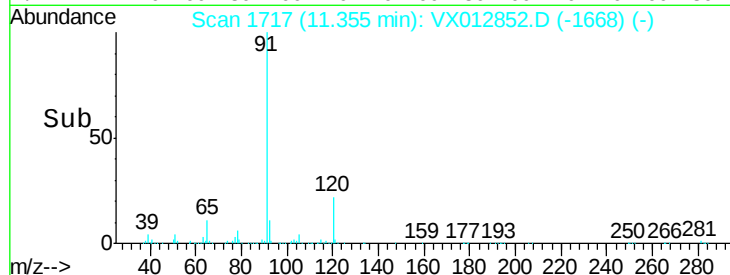
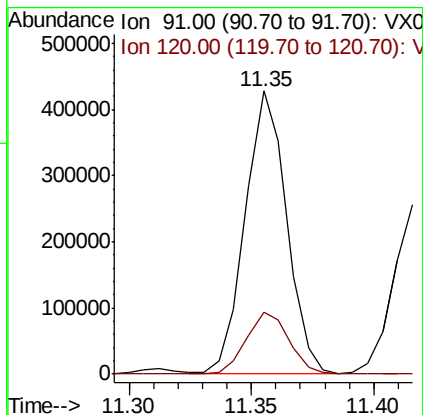
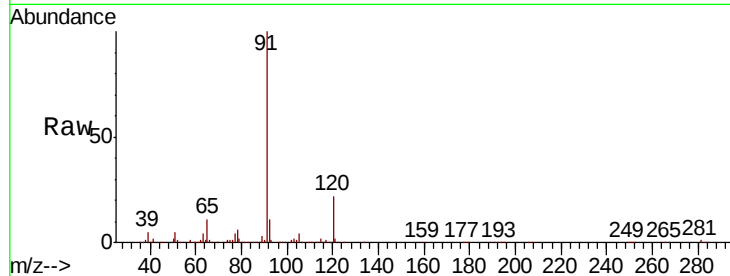
Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8

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#79

2-Chlorotoluene

Concen: 46.827 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012852.D

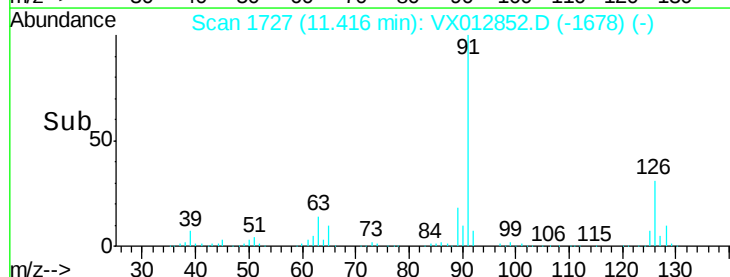
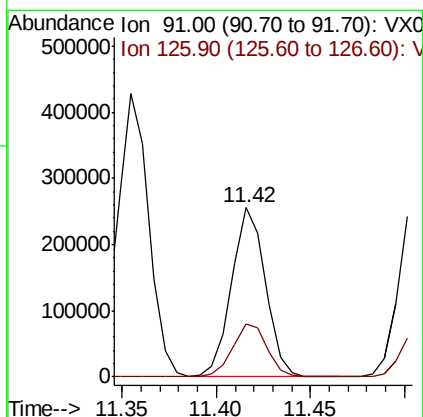
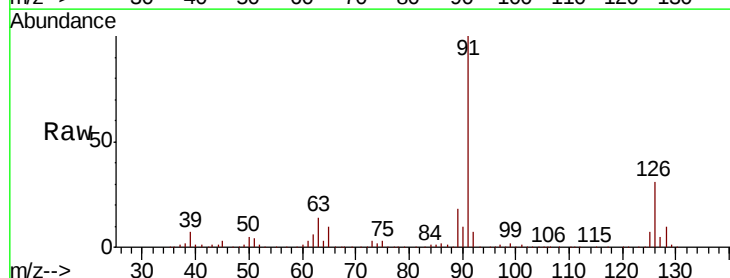
Acq: 07 Oct 2019 20:40

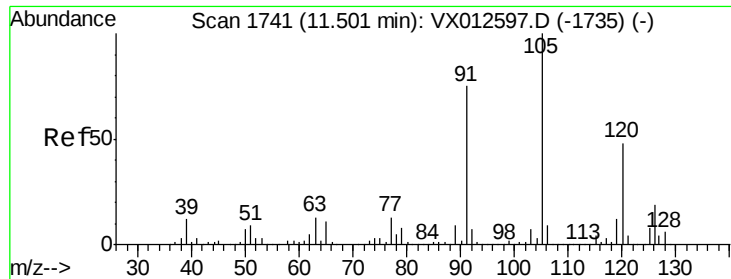
Tgt Ion: 91 Resp: 316896

Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.4





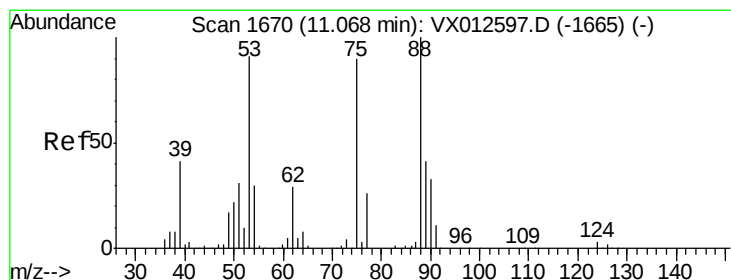
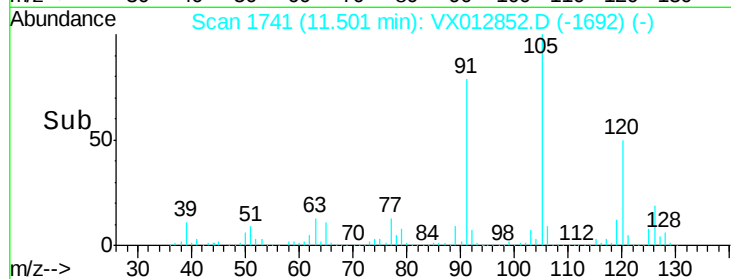
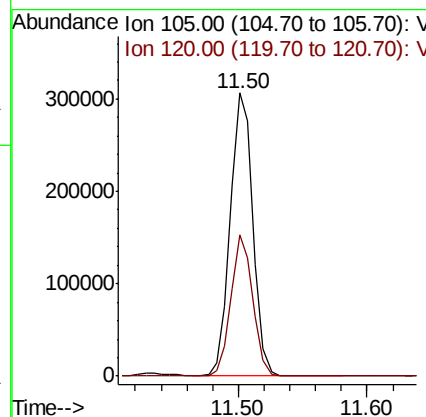
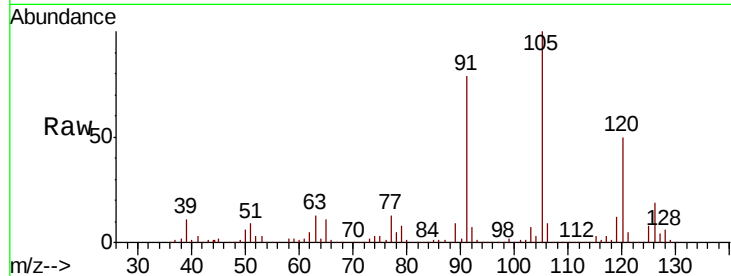
#80
 1,3,5-Trimethylbenzene
 Concen: 46.969 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	72.8

