

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041919\
 Data File : VX009079.D
 Acq On : 19 Apr 2019 18:38
 Operator : JC/SP
 Sample : K2487-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:51:54 AM

Quant Time: Apr 20 02:19:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143753	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
35) Dibromofluoromethane	5.50	113	106336	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	8.71	98	408590	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.14	95	142259	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108960	52.073	ug/l	98
3) Chloromethane	1.32	50	125523	48.864	ug/l	97
4) Vinyl Chloride	1.41	62	127252	50.896	ug/l	100
5) Bromomethane	1.64	94	68857	44.443	ug/l	98
6) Chloroethane	1.71	64	78959	53.705	ug/l	96
7) Trichlorofluoromethane	1.92	101	150232	51.464	ug/l	96
8) Diethyl Ether	2.19	74	71427	53.503	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92815	49.729	ug/l	99
10) Methyl Iodide	2.51	142	80654	40.448	ug/l	99
11) Tert butyl alcohol	3.06	59	167579	294.883	ug/l	98
12) 1,1-Dichloroethene	2.37	96	96053	49.305	ug/l	96
13) Acrolein	2.29	56	131848	268.516	ug/l	99
14) Allyl chloride	2.73	41	233171	54.860	ug/l	99
15) Acrylonitrile	3.15	53	424248	294.087	ug/l	100
16) Acetone	2.45	43	366811	276.286	ug/l	99
17) Carbon Disulfide	2.56	76	265492	46.467	ug/l	99
18) Methyl Acetate	2.78	43	180471	54.465	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	386077	55.619	ug/l	99
20) Methylene Chloride	2.85	84	115683	50.952	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	104365	50.226	ug/l	94
22) Diisopropyl ether	3.86	45	461176	55.839	ug/l	89
23) Vinyl Acetate	3.82	43	1864525	256.822	ug/l	99
24) 1,1-Dichloroethane	3.70	63	225914	54.491	ug/l	100
25) 2-Butanone	4.68	43	627061	295.483	ug/l	99
26) 2,2-Dichloropropane	4.59	77	128807	41.448	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	124697	52.855	ug/l	99
28) Bromochloromethane	5.02	49	99358	58.007	ug/l	99
29) Tetrahydrofuran	5.13	42	419490	295.332	ug/l	98
30) Chloroform	5.21	83	203580	54.874	ug/l	99
31) Cyclohexane	5.58	56	211361	51.833	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	164998	53.661	ug/l	99
36) 1,1-Dichloropropene	5.80	75	151780	47.473	ug/l	100
37) Ethyl Acetate	4.84	43	213854	51.981	ug/l	99
38) Carbon Tetrachloride	5.79	117	137441	50.707	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181828	46.710	ug/l	97
40) Benzene	6.14	78	479760	50.866	ug/l	100
41) Methacrylonitrile	5.05	41	133662	56.608	ug/l	99
42) 1,2-Dichloroethane	6.20	62	173333	51.878	ug/l	99
43) Isopropyl Acetate	6.45	43	343182	51.763	ug/l	99
44) Trichloroethene	7.21	130	110190	47.681	ug/l	99
45) 1,2-Dichloropropane	7.51	63	139639	53.365	ug/l	99
46) Dibromomethane	7.66	93	78011	51.228	ug/l	99
47) Bromodichloromethane	7.90	83	157214	52.636	ug/l	99
48) Methyl methacrylate	7.77	41	180502	55.101	ug/l	99
49) 1,4-Dioxane	7.74	88	61399	1001.390	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1193696	282.619	ug/l	99
52) Toluene	8.79	92	277791	49.143	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	174266	50.697	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	194906	50.639	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116618	52.054	ug/l	98
56) Ethyl methacrylate	9.18	69	214123	53.303	ug/l	99
57) 1,3-Dichloropropane	9.37	76	208721	52.325	ug/l	100
59) 2-Hexanone	9.49	43	923031	283.454	ug/l	99
60) Dibromochloromethane	9.59	129	114935	53.529	ug/l	99
61) 1,2-Dibromoethane	9.67	107	120365	52.056	ug/l	100
64) Tetrachloroethene	9.34	164	94465	46.232	ug/l	97
65) Chlorobenzene	10.14	112	281131	49.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	105941	52.971	ug/l	99
67) Ethyl Benzene	10.25	91	525364	50.622	ug/l	99
68) m/p-Xylenes	10.36	106	378778	100.428	ug/l	99
69) o-Xylene	10.70	106	186712	50.877	ug/l	99
70) Stvrene	10.71	104	319104	50.177	ug/l	99
71) Bromoform	10.86	173	84068	52.762	ug/l #	97
73) Isopropylbenzene	11.02	105	492792	52.902	ug/l	100
74) N-amyl acetate	10.90	43	279063	52.175	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191691	56.321	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	185750m	61.900	ug/l	
77) Bromobenzene	11.26	156	119028	50.644	ug/l	97
78) n-propylbenzene	11.36	91	562108	52.574	ug/l	100
79) 2-Chlorotoluene	11.42	91	333525	51.767	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	413541	52.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60131	51.444	ug/l	96
82) 4-Chlorotoluene	11.51	91	381846	51.031	ug/l	100
83) tert-Butylbenzene	11.77	119	408653	54.452	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	418476	52.593	ug/l	100
85) sec-Butylbenzene	11.94	105	467614	52.243	ug/l	100
86) p-Isopropyltoluene	12.07	119	424845	51.626	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204539	49.723	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	203233	48.738	ug/l	100
89) n-Butylbenzene	12.39	91	377583	49.267	ug/l	100
90) Hexachloroethane	12.60	117	72200	53.188	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	210151	51.736	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45247	58.388	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	139760	47.664	ug/l	98

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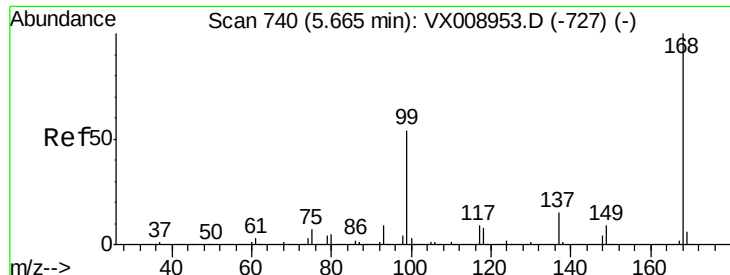
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	67801	46.362	ug/l	99
95) Naphthalene	13.83	128	488948	52.048	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	143973	49.764	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

Tot Ion:168 Resp: 181665

Ion Ratio Lower Upper

168 100

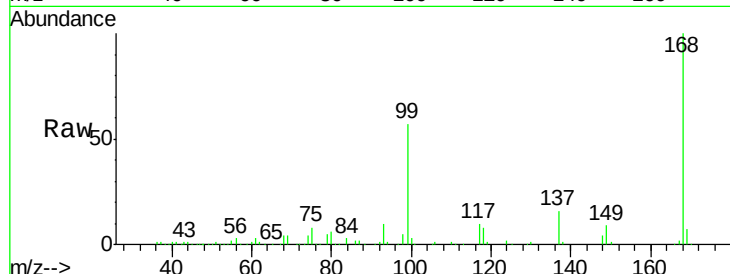
99 56.5 43.0 64.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

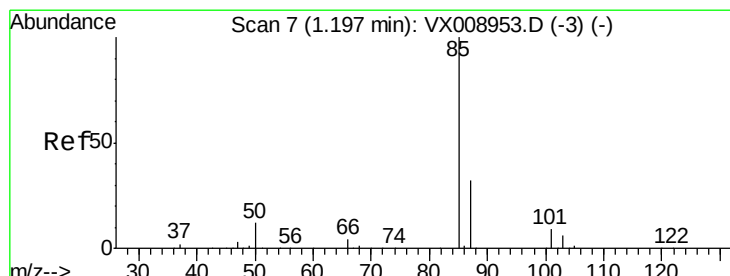
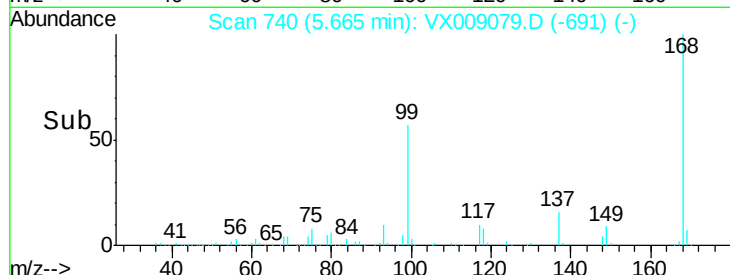
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.073 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009079.D

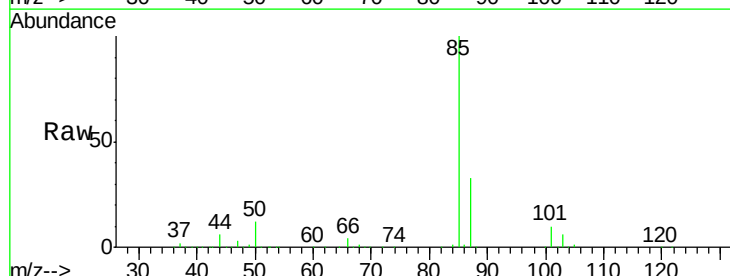
Acq: 19 Apr 2019 18:38

Tgt Ion: 85 Resp: 108960

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

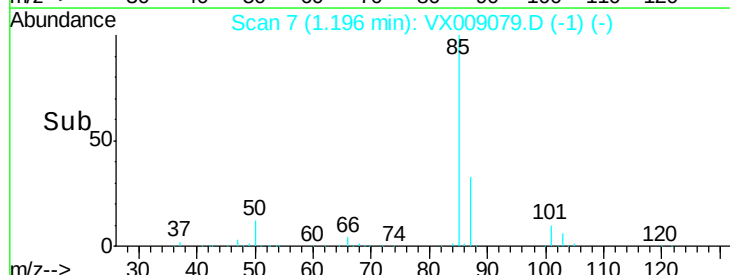
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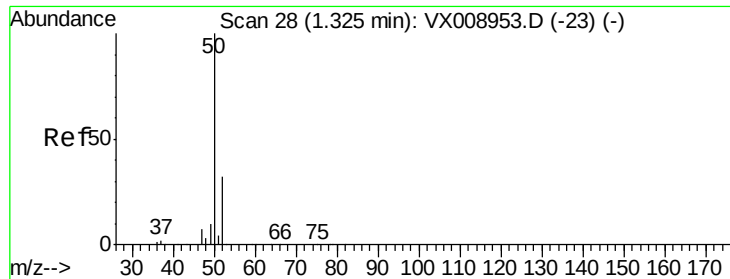
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.864 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

Tot Ion: 50 Resp: 125523

Ion Ratio Lower Upper

50 100

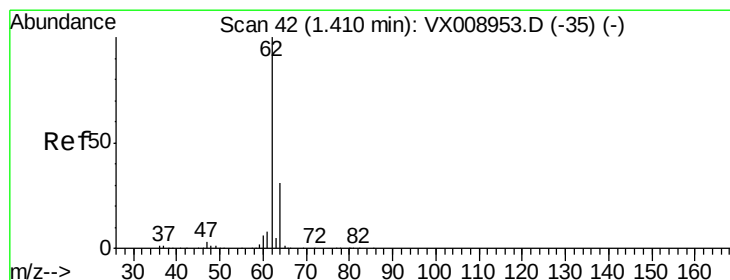
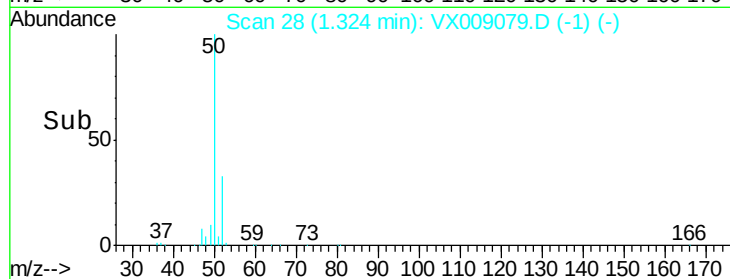
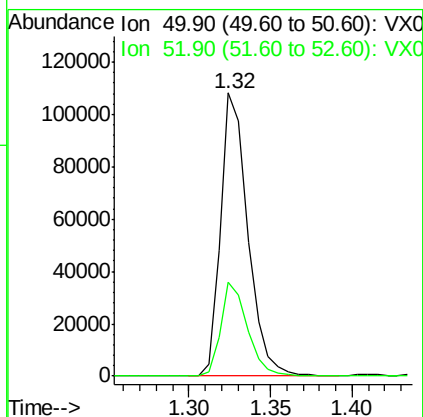
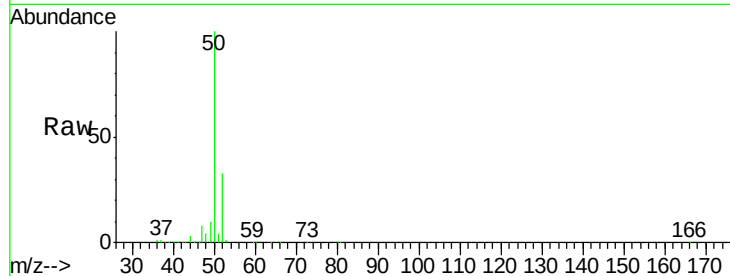
52 33.3 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.896 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009079.D

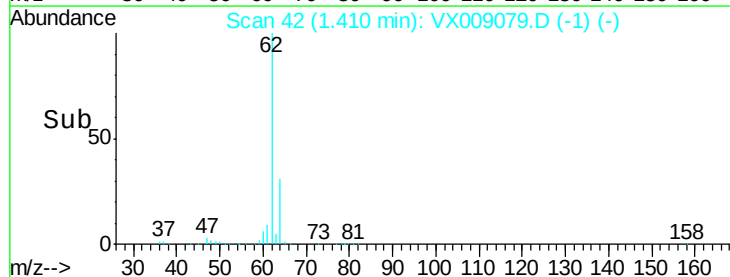
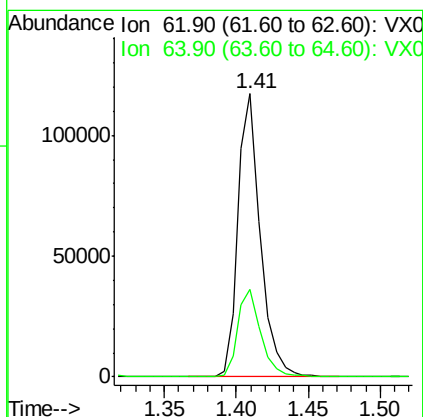
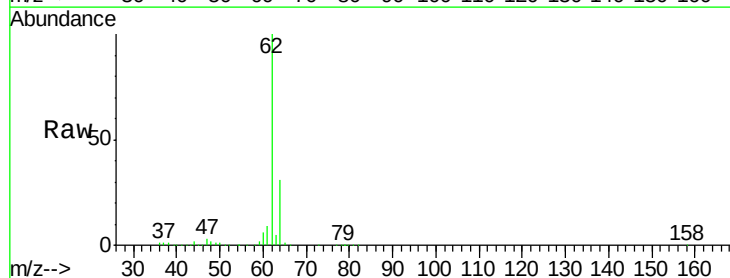
Acq: 19 Apr 2019 18:38

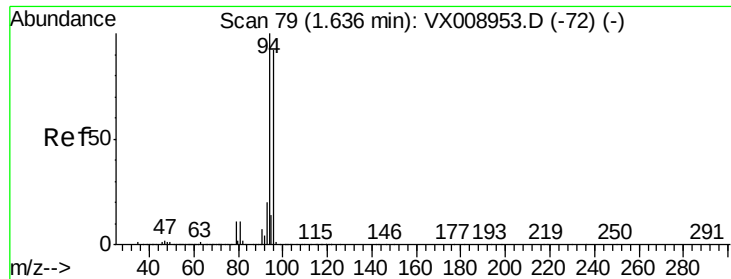
Tgt Ion: 62 Resp: 127252

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4





#5

Bromomethane

Concen: 44.443 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

Tot Ion: 94 Resp: 68857

Ion Ratio Lower Upper

94 100

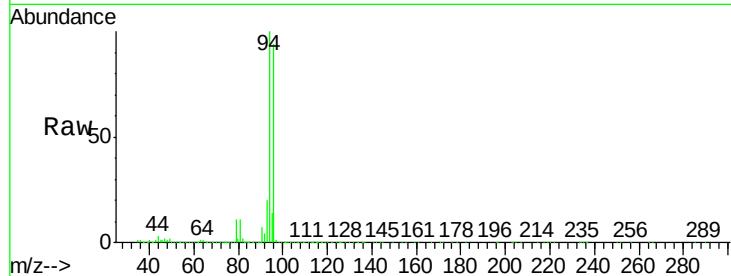
96 94.2 73.9 110.9

Manual Integrations

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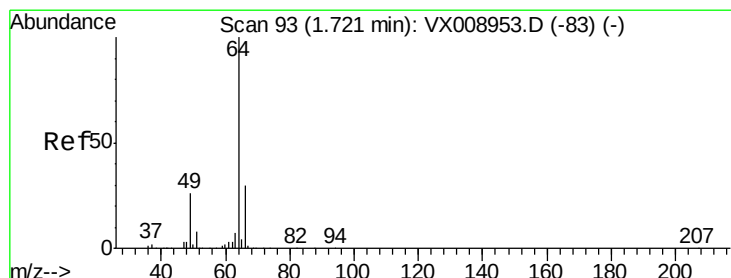
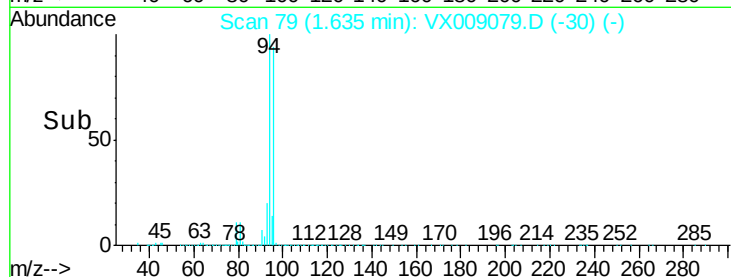
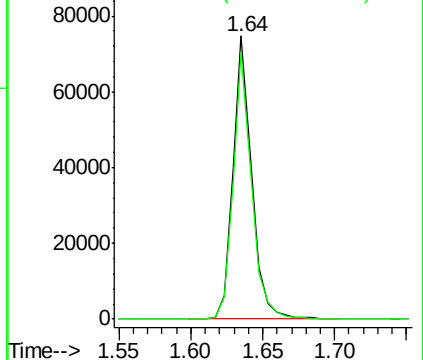
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.705 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009079.D