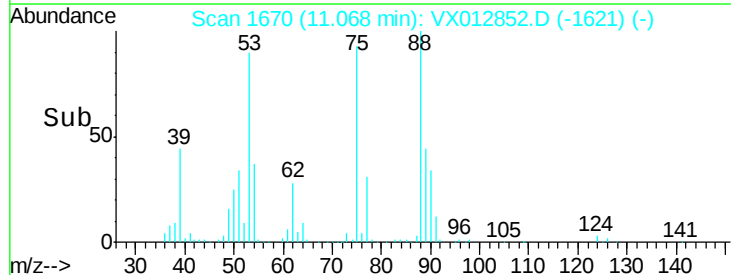
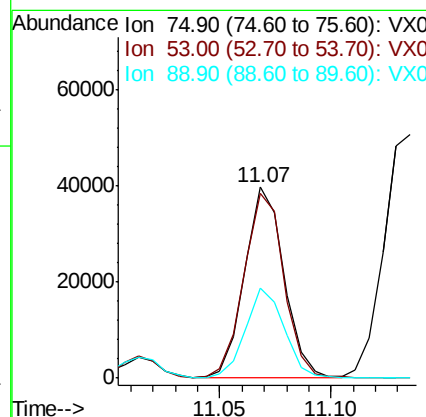
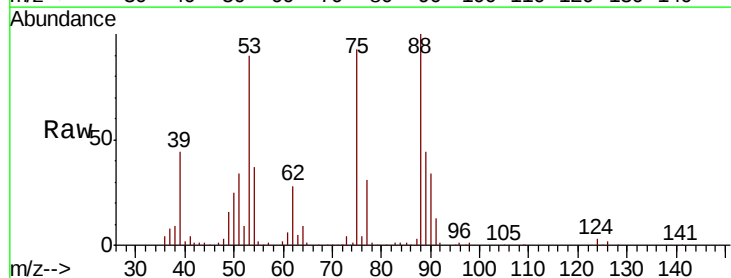
Manual Integrations
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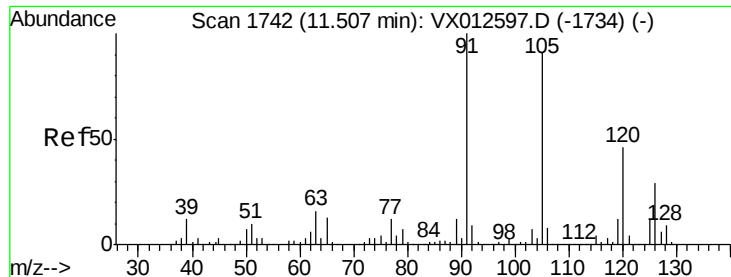
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.430 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.1	83.6	125.4
89	47.0	36.3	54.5





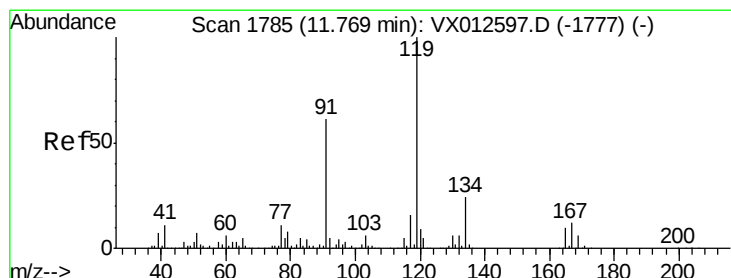
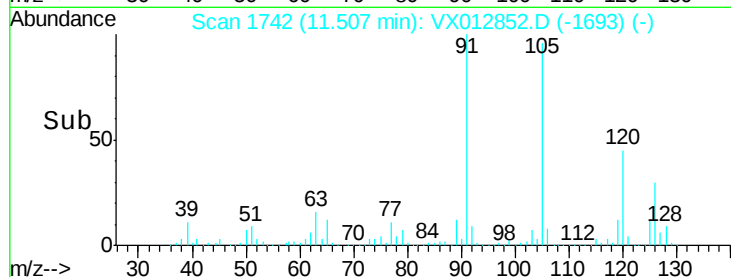
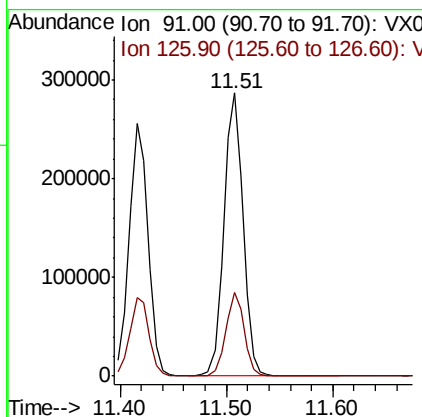
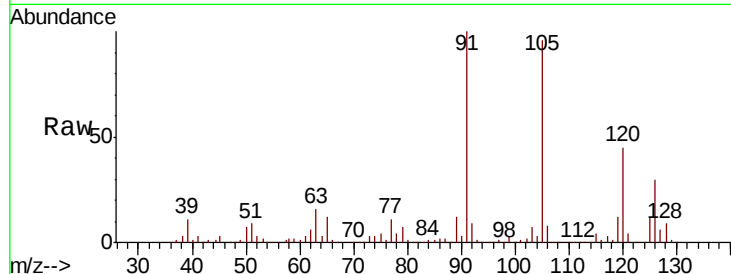
#82
4-Chlorotoluene
Concen: 46.731 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion: 91 Resp: 360511
Ion Ratio Lower Upper
91 100
126 28.2 14.4 43.0

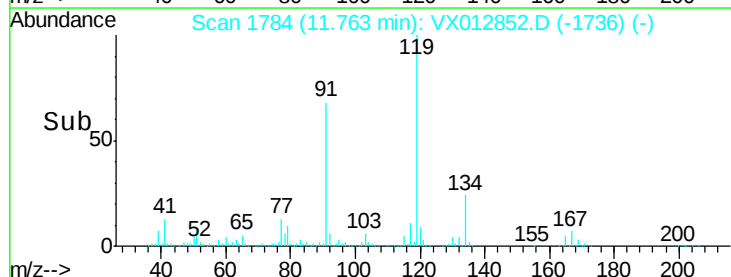
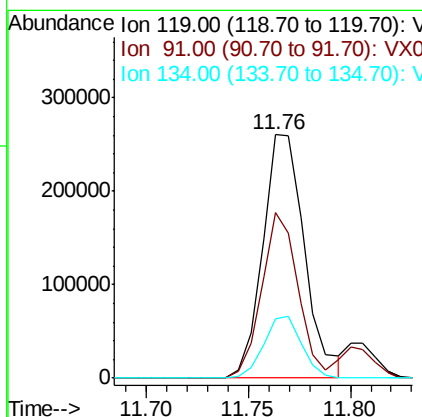
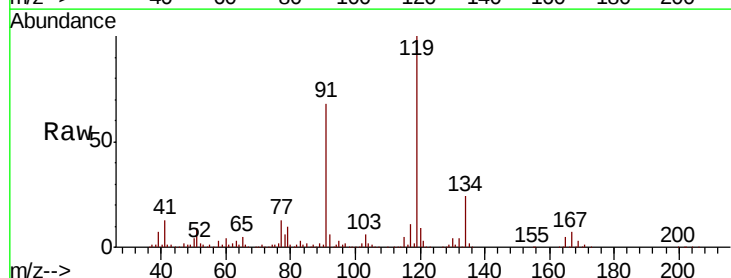
Manual Integrations
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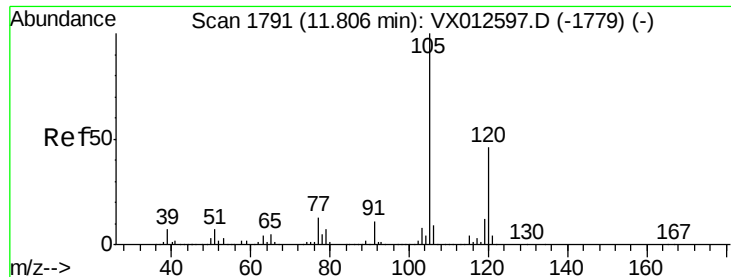
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#83
tert-Butylbenzene
Concen: 47.775 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion: 119 Resp: 372397
Ion Ratio Lower Upper
119 100
91 59.1 30.0 90.0
134 23.0 11.3 33.9





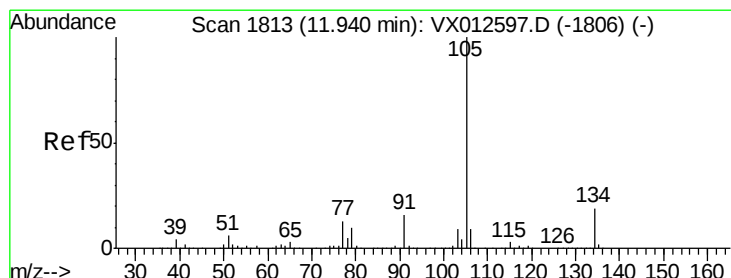
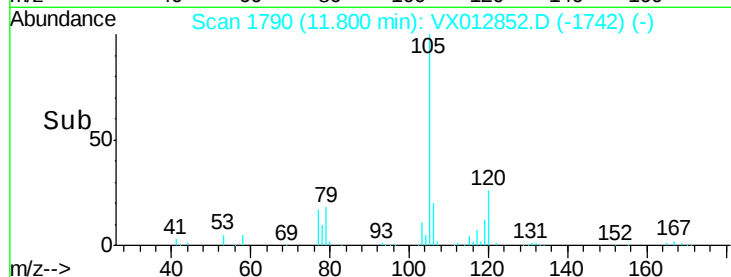
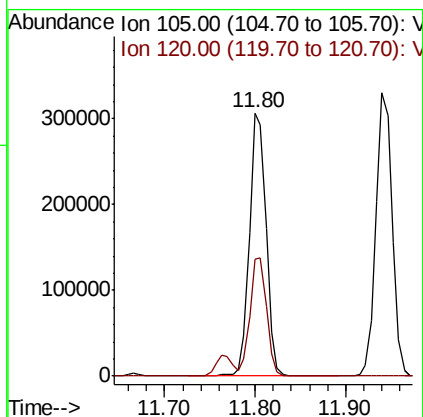
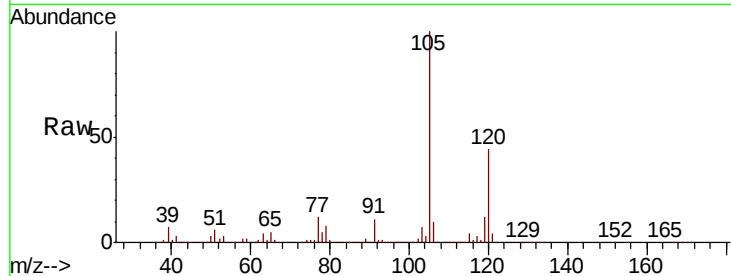
#84
1,2,4-Trimethylbenzene
Concen: 48.092 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.2	66.6