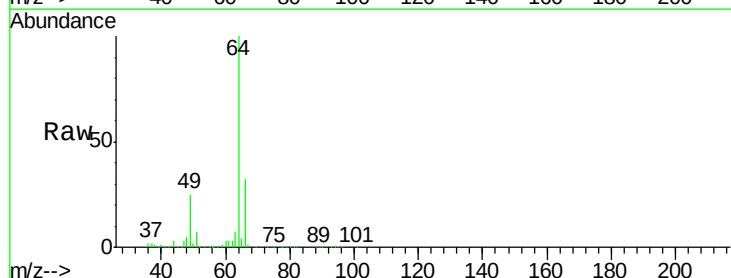
Acq: 19 Apr 2019 18:38

Tgt Ion: 64 Resp: 78959

Ion Ratio Lower Upper

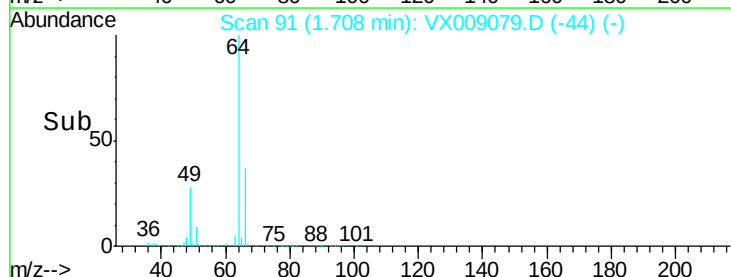
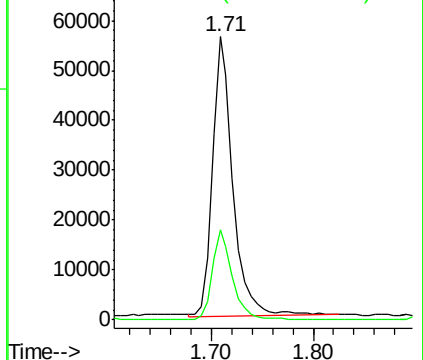
64 100

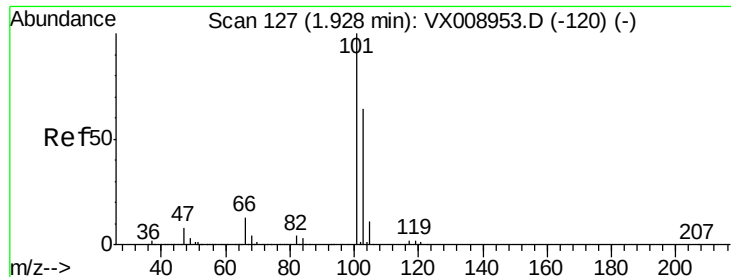
66 32.1 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

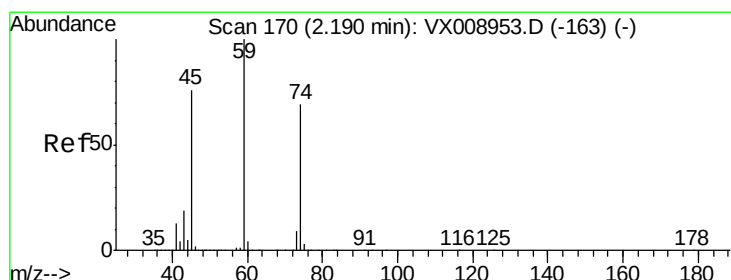
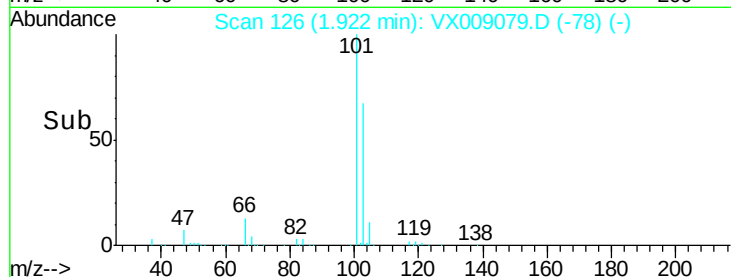
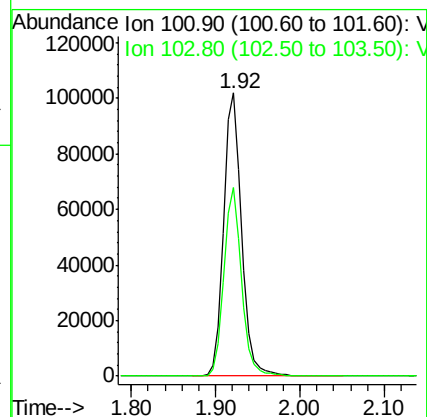
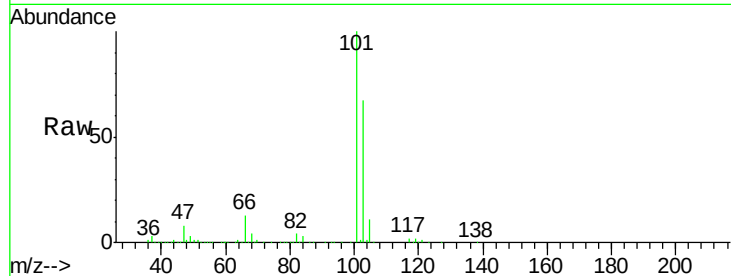
Trichlorofluoromethane
 Concen: 51.464 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

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 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.0	76.6

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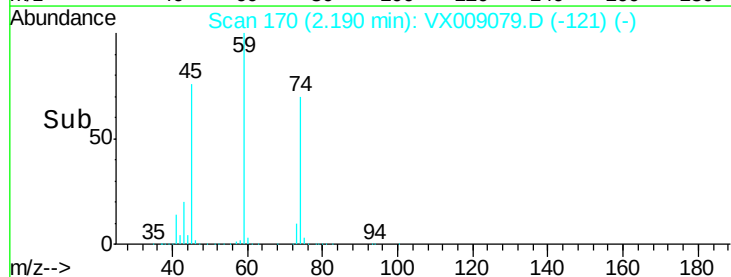
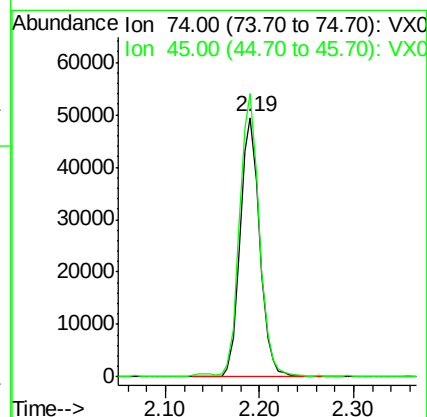
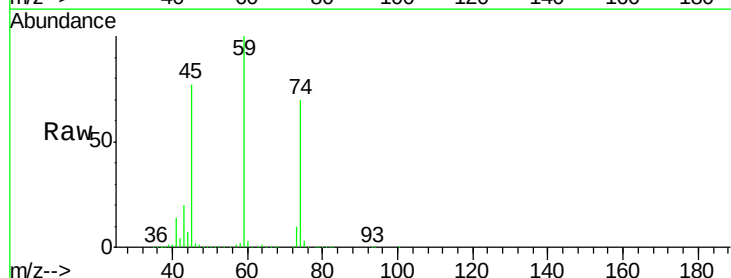
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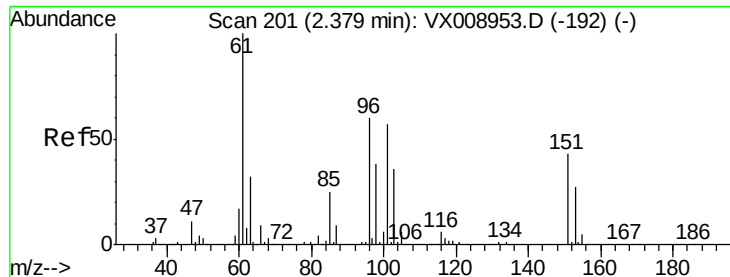


#8

Diethyl Ether
 Concen: 53.503 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.9	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.729 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

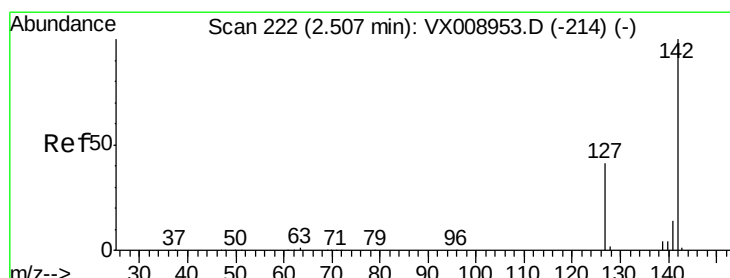
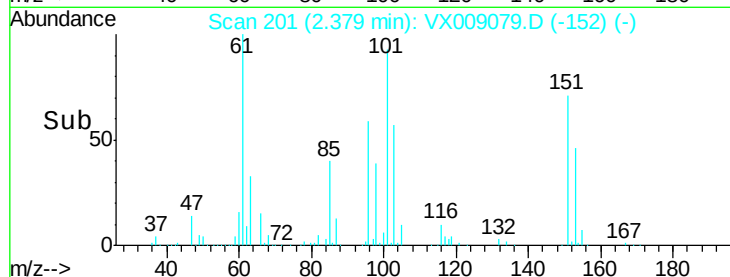
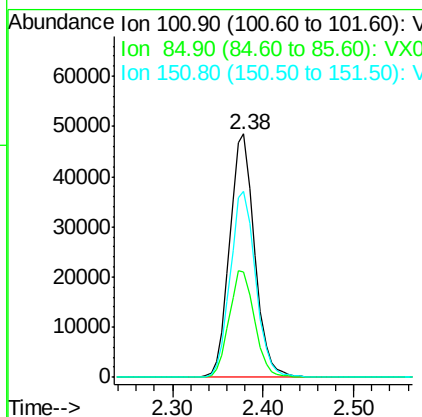
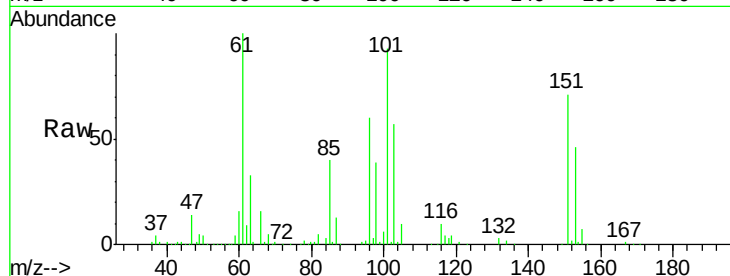
ClientSampleId :

GMW-7MSD

Tot Ion:	101	Resp:	92815
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.7	53.5
151	77.9	62.7	94.1

Manual Integrations
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#10

Methyl Iodide

Concen: 40.448 ug/l

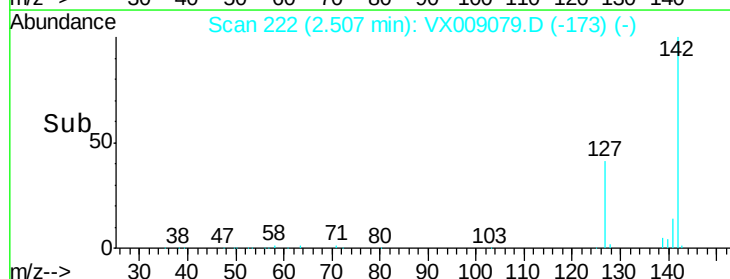
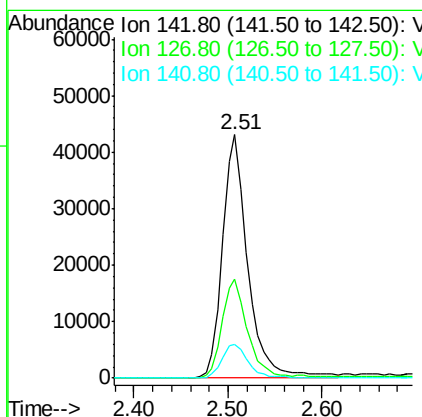
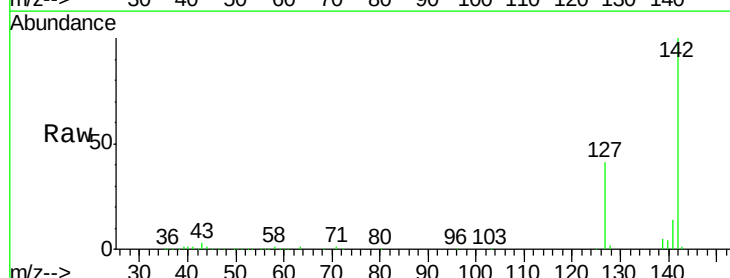
RT: 2.51 min Scan# 222

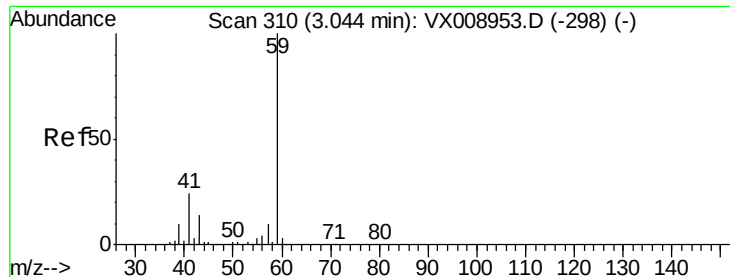
Delta R.T. 0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion:	142	Resp:	80654
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.8	49.2
141	14.7	11.4	17.2





#11

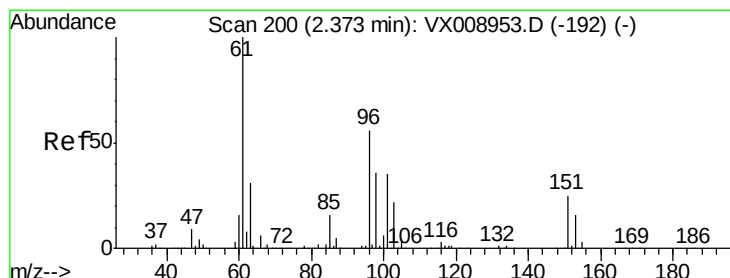
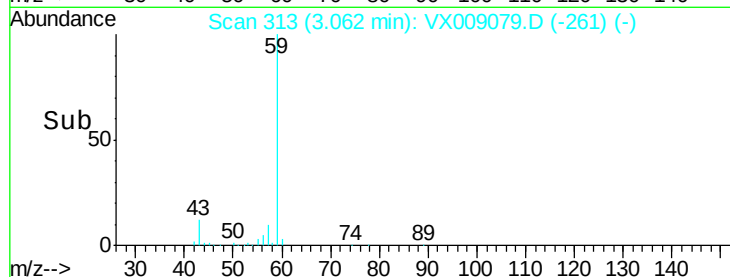
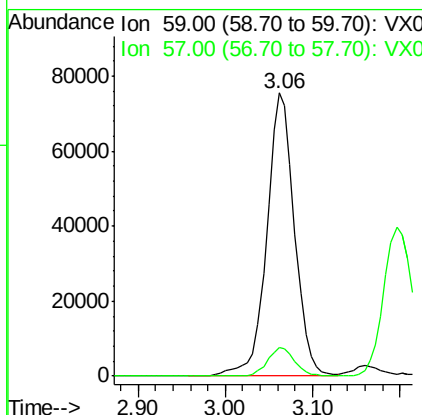
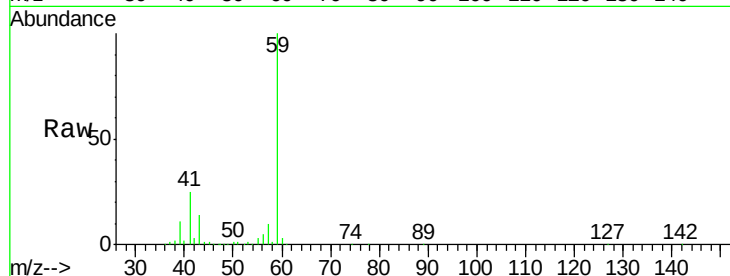
Tert butyl alcohol
Concen: 294.883 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.02 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.4	12.6

Manual Integrations
APPROVED

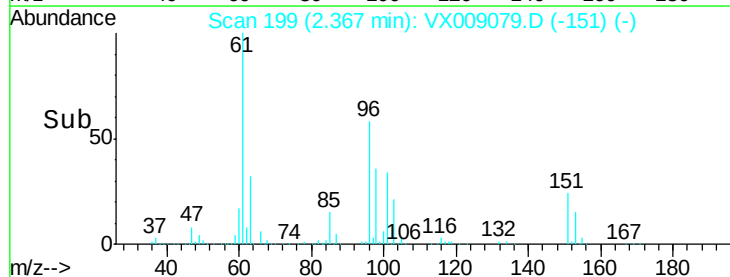
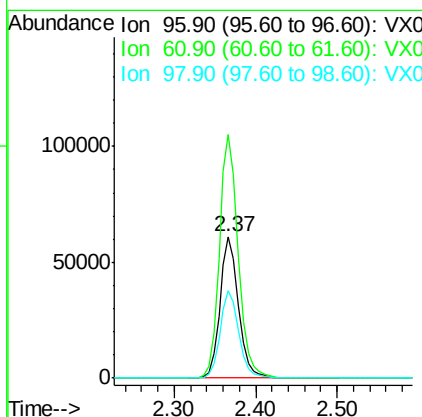
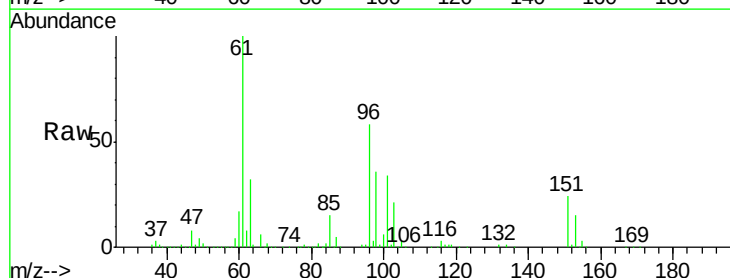
MMDadoda
4/22/2019 10:51:54 AM