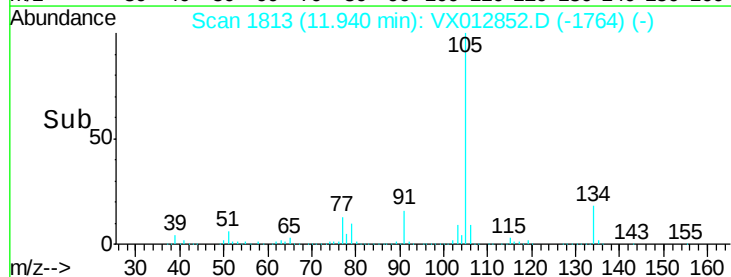
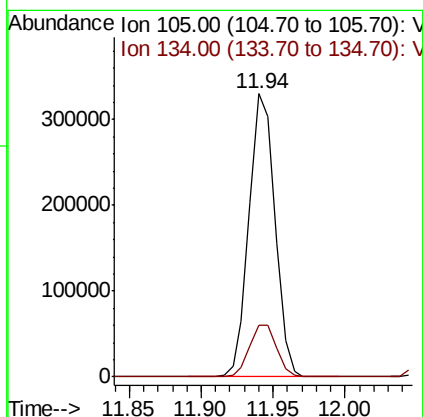
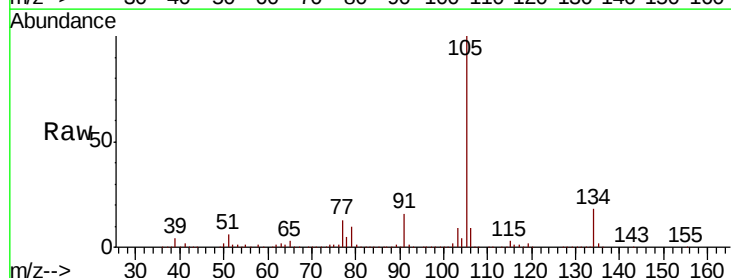
Manual Integrations
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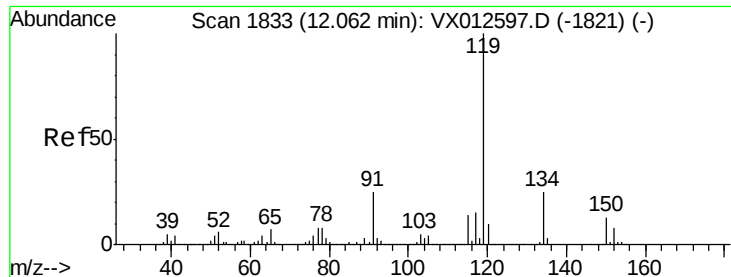
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#85
sec-Butylbenzene
Concen: 45.418 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.8	29.4





#86

p-Isopropyltoluene

Concen: 47.710 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

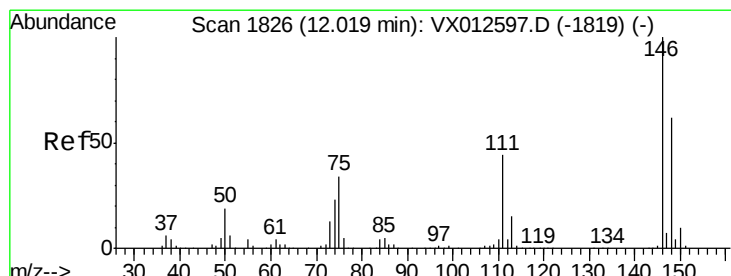
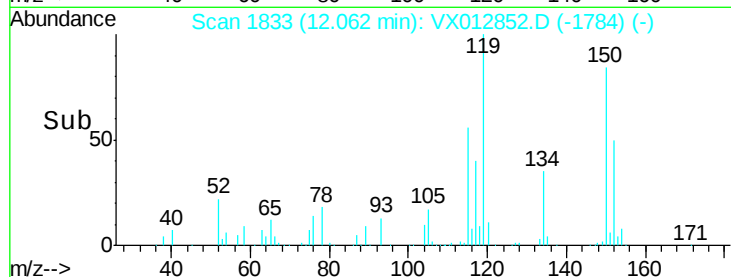
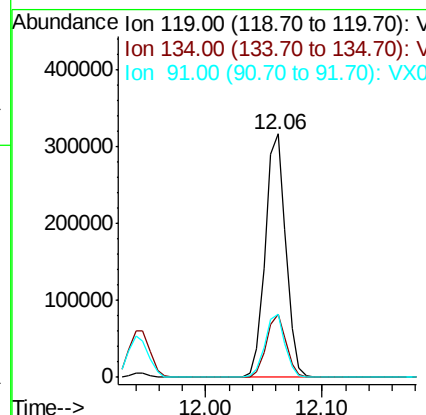
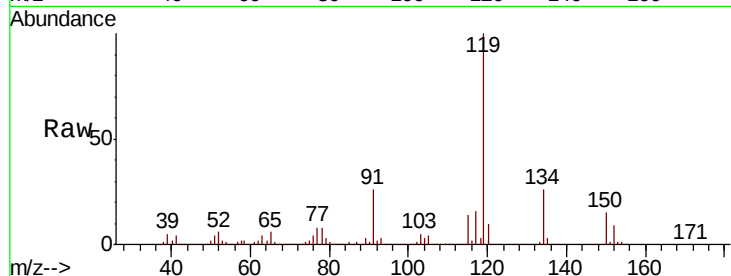
ClientSampleId :

MW-103IMS

Tot Ion:	119	Resp:	390291
Ion Ratio	Lower	Upper	
119	100		
134	25.0	12.7	38.1
91	25.2	12.8	38.4

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#87

1,3-Dichlorobenzene

Concen: 50.257 ug/l

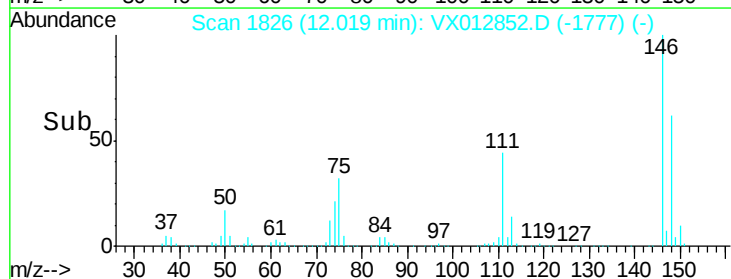
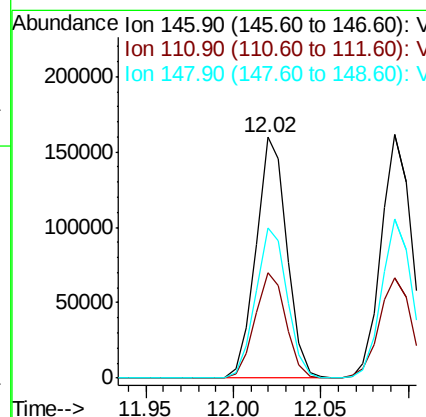
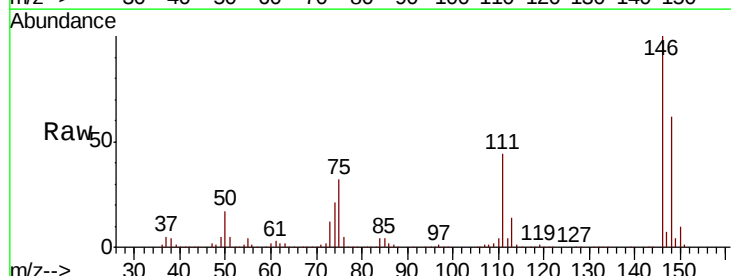
RT: 12.02 min Scan# 1826