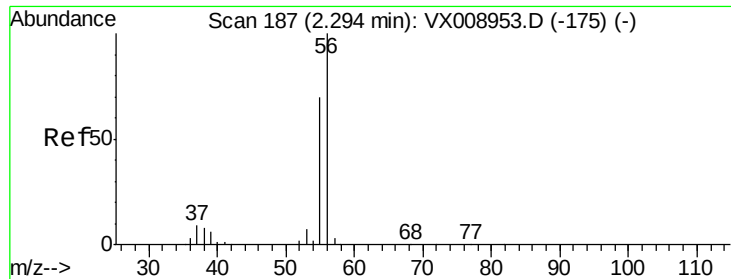


#12

1,1-Dichloroethene
Concen: 49.305 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.6	142.2	213.2
98	61.8	50.9	76.3





#13

Acrolein

Concen: 268.516 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

Tot Ion: 56 Resp: 131848

Ion Ratio Lower Upper

56 100

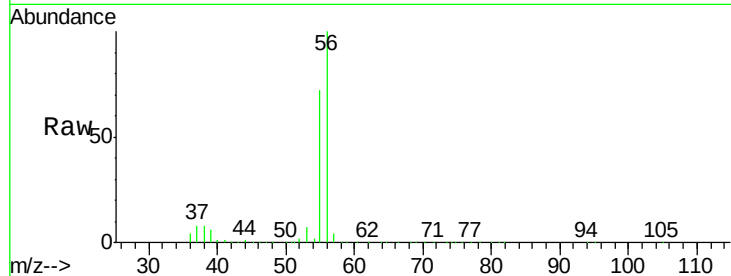
55 71.2 56.6 84.8

Manual Integrations

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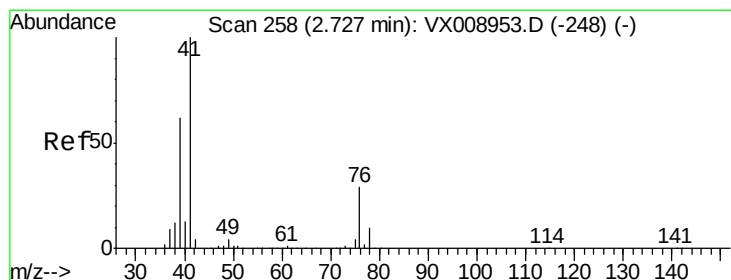
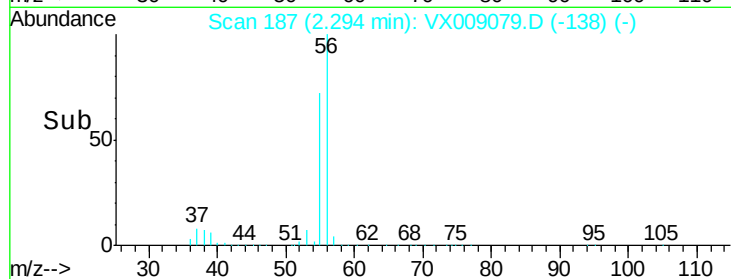
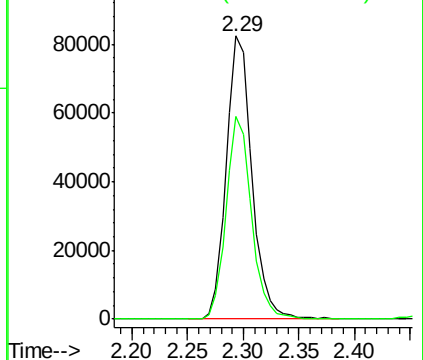
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 54.860 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

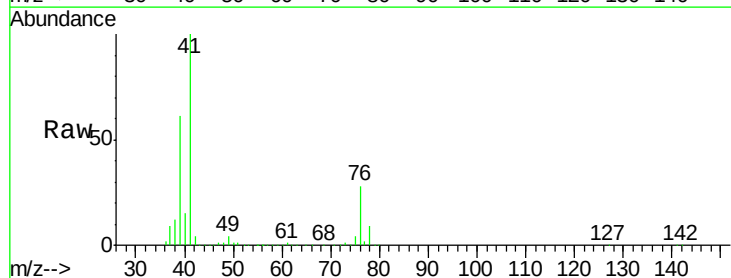
Tgt Ion: 41 Resp: 233171

Ion Ratio Lower Upper

41 100

39 58.7 46.7 70.1

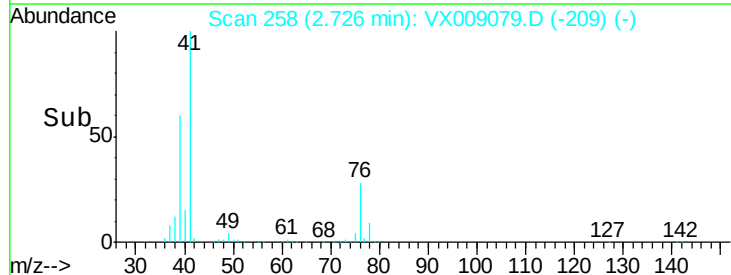
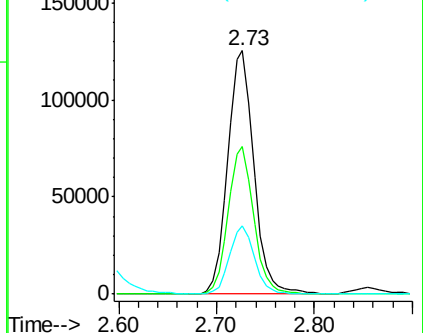
76 26.9 22.0 33.0

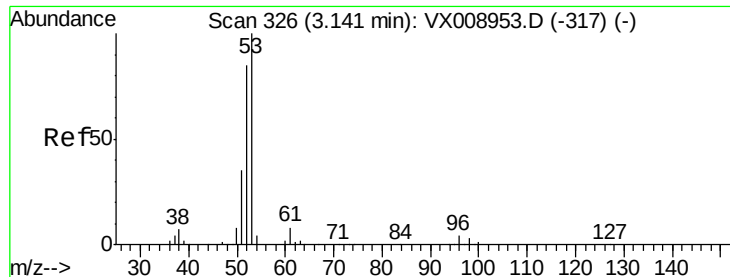


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 294.087 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

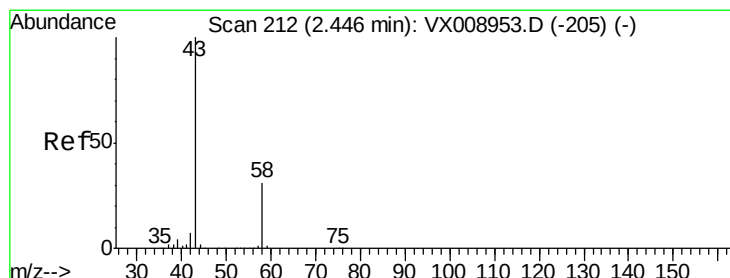
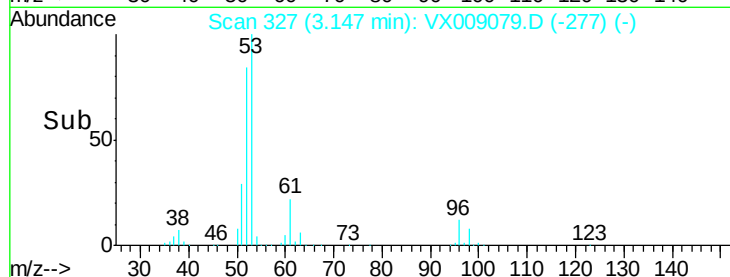
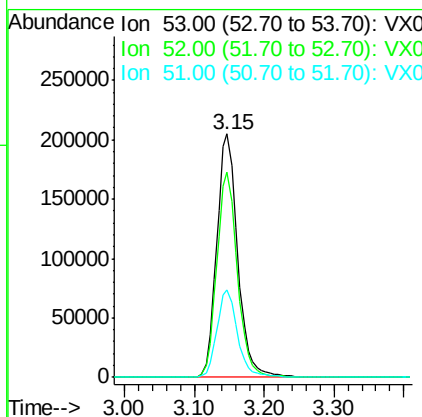
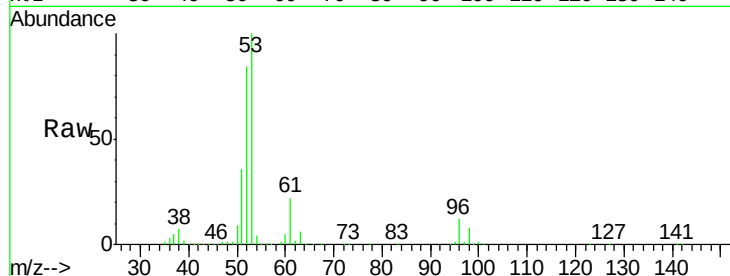
ClientSampleId :

GMW-7MSD

Tot Ion:	53	Resp:	424248
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	100.0
51	35.5	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 276.286 ug/l

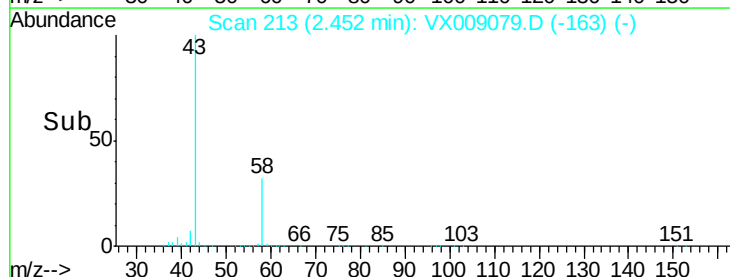
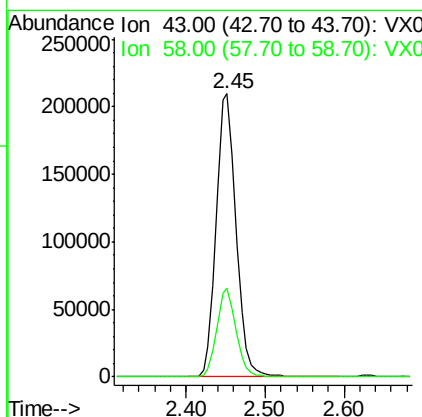
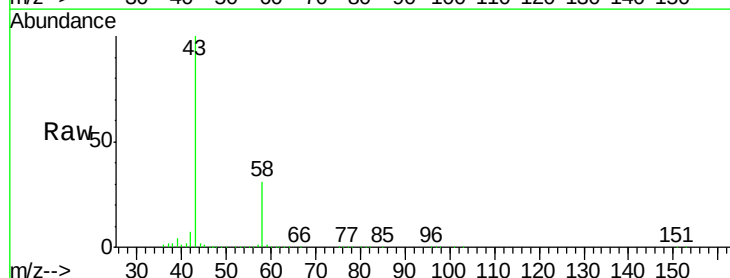
RT: 2.45 min Scan# 213

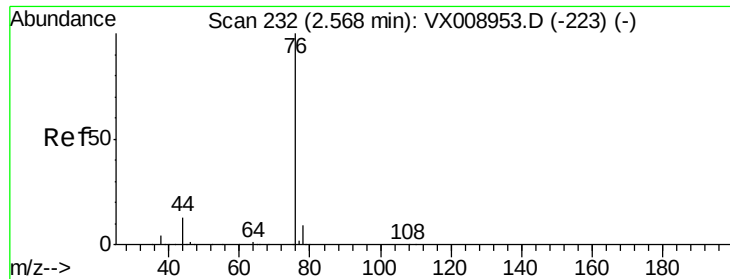
Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion:	43	Resp:	366811
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.8	37.2





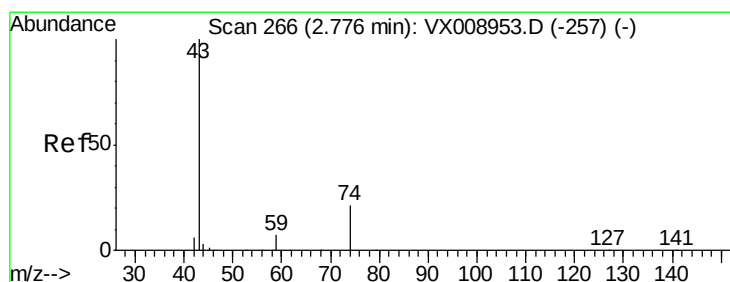
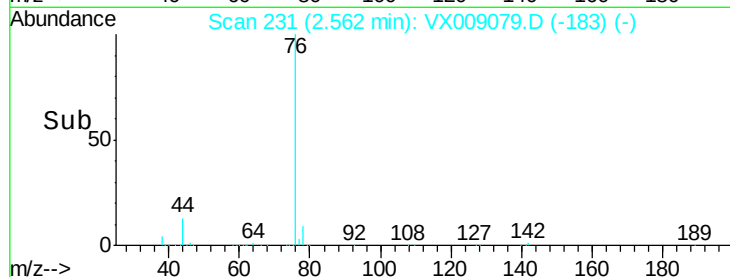
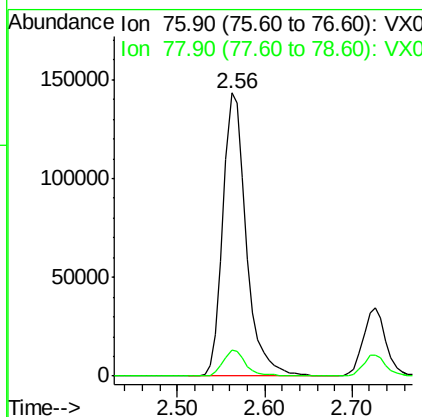
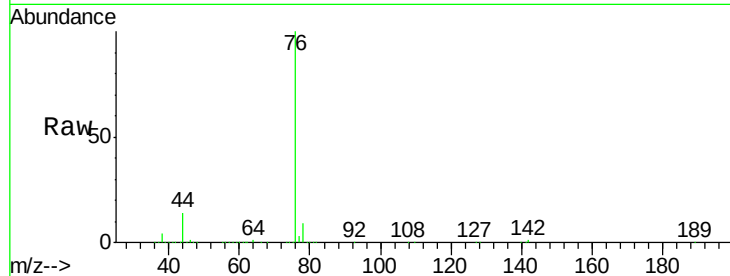
#17
Carbon Disulfide
Concen: 46.467 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
76	100	265492		
78	9.4		7.2	10.8

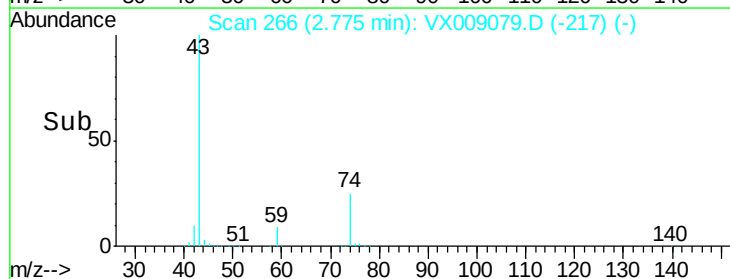
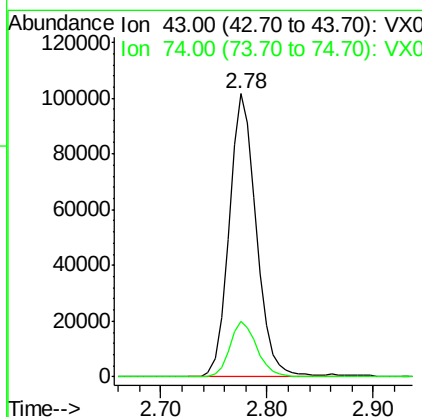
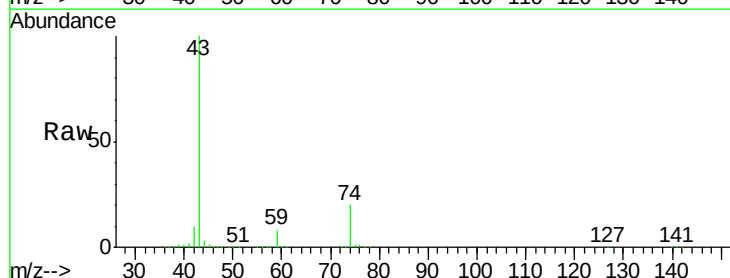
Manual Integrations
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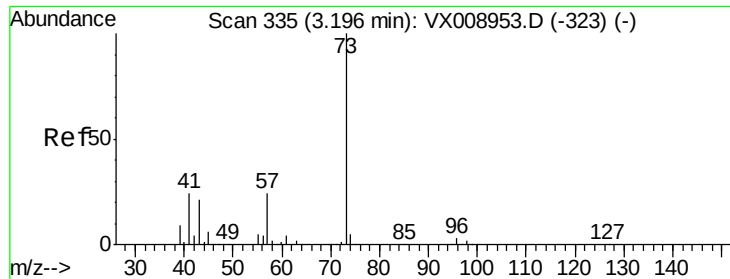
MMDadoda
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#18
Methyl Acetate
Concen: 54.465 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	180471		
74	19.9		16.6	25.0





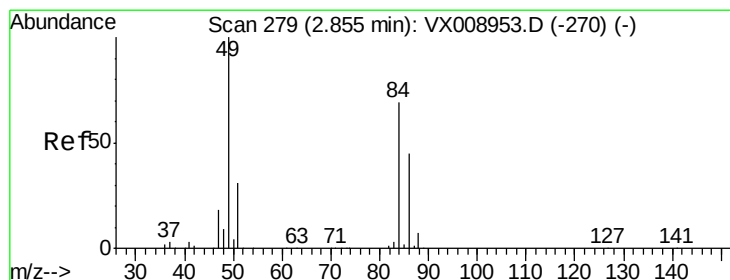
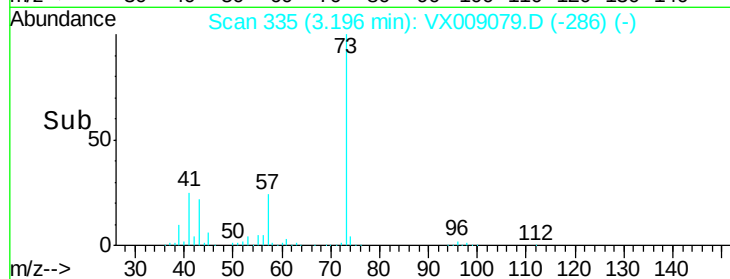
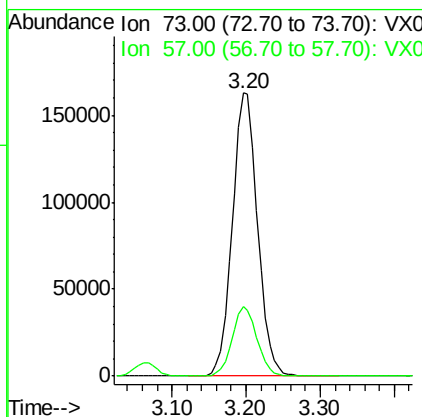
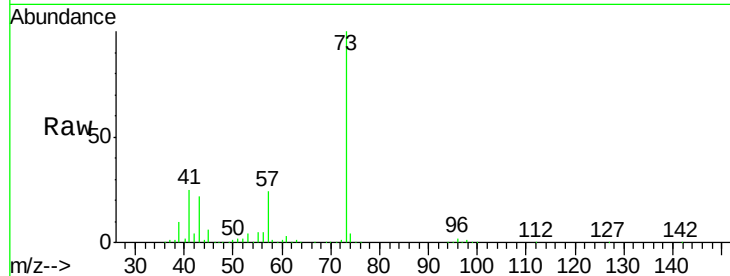
#19
Methyl tert-butyl Ether
Concen: 55.619 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.3	19.2	28.8

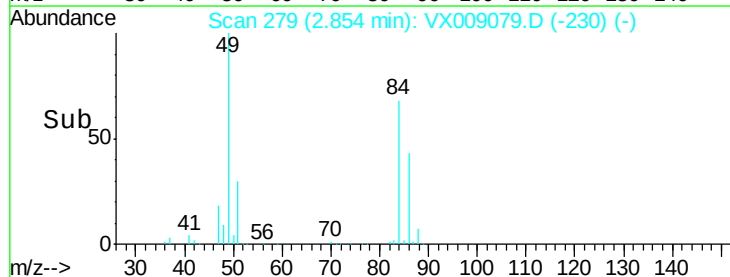
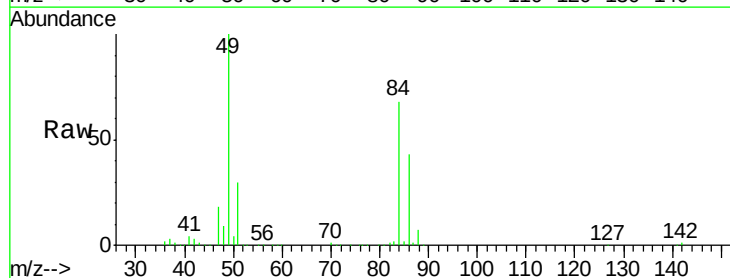
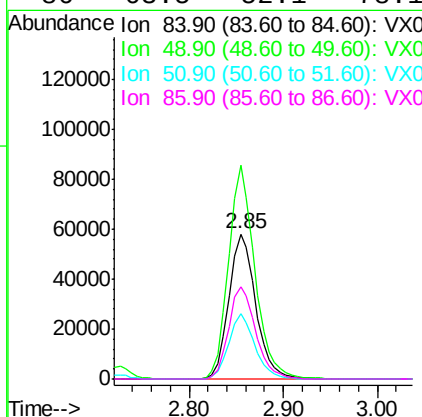
Manual Integrations
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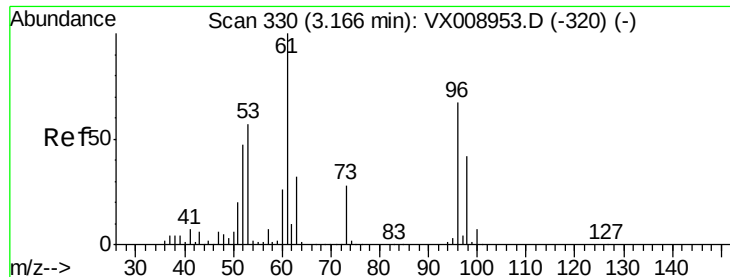
MMDadoda
4/22/2019 10:51:54 AM



#20
Methylene Chloride
Concen: 50.952 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.7	115.4	173.0
51	44.6	35.8	53.6
86	63.5	52.1	78.1





#21

trans-1,2-Dichloroethene

Concen: 50.226 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

GMW-7MSD

Tot Ion: 96 Resp: 104365

Ion Ratio Lower Upper

96 100

61 161.2 120.3 180.5

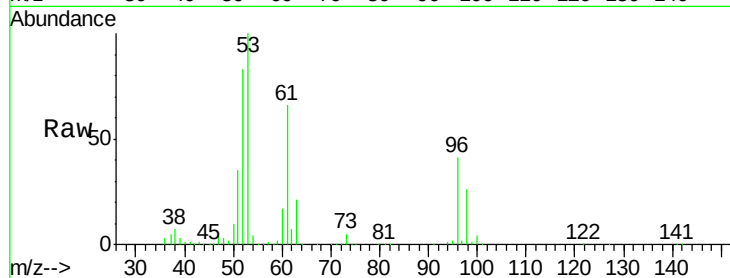
98 62.7 50.2 75.2

Manual Integrations

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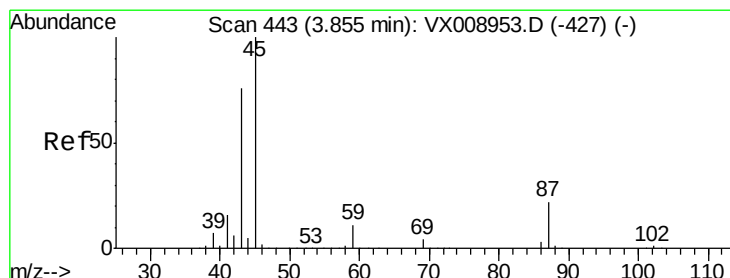
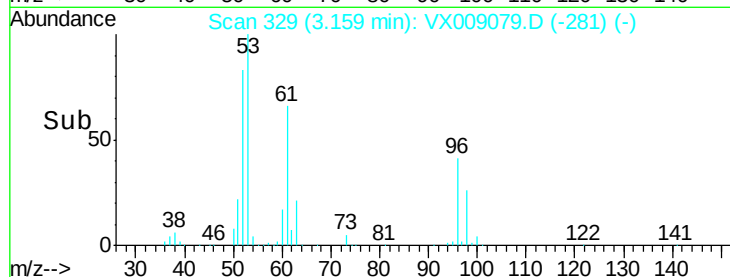
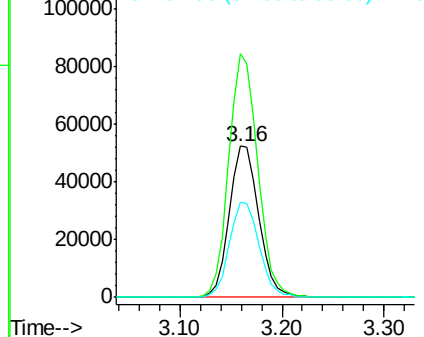


Abundance

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: 55.839 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion: 45 Resp: 461176

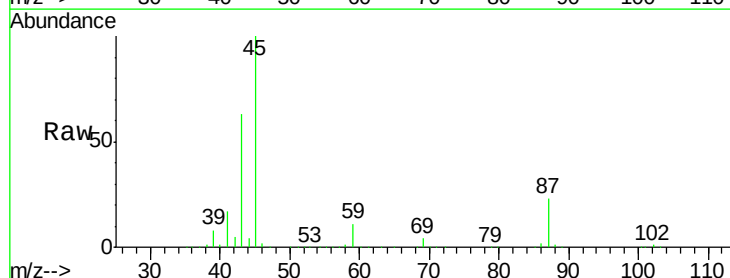
Ion Ratio Lower Upper

45 100

43 62.9 60.6 91.0

87 23.1 17.8 26.8

59 10.7 8.7 13.1



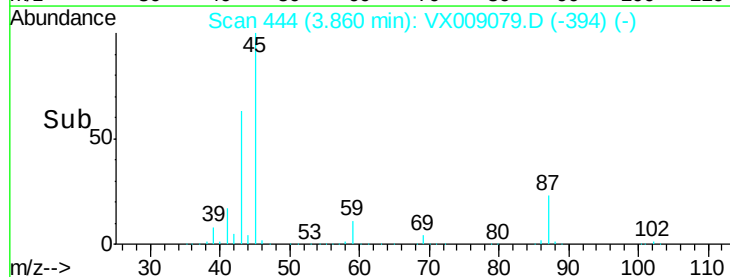
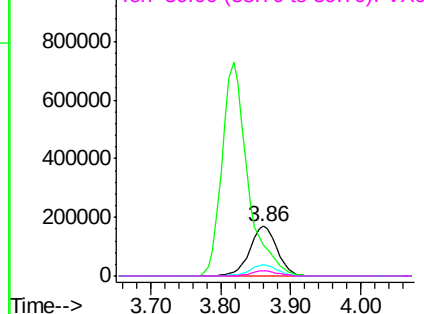
Abundance

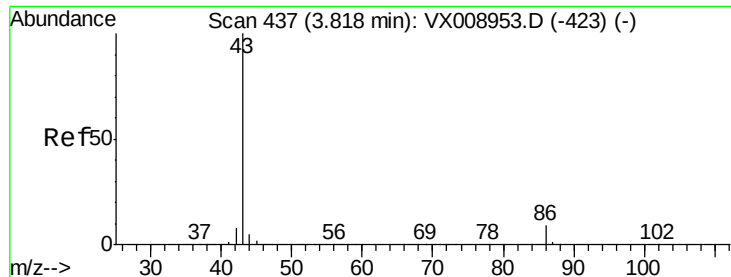
Ion 45.00 (44.70 to 45.70): VX0

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: 256.822 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

Tot Ion: 43 Resp: 1864525

Ion Ratio Lower Upper

43 100

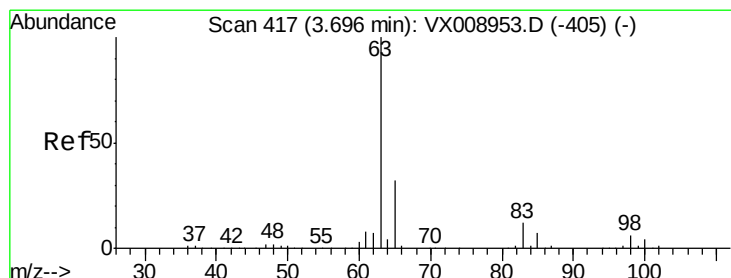
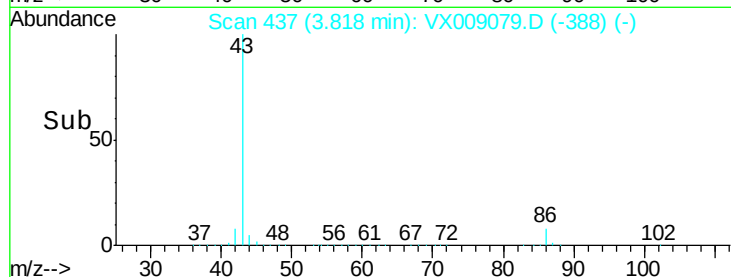
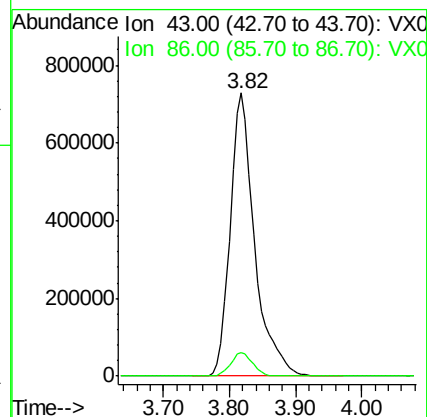
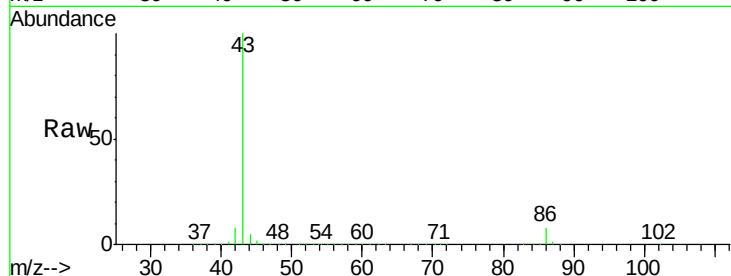
86 8.5 7.1 10.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.491 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

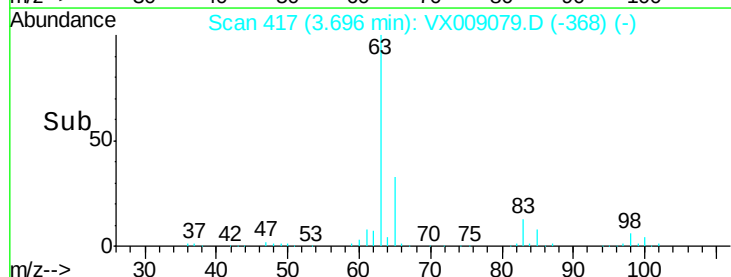
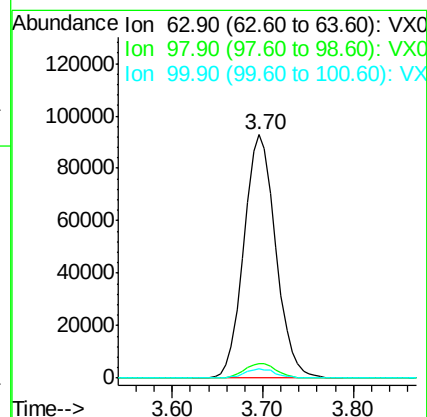
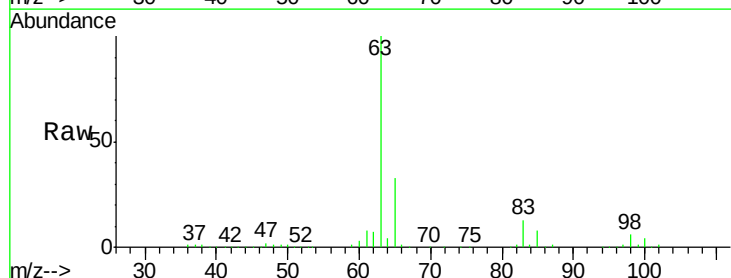
Tgt Ion: 63 Resp: 225914

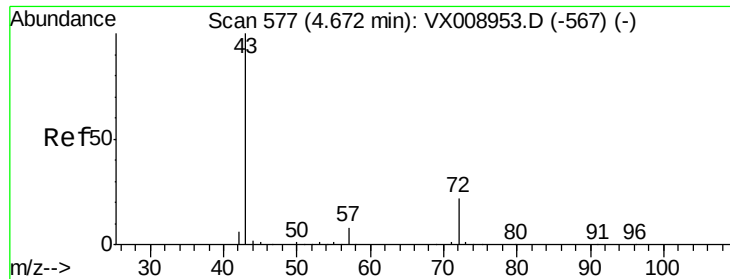
Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 4.1 1.9 5.7





#25

2-Butanone

Concen: 295.483 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

GMW-7MSD

Tot Ion: 43 Resp: 627061

Ion Ratio Lower Upper

43 100

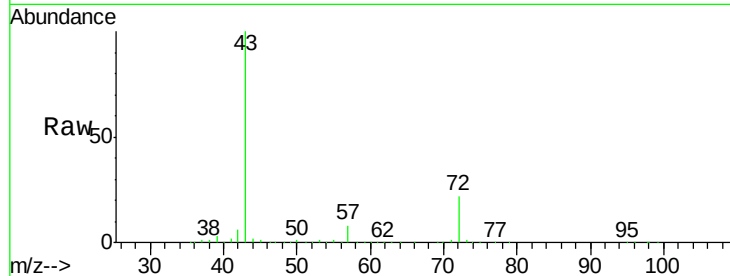
72 22.2 17.5 26.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

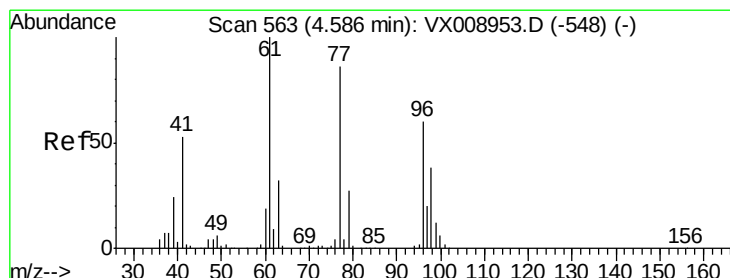
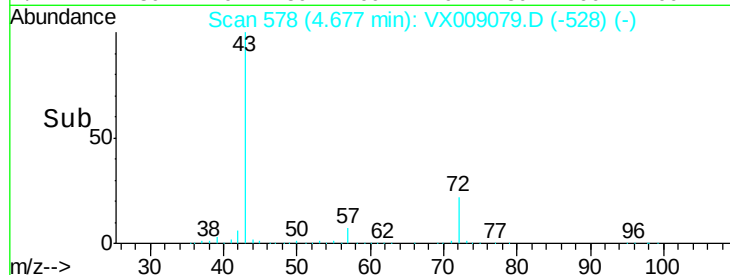
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.448 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009079.D