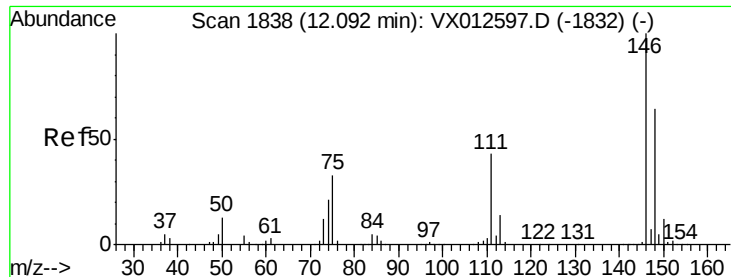
Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Tgt Ion:	146	Resp:	197246
Ion Ratio	Lower	Upper	
146	100		
111	44.0	21.3	64.0
148	63.4	32.4	97.2





#88

1,4-Dichlorobenzene

Concen: 49.294 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

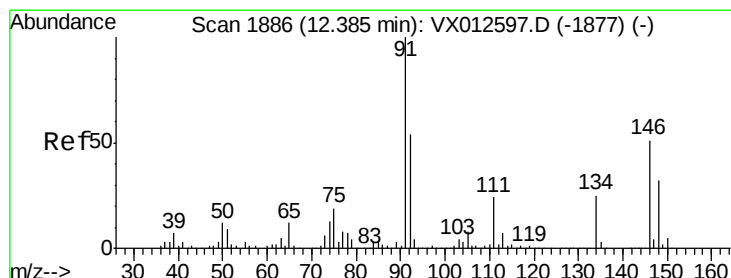
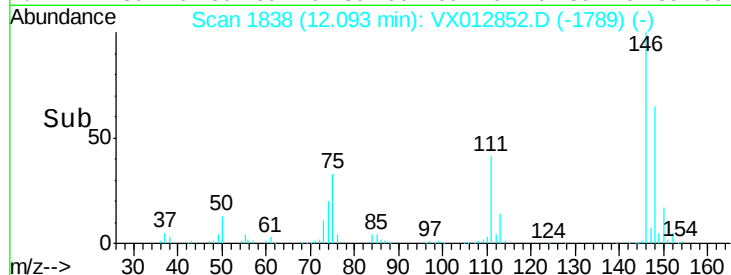
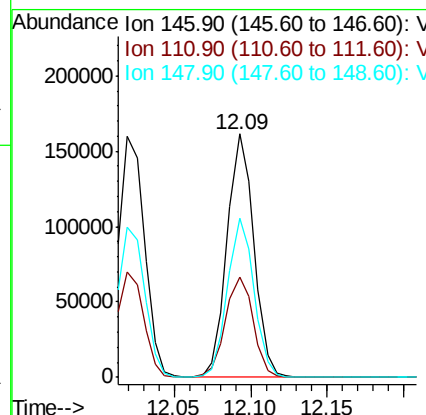
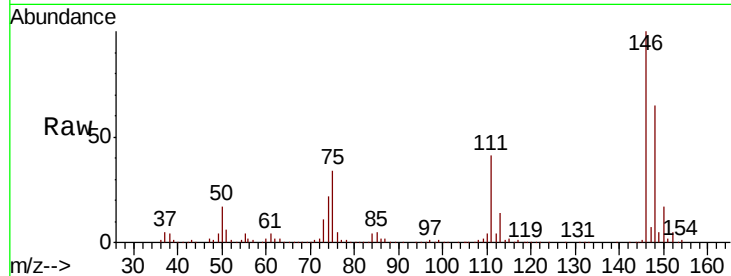
ClientSampled :

MW-103IMS

Tot Ion:	146	Resp:	195496
Ion Ratio	Lower	Upper	
146	100		
111	43.0	21.1	63.3
148	65.0	32.1	96.5

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#89

n-Butylbenzene

Concen: 45.450 ug/l

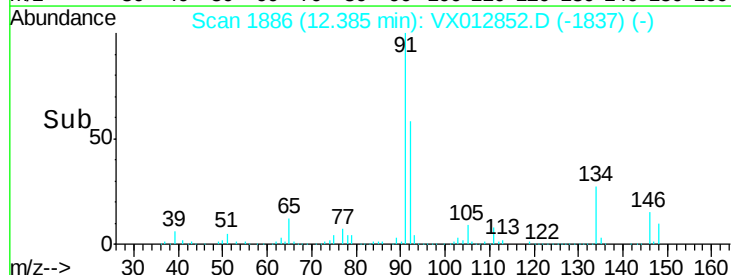
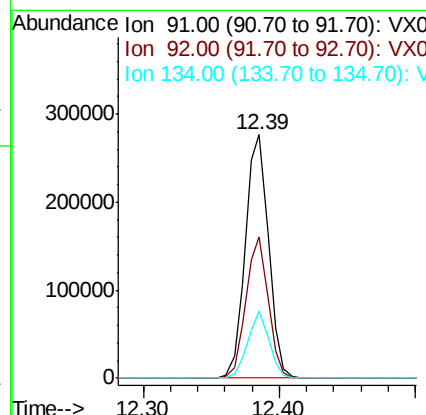
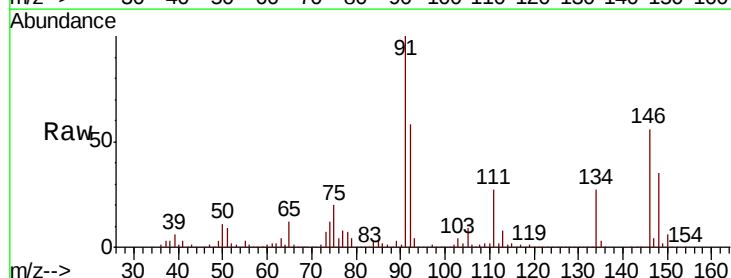
RT: 12.39 min Scan# 1886