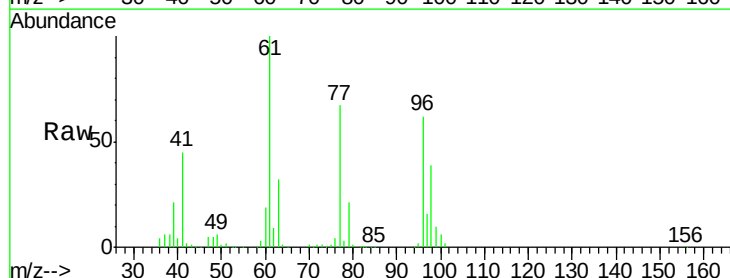
Acq: 19 Apr 2019 18:38

Tgt Ion: 77 Resp: 128807

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

10000

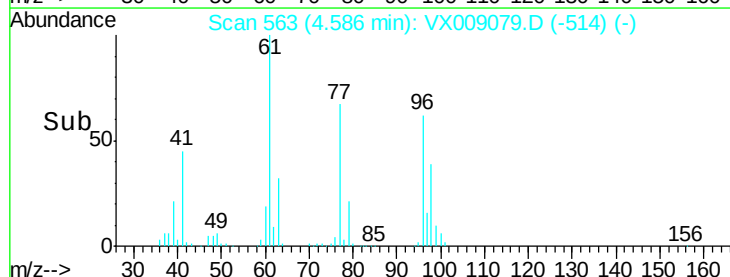
0

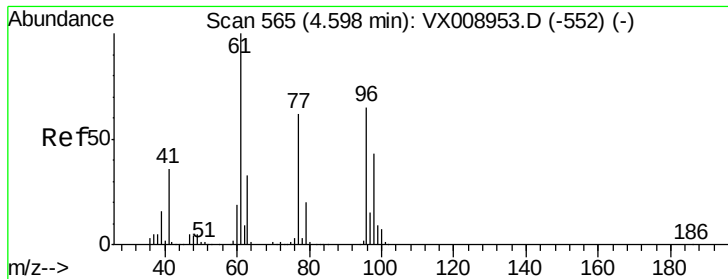
4.50

4.60

4.70

Time-->





#27

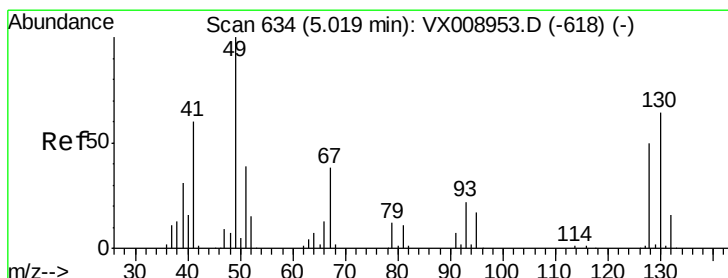
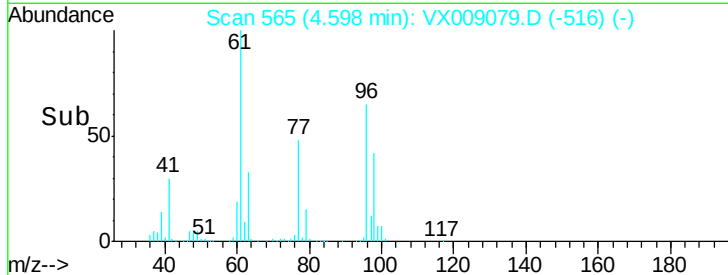
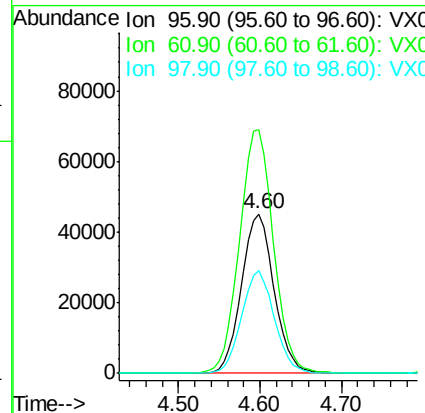
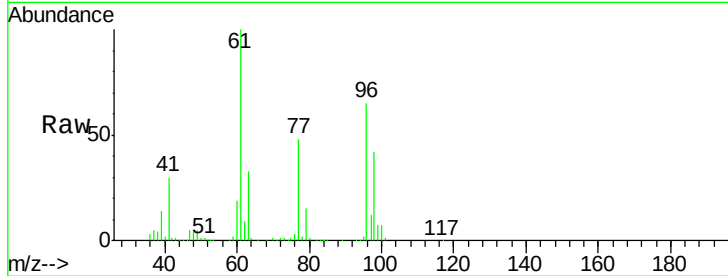
cis-1,2-Dichloroethene
Concen: 52.855 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	124697		
61	159.8	0.0	322.0	
98	64.8	0.0	128.4	

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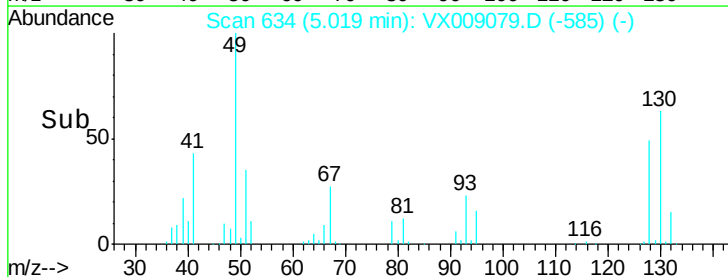
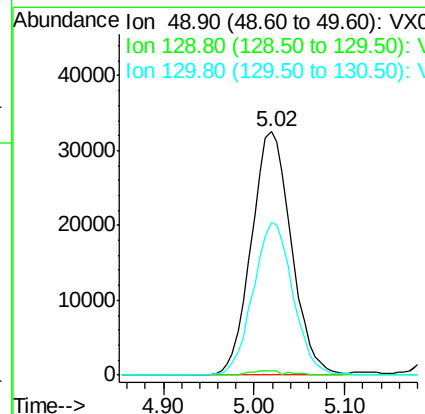
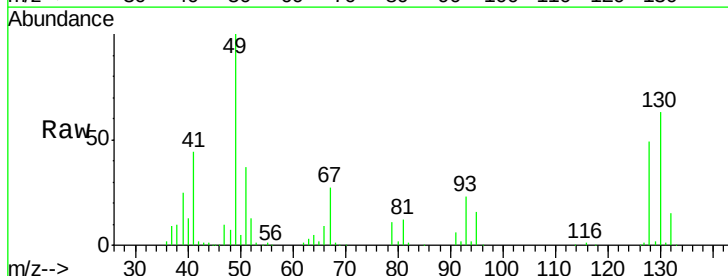
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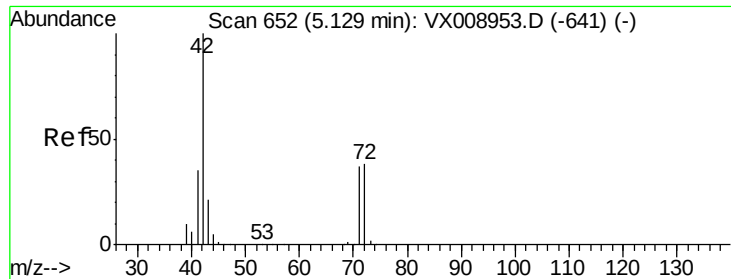


#28

Bromochloromethane
Concen: 58.007 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	99358		
129	1.2	0.0	3.6	
130	62.1	50.4	75.6	





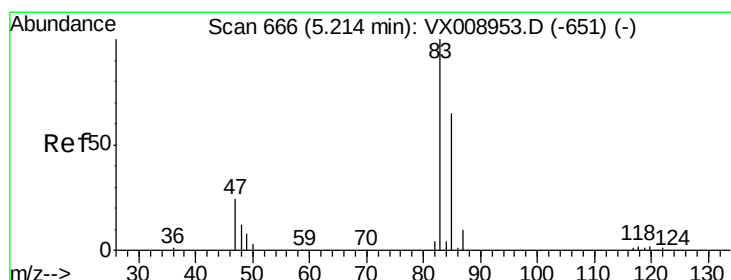
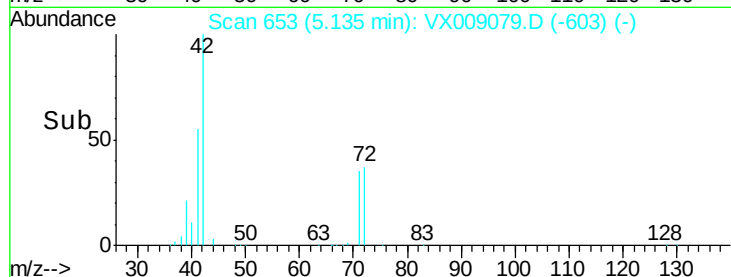
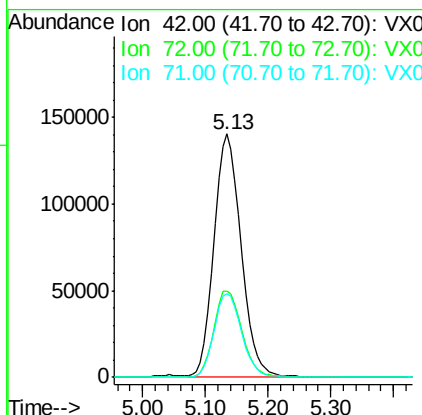
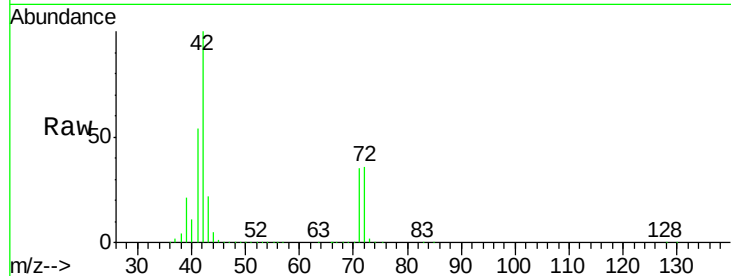
#29
Tetrahydrofuran
Concen: 295.332 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.1	30.6	45.8
71	35.2	28.8	43.2

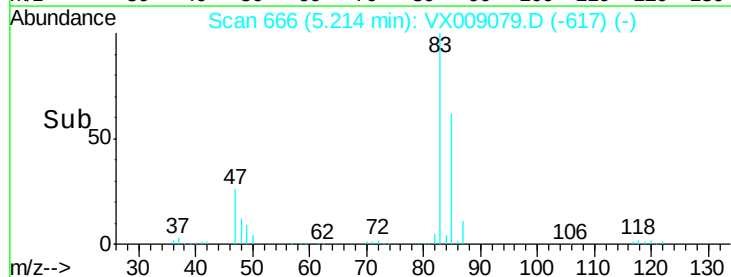
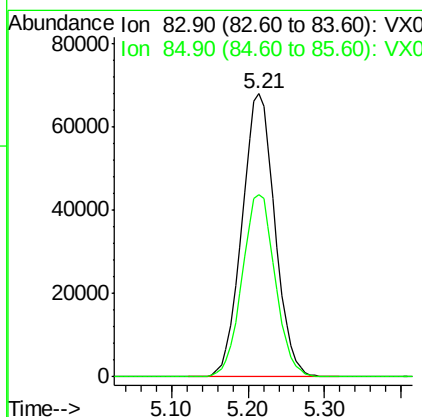
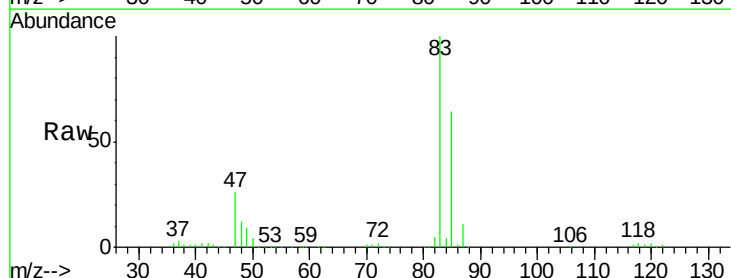
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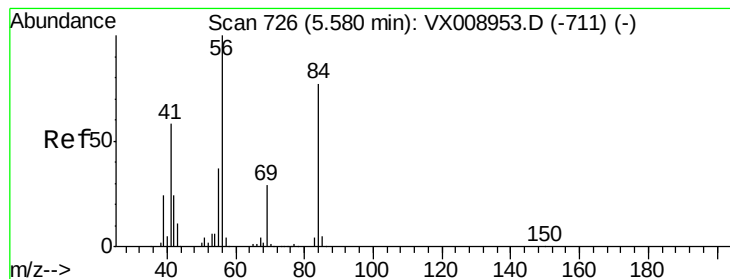
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#30
Chloroform
Concen: 54.874 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.9	77.9





#31

Cyclohexane

Concen: 51.833 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

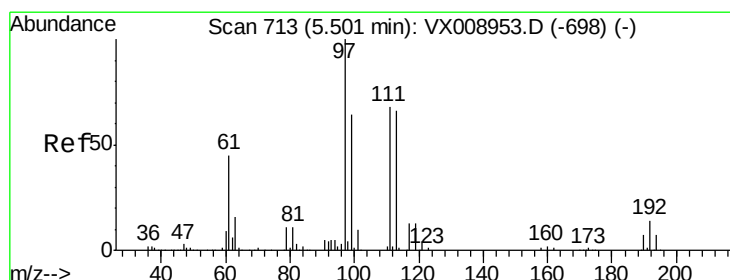
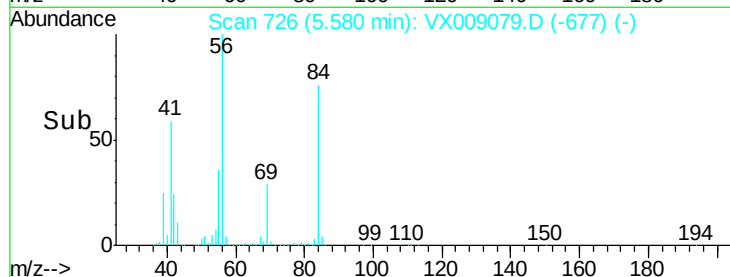
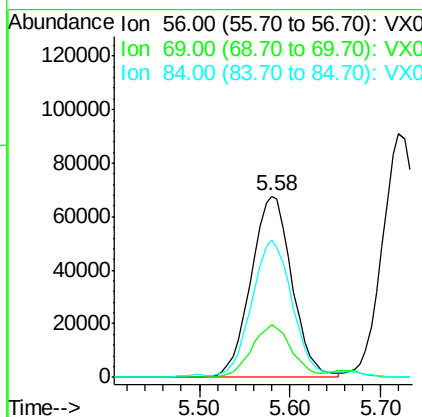
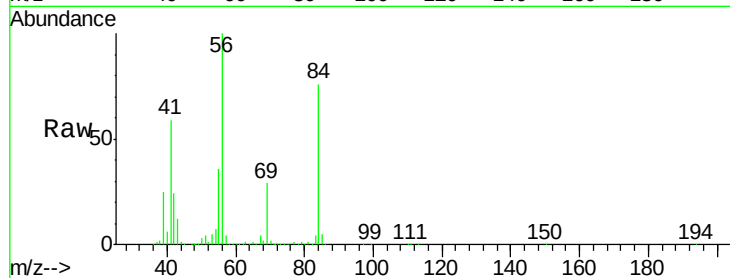
ClientSampleId :

GMW-7MSD

Tot Ion:	56	Resp:	211361
Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.3	34.9
84	74.7	61.7	92.5

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#32

1,1,1-Trichloroethane

Concen: 53.661 ug/l

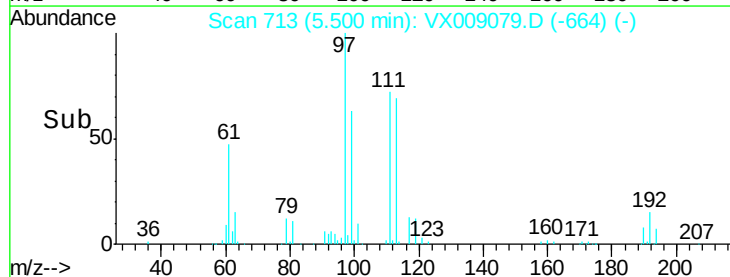
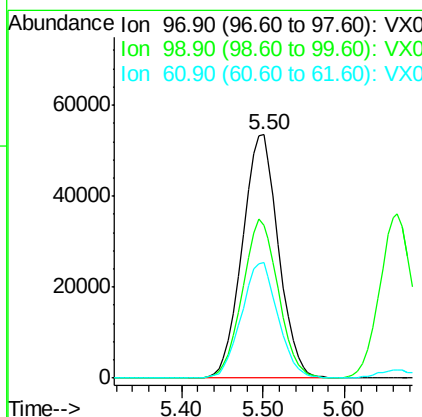
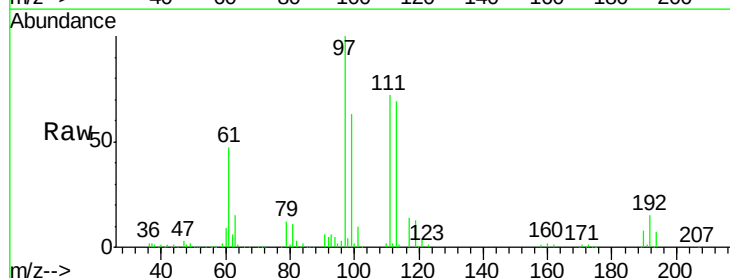
RT: 5.50 min Scan# 713

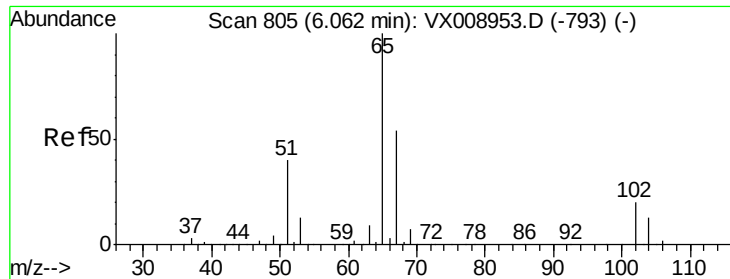
Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion:	97	Resp:	164998
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	48.1	37.9	56.9





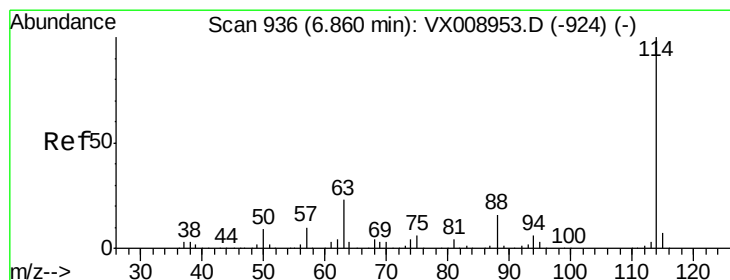
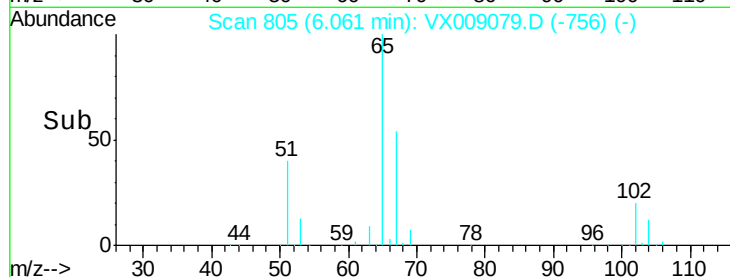
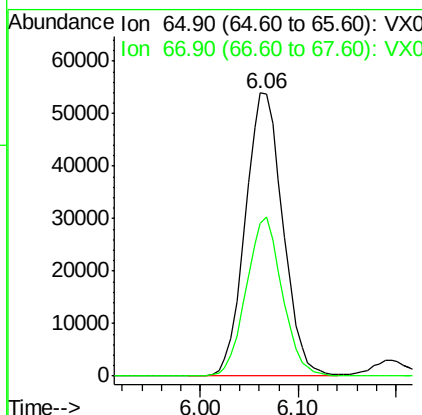
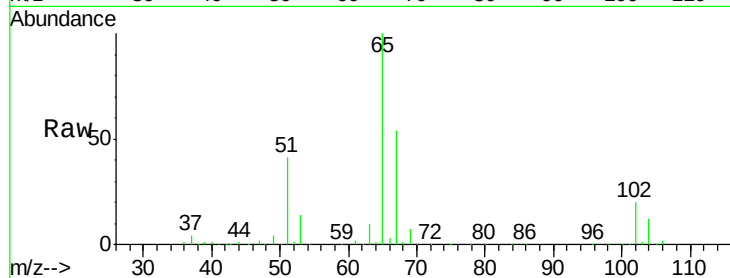
#33
 1,2-Dichloroethane-d4
 Concen: 56.150 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.6

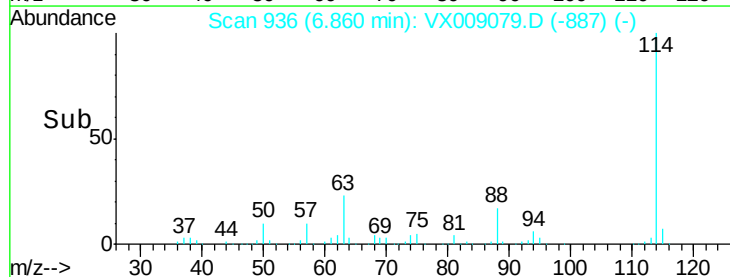
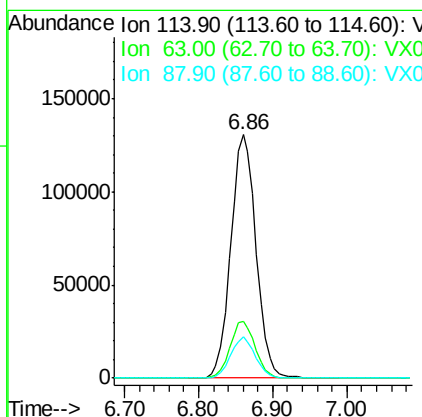
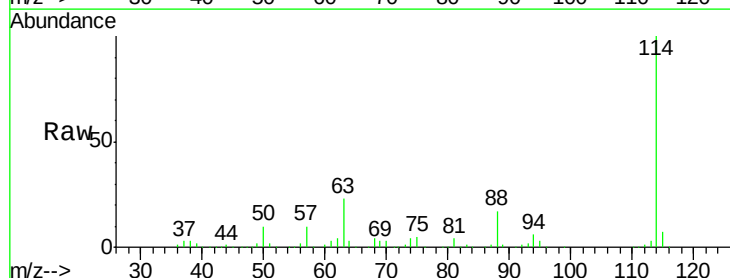
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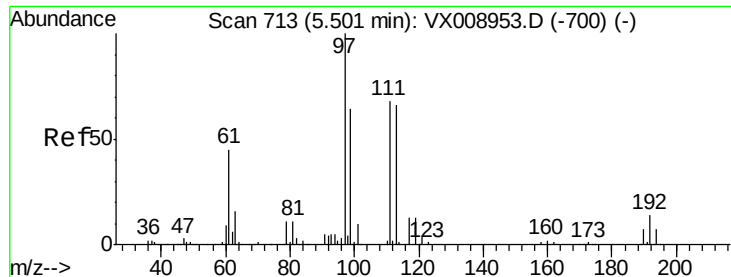
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.0
88	16.9	0.0	32.6





#35

Dibromofluoromethane

Concen: 53.597 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

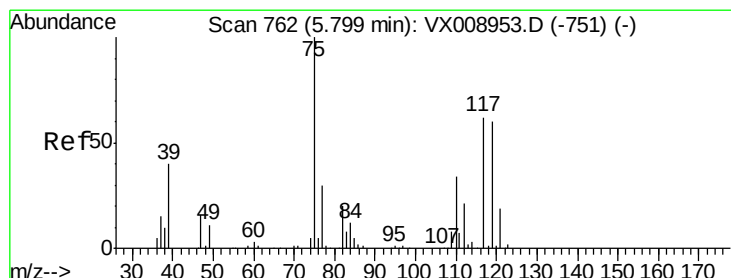
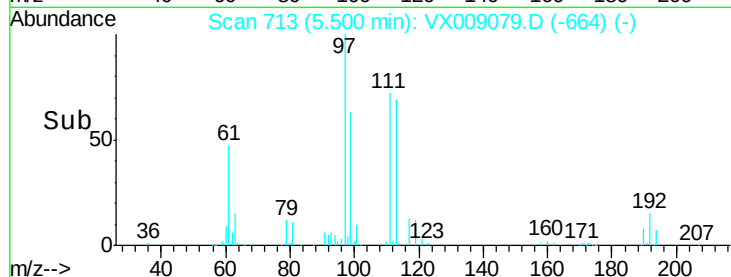
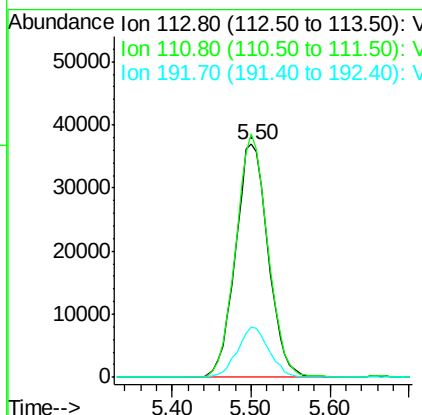
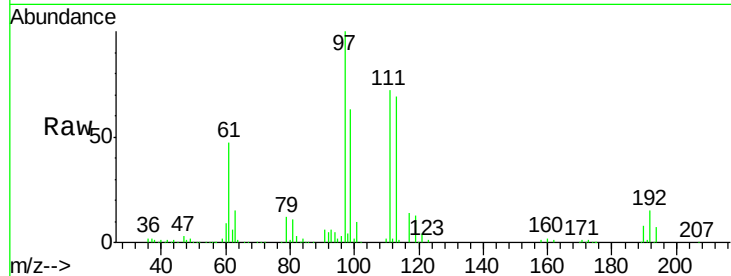
ClientSampled :

GMW-7MSD

Tot Ion:	113	Resp:	106336
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	20.9	17.4	26.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.473 ug/l

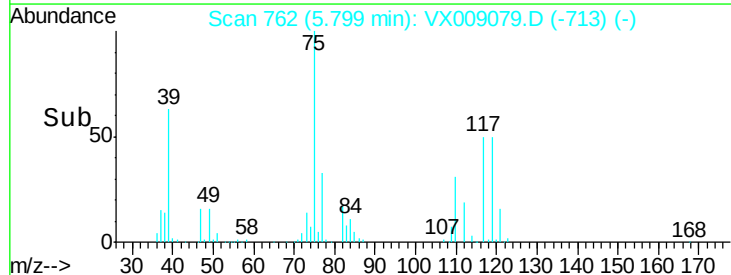
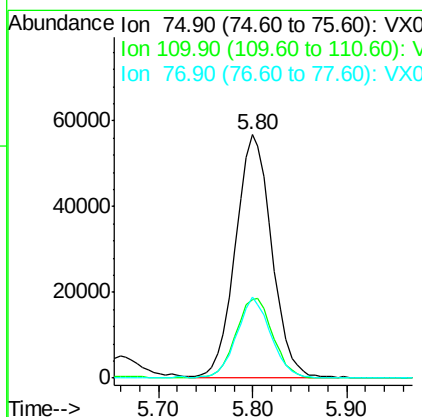
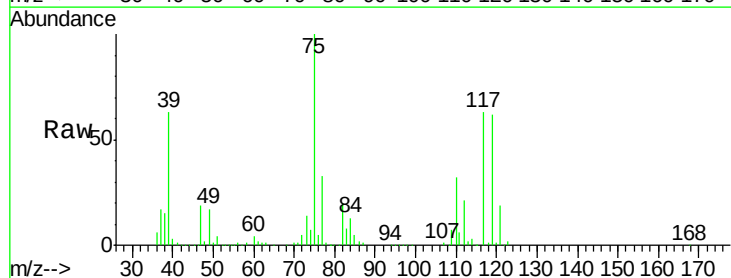
RT: 5.80 min Scan# 762

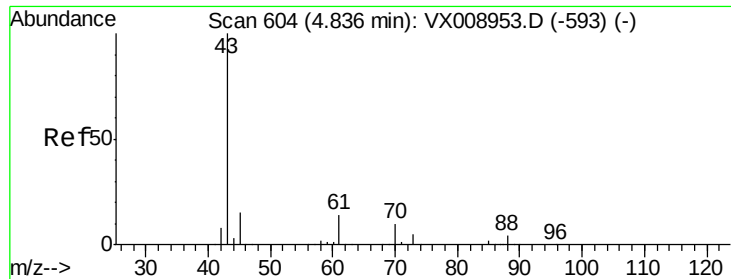
Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion:	75	Resp:	151780
Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.7
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 51.981 ug/l

RT: 4.84 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

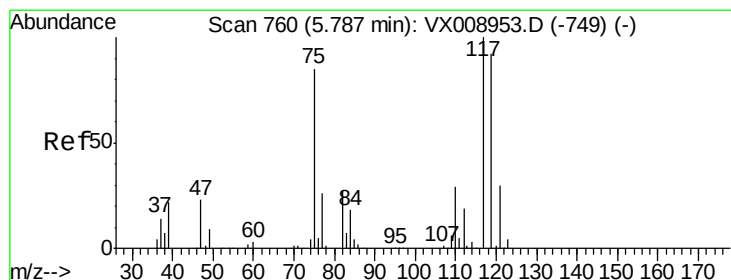
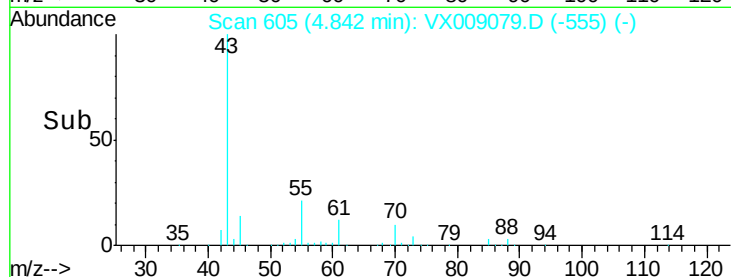
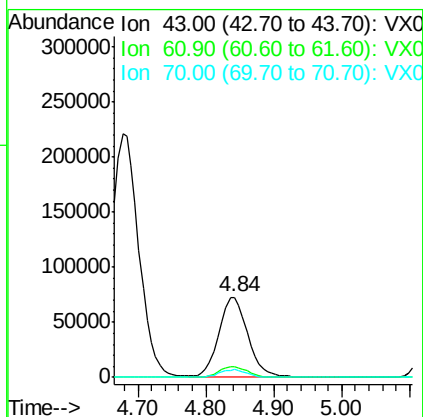
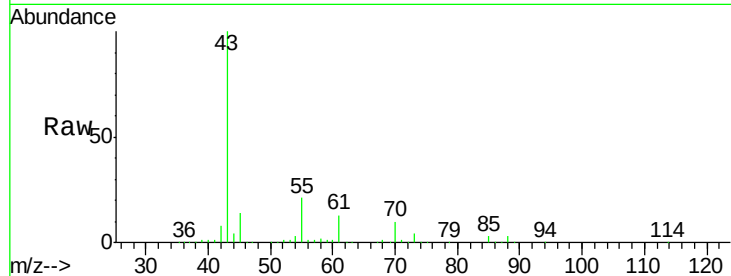
ClientSampled :

GMW-7MSD

Tot Ion:	43	Resp:	213854
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.6	15.8
70	9.4	7.7	11.5

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#38

Carbon Tetrachloride

Concen: 50.707 ug/l

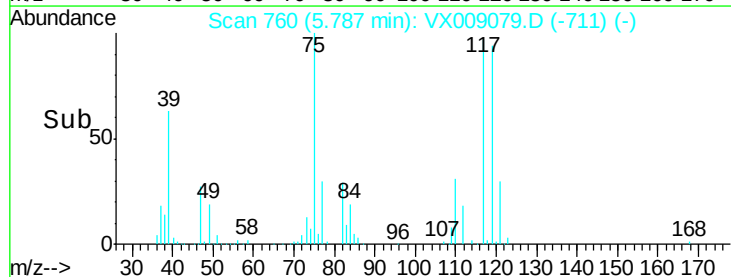
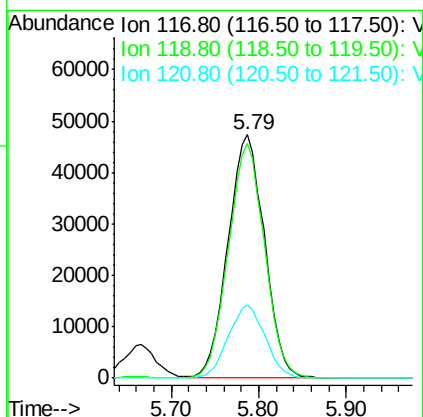
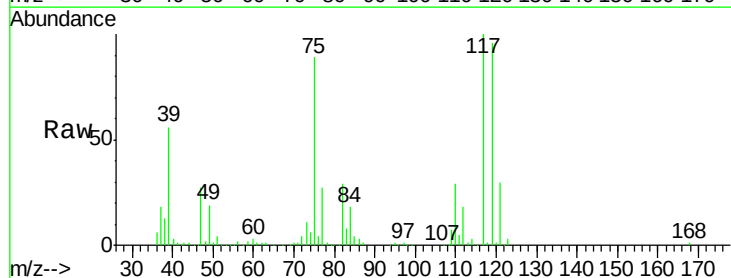
RT: 5.79 min Scan# 760

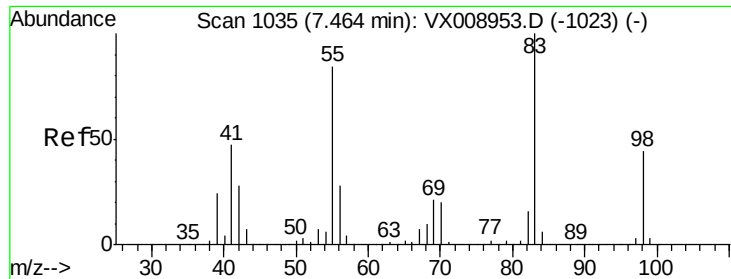
Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion:	117	Resp:	137441
Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.8	110.8
121	30.3	23.6	35.4





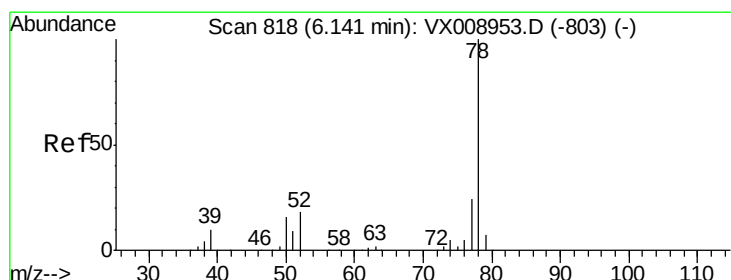
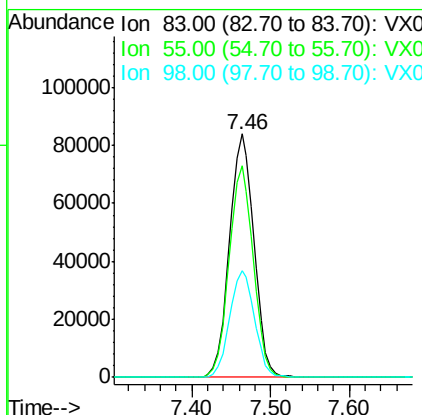
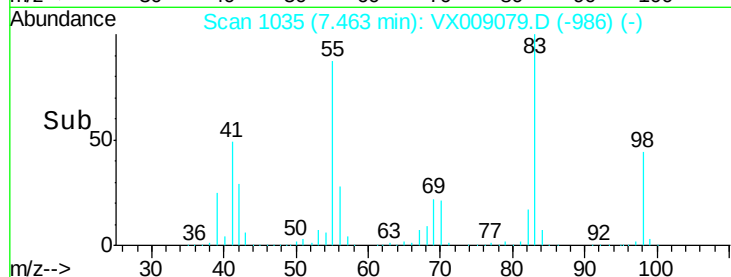
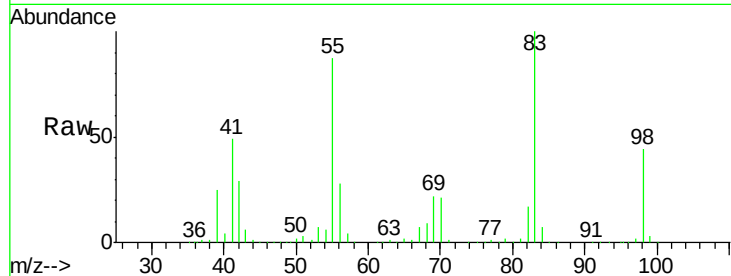
#39
Methylvlcyclohexane
Concen: 46.710 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion	83.00	Resp	181828
Ion	Ratio	Lower	Upper
83	100		
55	87.2	67.1	100.7
98	43.7	35.1	52.7

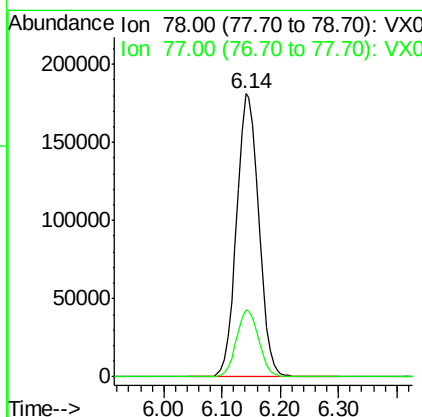
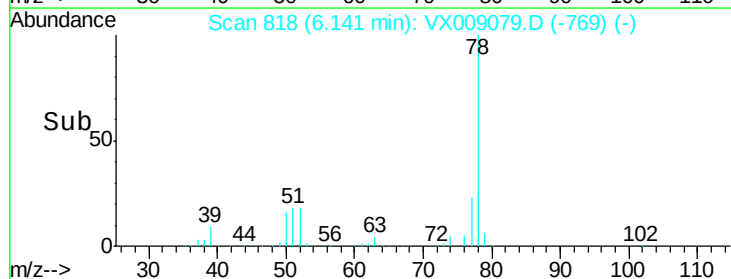
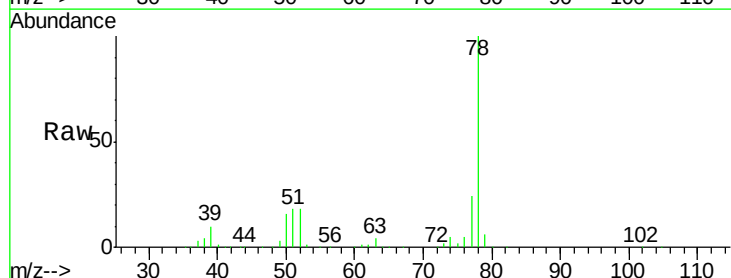
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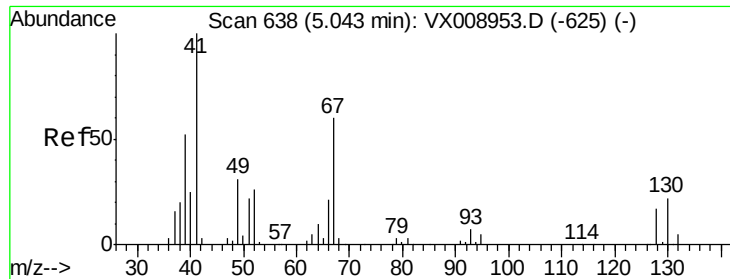
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#40
Benzene
Concen: 50.866 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion	78	Resp	479760
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