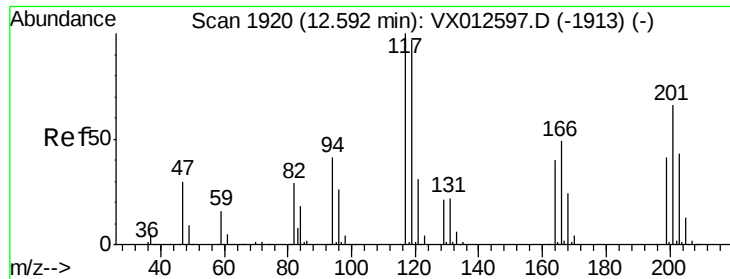
Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Tgt Ion:	91	Resp:	327636
Ion Ratio	Lower	Upper	
91	100		
92	55.7	27.7	83.0
134	25.6	12.9	38.6





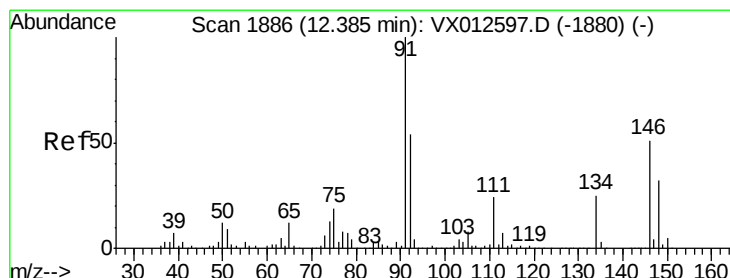
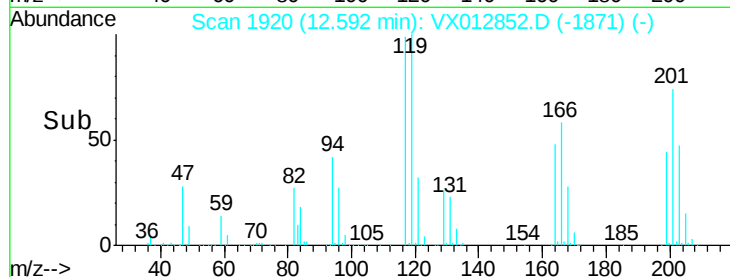
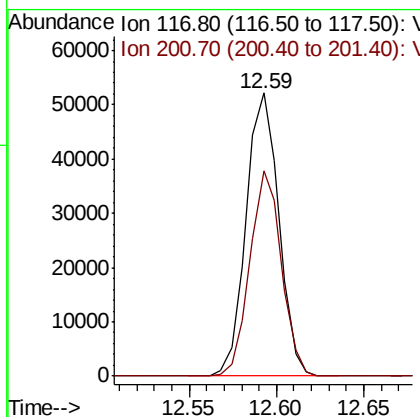
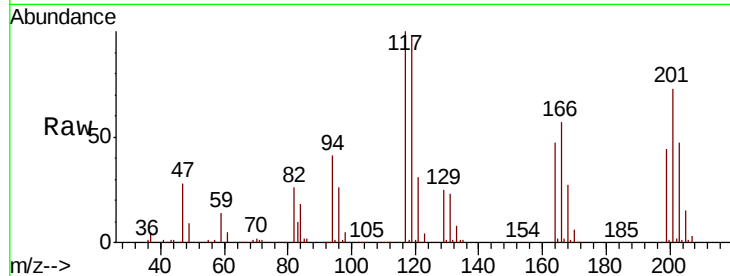
#90
Hexachloroethane
Concen: 46.443 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMS

Tot Ion:117 Resp: 67734
Ion Ratio Lower Upper
117 100
201 70.2 33.3 99.8

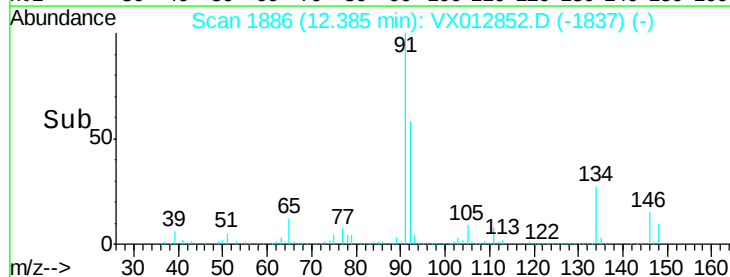
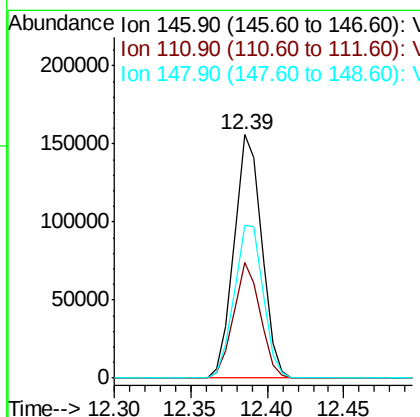
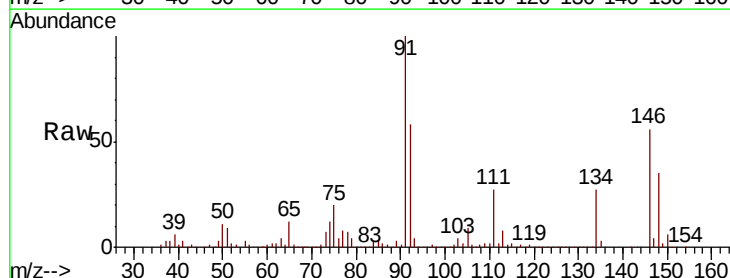
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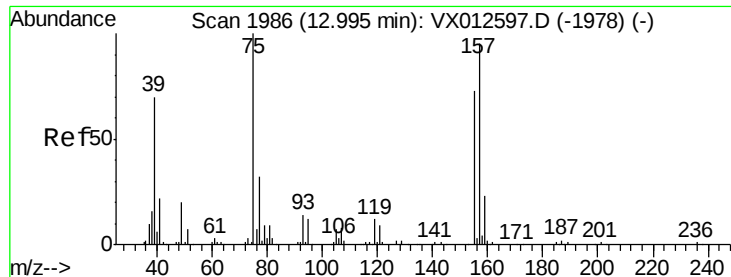
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#91
1,2-Dichlorobenzene
Concen: 49.904 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012852.D
Acq: 07 Oct 2019 20:40

Tgt Ion:146 Resp: 196085
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.1
148 65.7 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.193 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMS