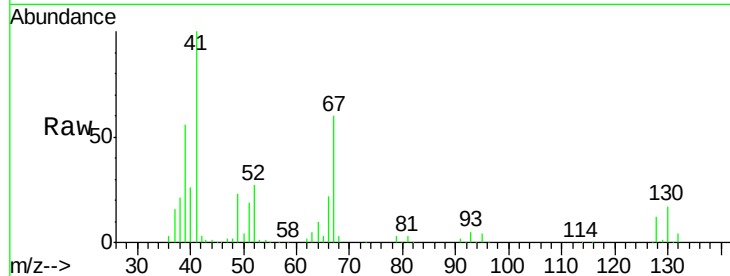
#41
Methacrylonitrile
Concen: 56.608 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

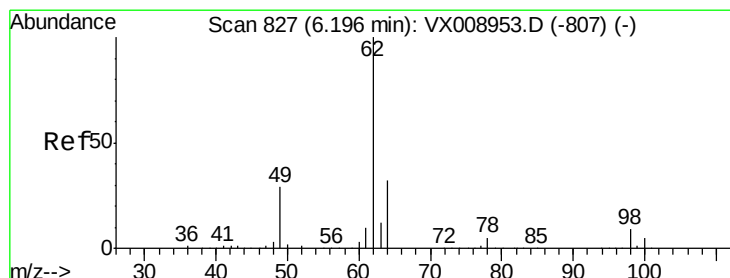
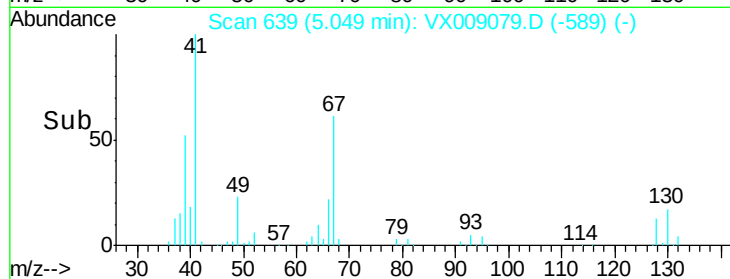
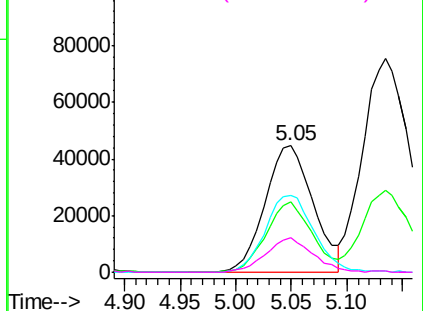
Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	41.8	62.6
67	62.0	50.2	75.4
52	25.7	21.1	31.7

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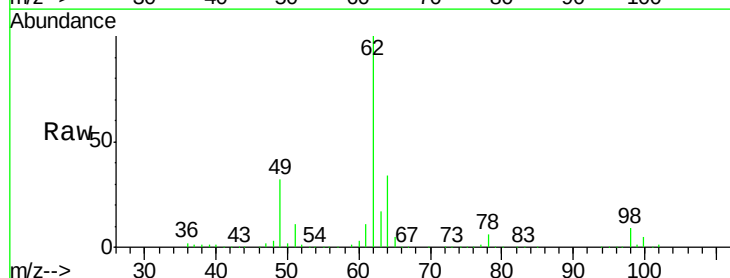


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

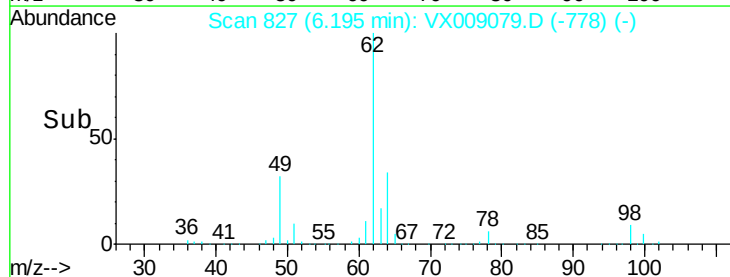
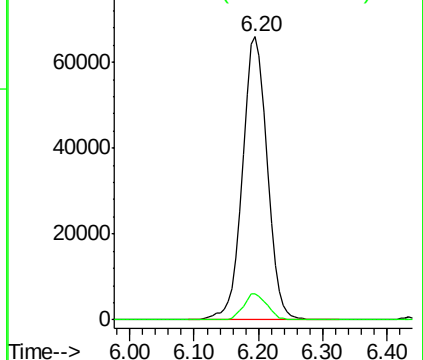


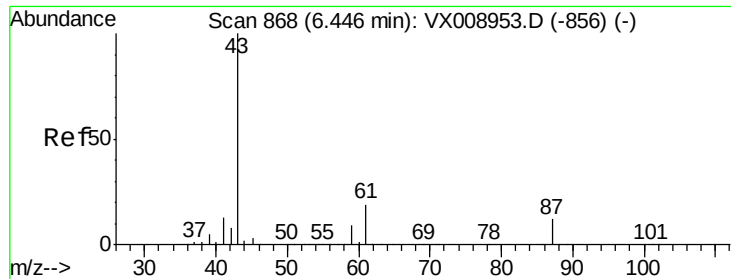
#42
1,2-Dichloroethane
Concen: 51.878 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.763 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

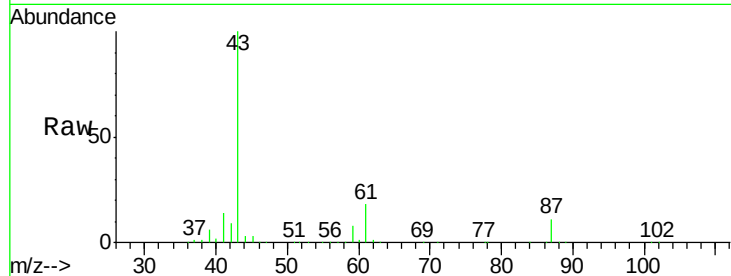
ClientSampleId :

GMW-7MSD

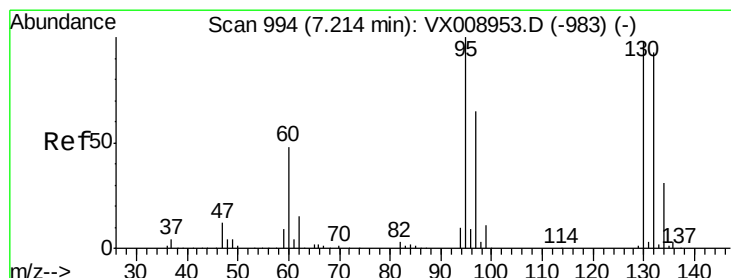
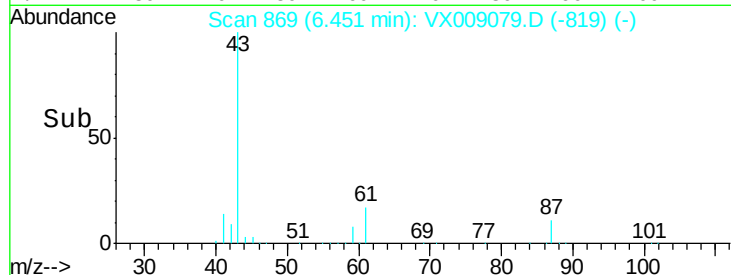
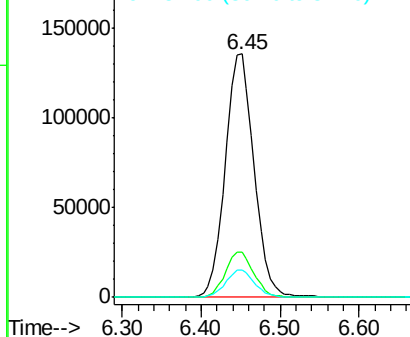
Tot Ion:	43	Resp:	343182
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.4	23.0
87	11.1	9.0	13.4

Manual Integrations
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4/22/2019 10:51:54 AM



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: 47.681 ug/l

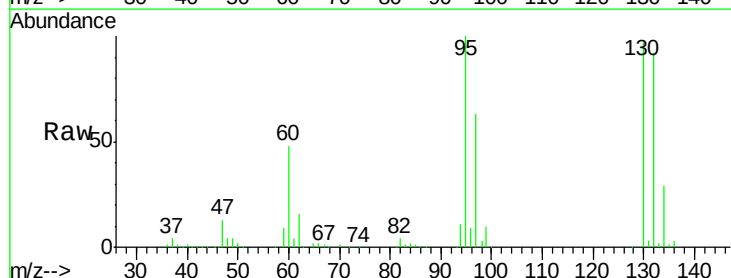
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

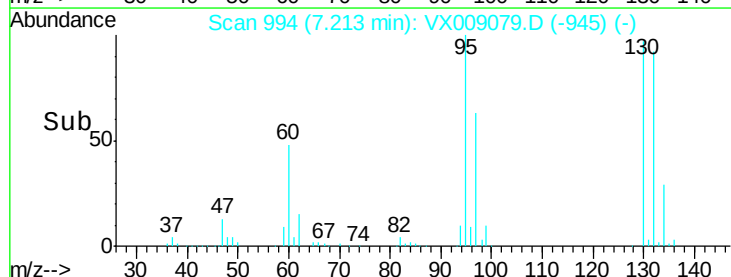
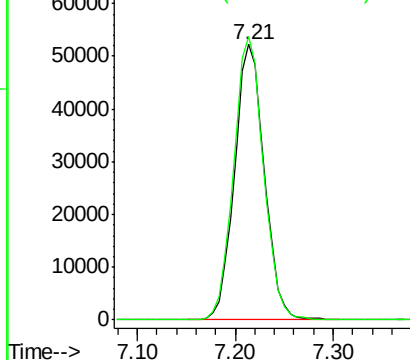
Lab File: VX009079.D

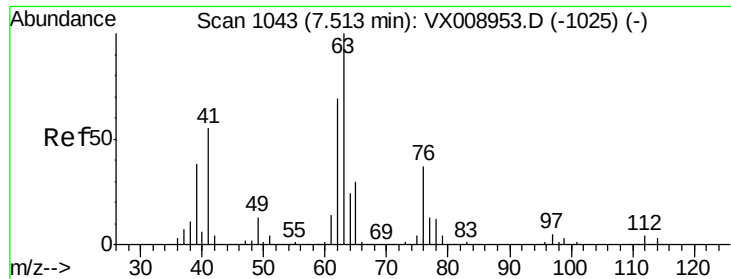
Acq: 19 Apr 2019 18:38

Tgt Ion:	130	Resp:	110190
Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	203.2



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





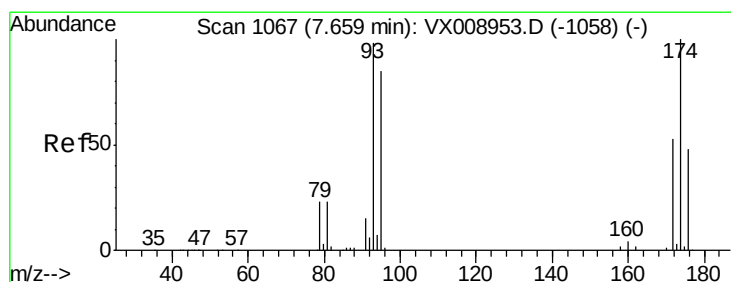
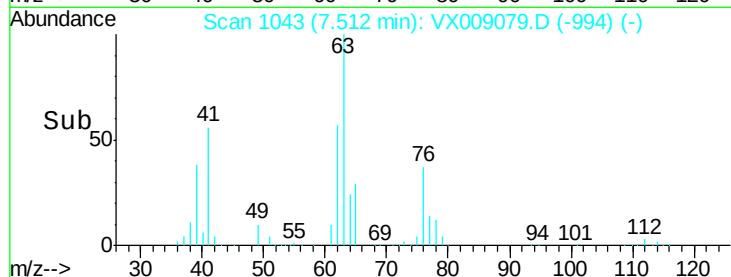
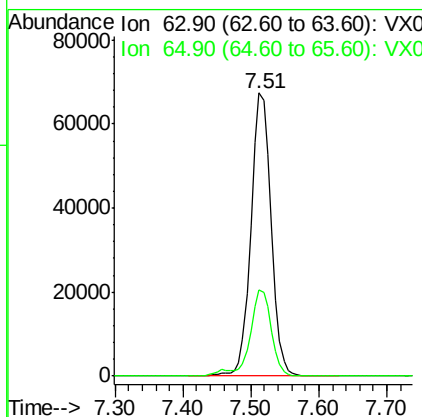
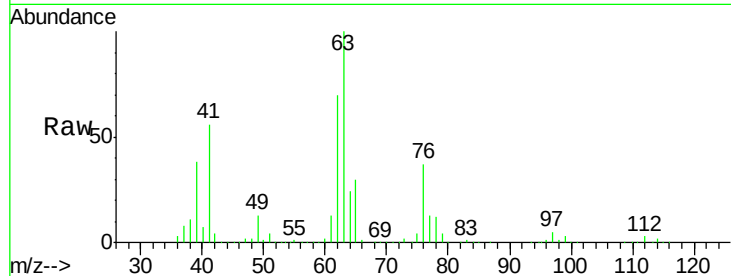
#45
 1,2-Dichloropropane
 Concen: 53.365 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.1	36.1

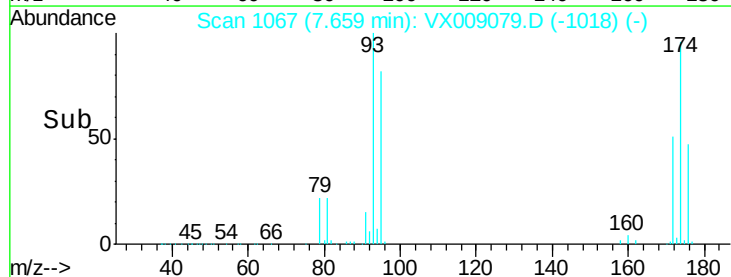
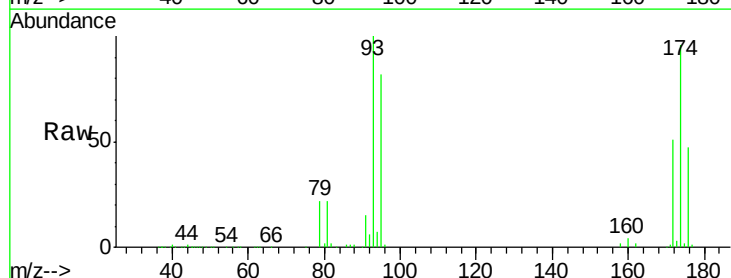
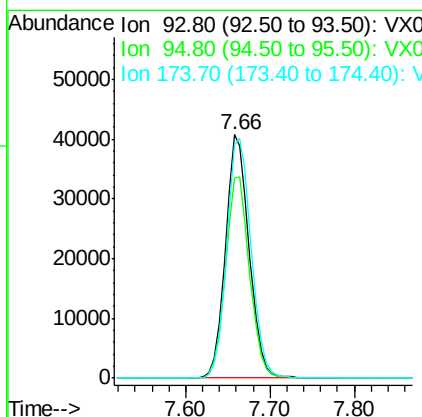
Manual Integrations
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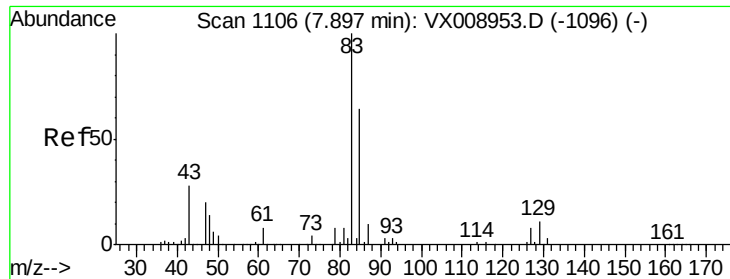
MMDadoda
 4/22/2019 10:51:54 AM



#46
 Dibromomethane
 Concen: 51.228 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.0	100.4
174	101.3	81.6	122.4





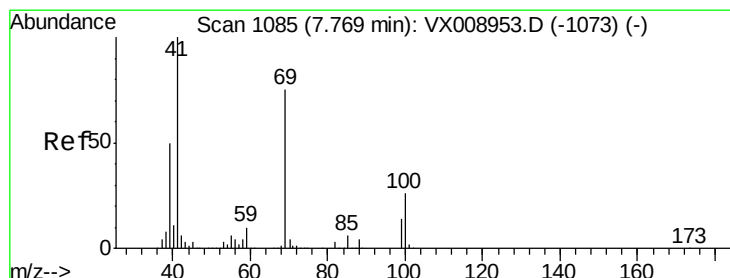
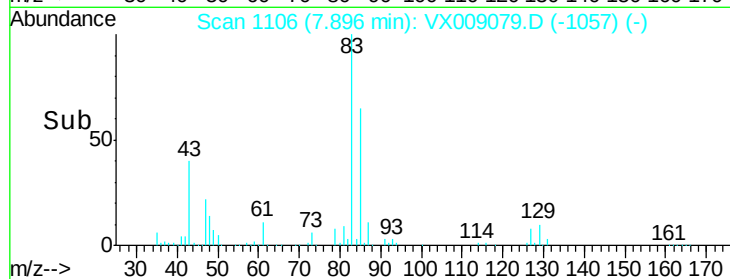
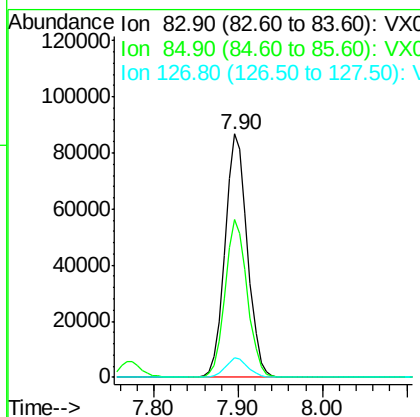
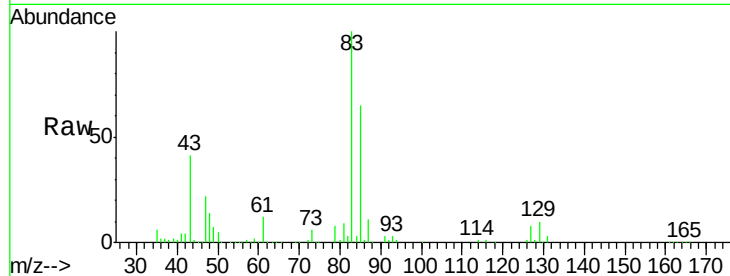
#47
Bromodichloromethane
Concen: 52.636 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampled :
GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	157214		
85	64.7	50.8	76.2	
127	8.1	6.4	9.6	