Tot Ion: 75 Resp: 40069

Ion Ratio Lower Upper

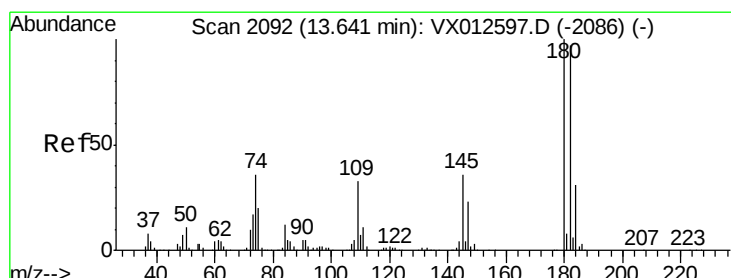
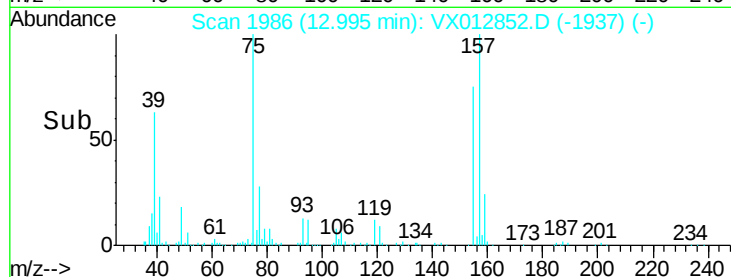
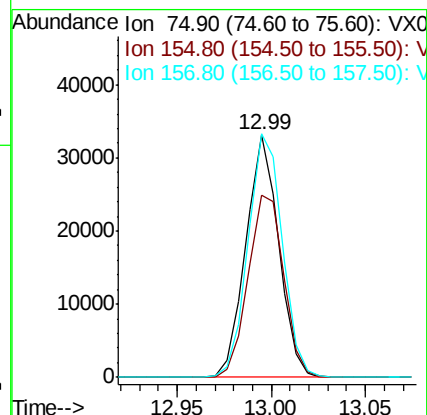
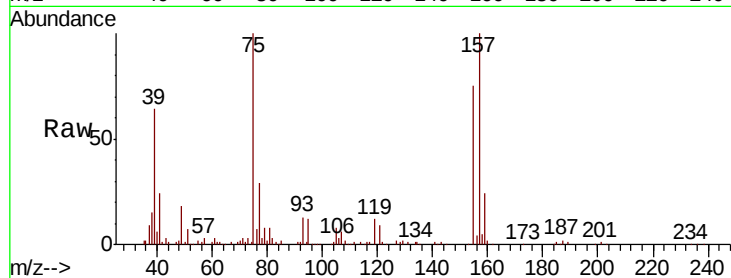
75 100

155 82.0 38.6 115.8

157 105.0 50.6 151.9

Manual Integrations
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#93

1,2,4-Trichlorobenzene

Concen: 52.370 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

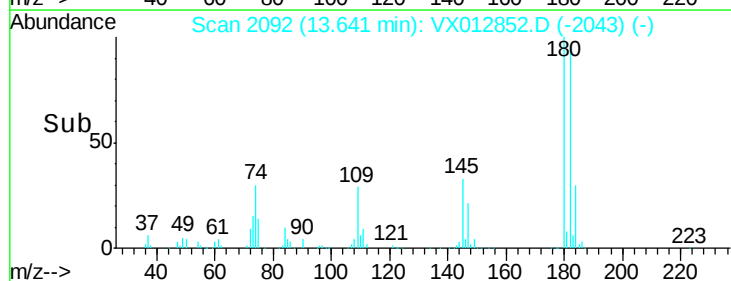
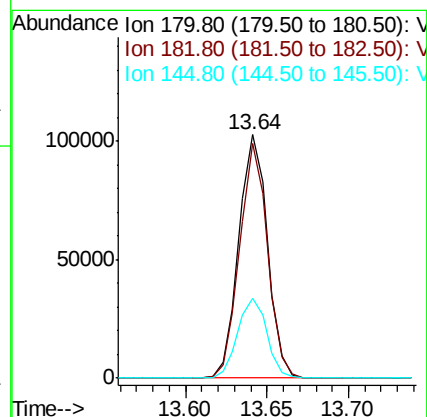
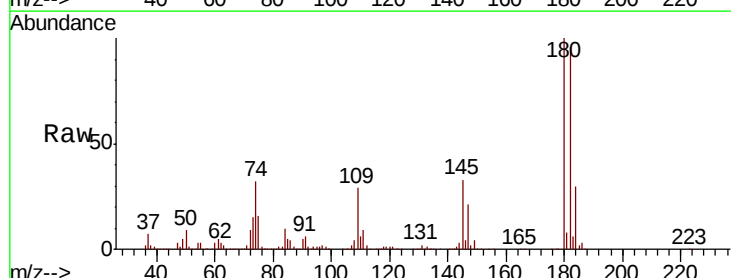
Tgt Ion: 180 Resp: 125492

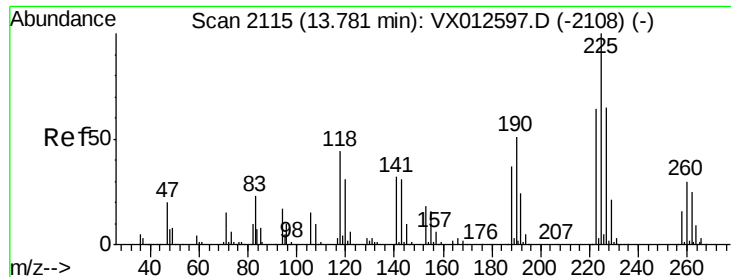
Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.0

145 33.5 16.8 50.4





#94

Hexachlorobutadiene

Concen: 48.738 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Instrument :

MSVOA_X

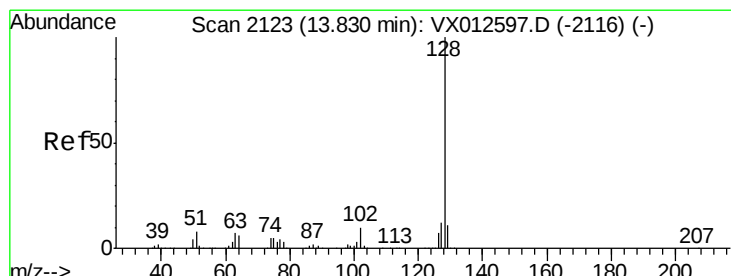
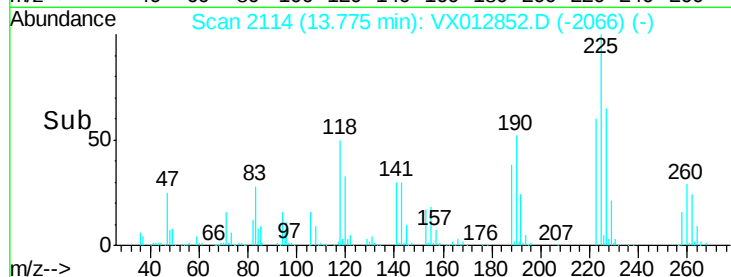
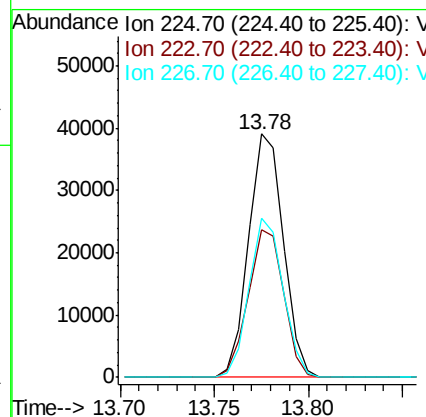
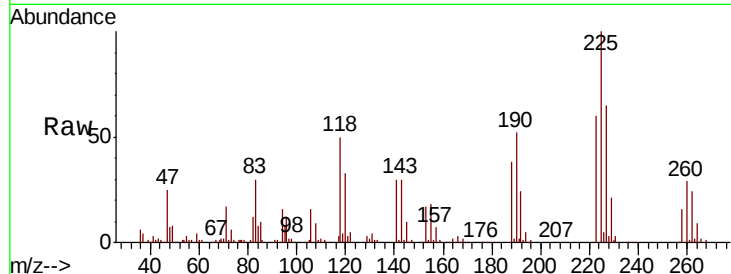
ClientSampled :

MW-103IMS

Tot Ion:	225	Resp:	50243
Ion Ratio	Lower	Upper	
225	100		
223	61.2	32.0	96.2
227	63.6	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
10/8/2019 2:06:57 PM



#95

Naphthalene

Concen: 53.309 ug/l

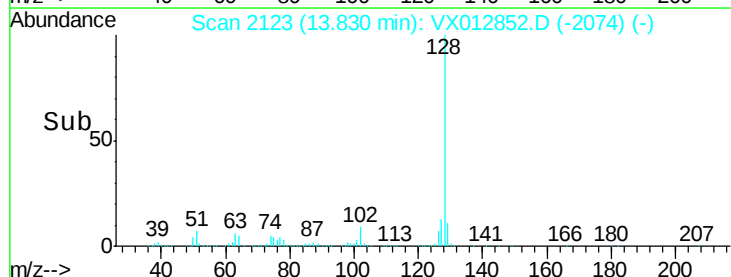
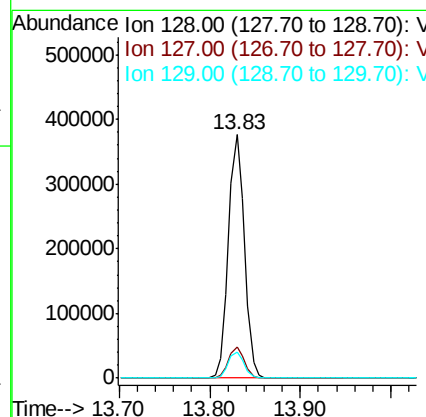
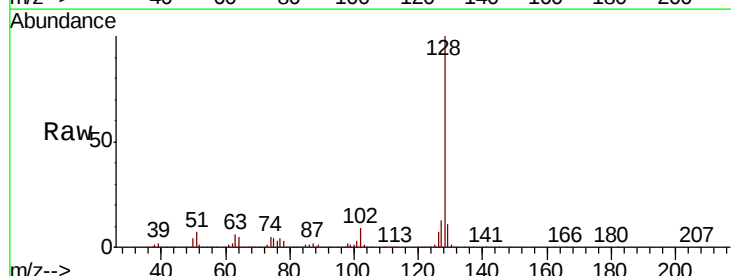
RT: 13.83 min Scan# 2123

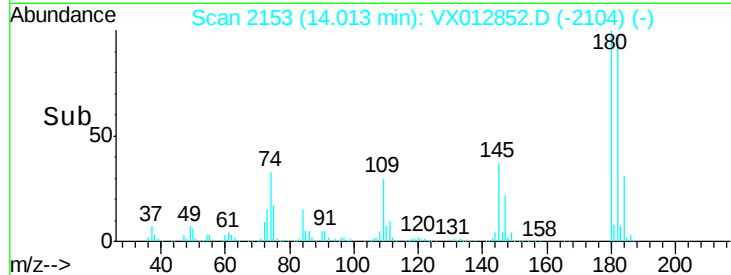
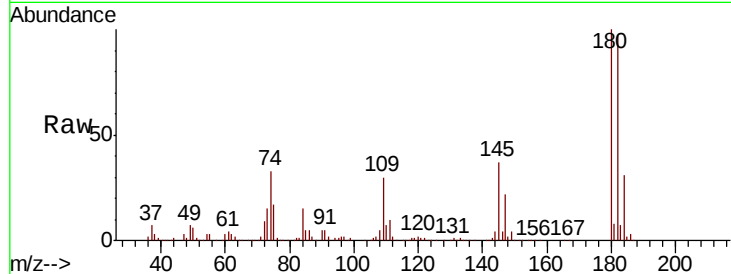
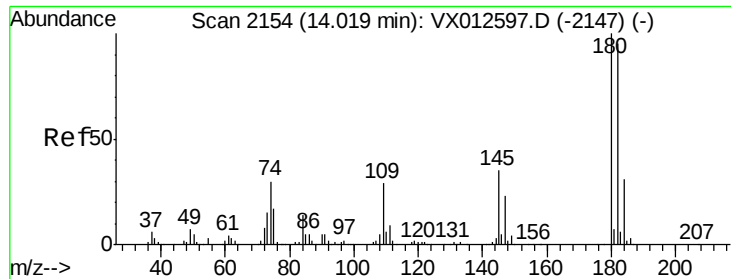
Delta R.T. 0.00 min

Lab File: VX012852.D

Acq: 07 Oct 2019 20:40

Tgt Ion:	128	Resp:	462177
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 52.018 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012852.D
 Acq: 07 Oct 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	47.1	141.3
145	36.0	18.0	54.0

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:06:57 PM