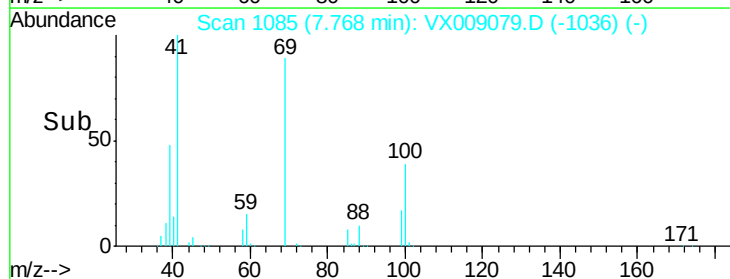
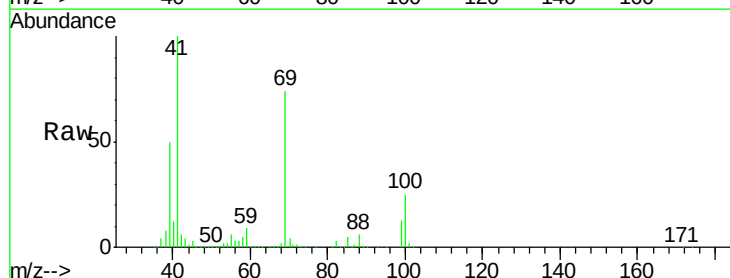
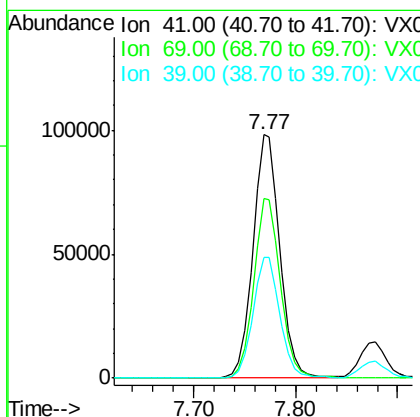
Manual Integrations
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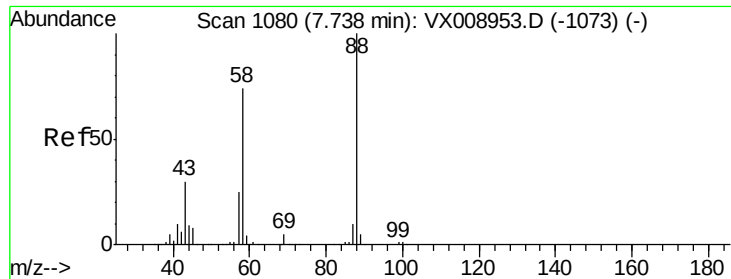
MMDadoda
4/22/2019 10:51:54 AM



#48
Methyl methacrylate
Concen: 55.101 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	180502		
69	73.5	59.4	89.2	
39	49.7	39.8	59.6	





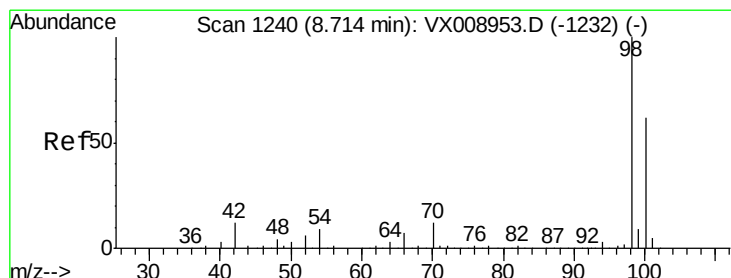
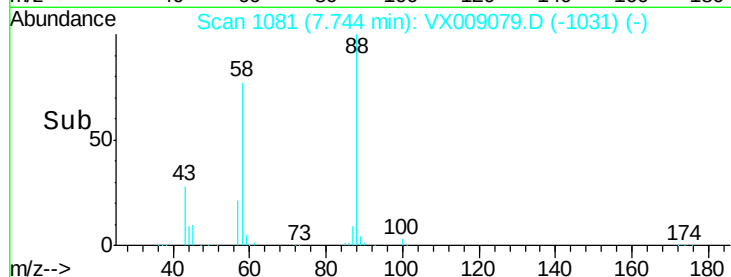
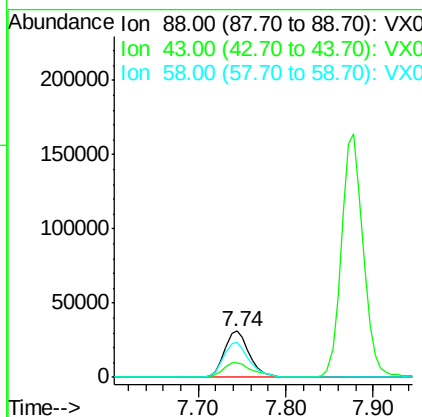
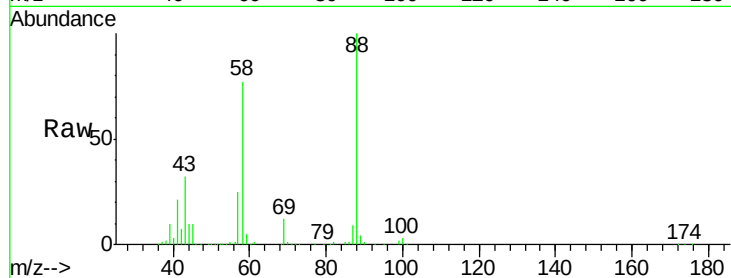
#49
1,4-Dioxane
Concen: 1001.390 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion	88	Resp	61399
Ion	Ratio	Lower	Upper
88	100		
43	37.7	29.3	43.9
58	78.5	62.6	93.8

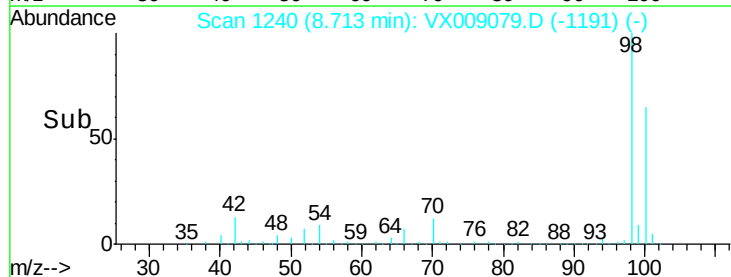
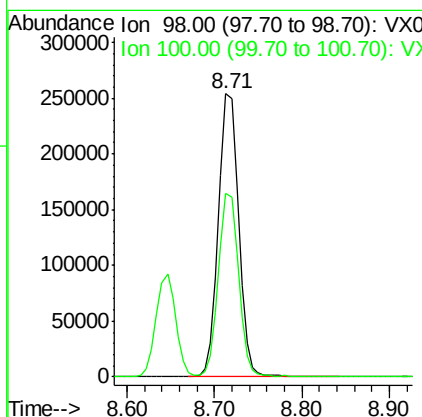
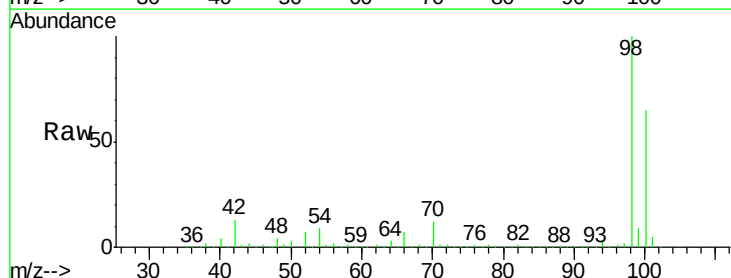
Manual Integrations
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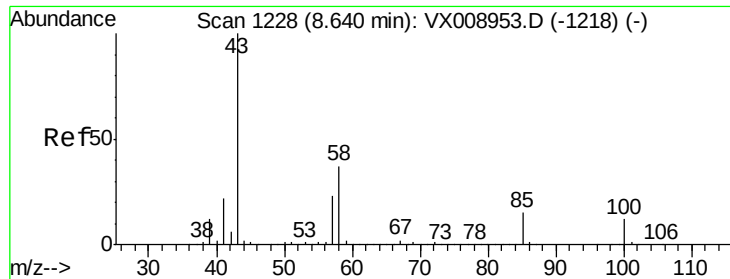
MMDadoda
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#50
Toluene-d8
Concen: 51.640 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion	98	Resp	408590
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.2





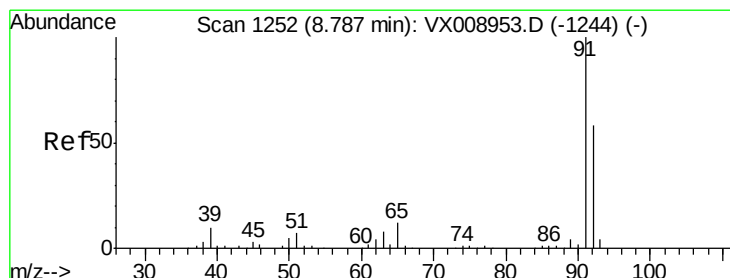
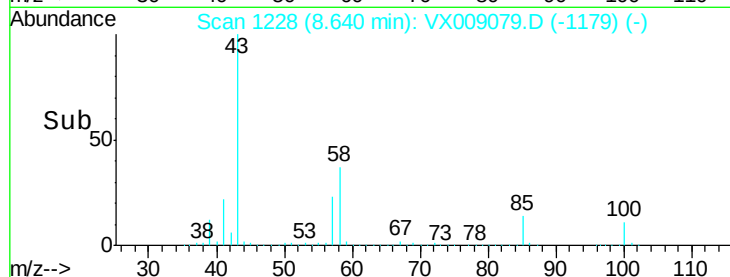
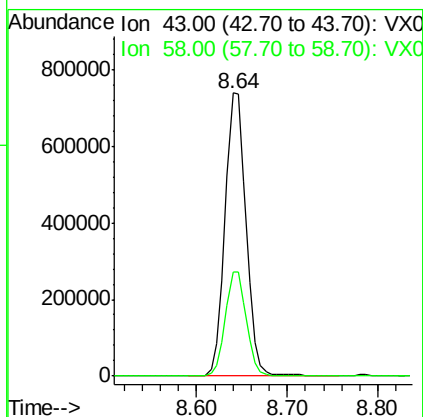
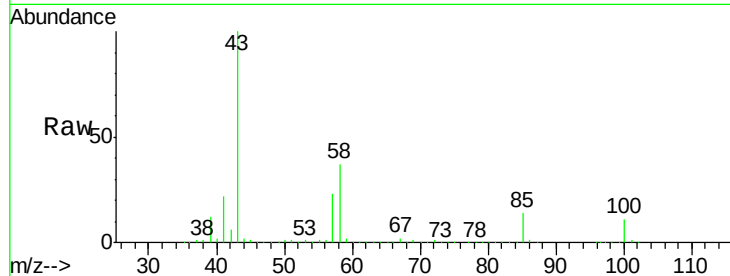
#51
4-Methyl-2-Pentanone
Concen: 282.619 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion: 43 Resp: 1193696
Ion Ratio Lower Upper
43 100
58 36.6 29.8 44.6

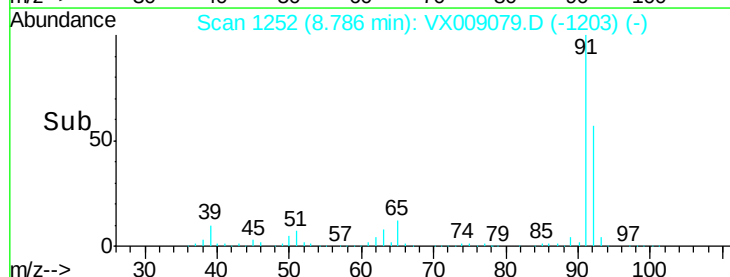
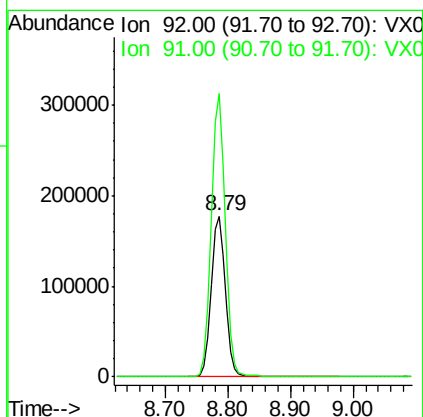
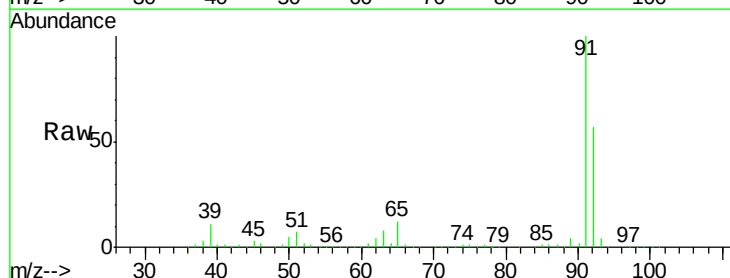
Manual Integrations
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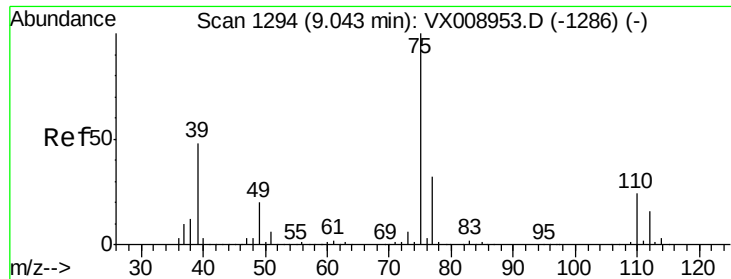
MMDadoda
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#52
Toluene
Concen: 49.143 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion: 92 Resp: 277791
Ion Ratio Lower Upper
92 100
91 174.3 138.5 207.7





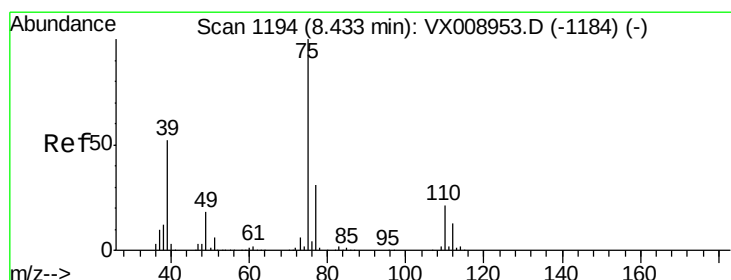
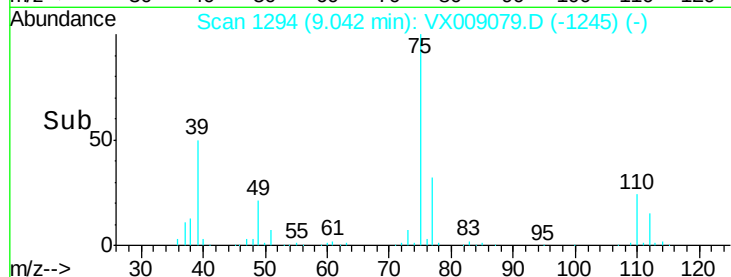
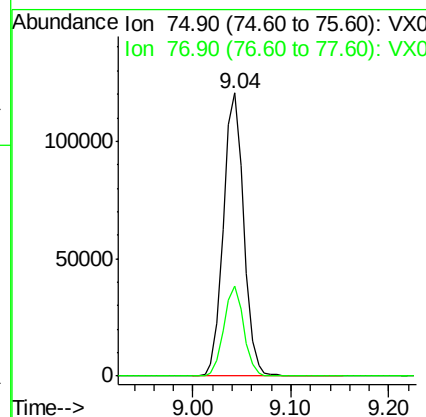
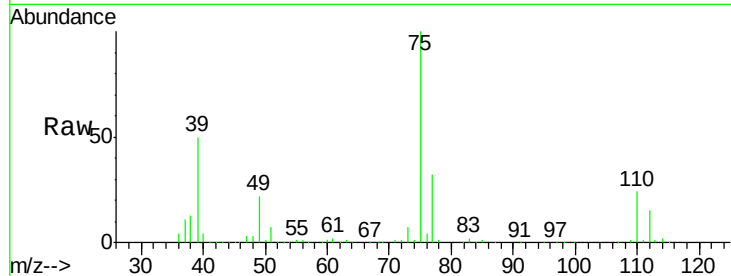
#53
 t-1,3-Dichloropropene
 Concen: 50.697 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampled :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2

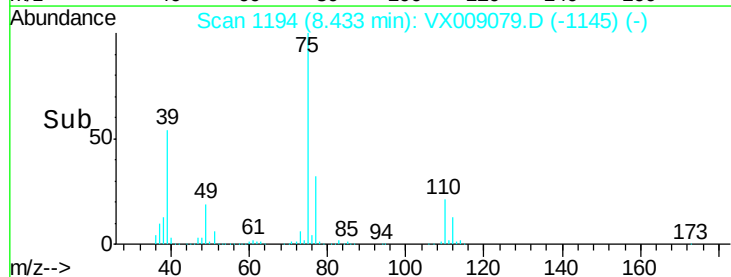
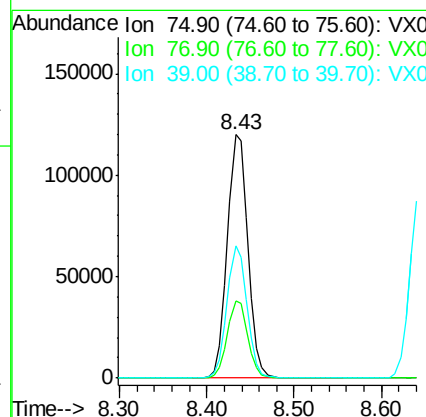
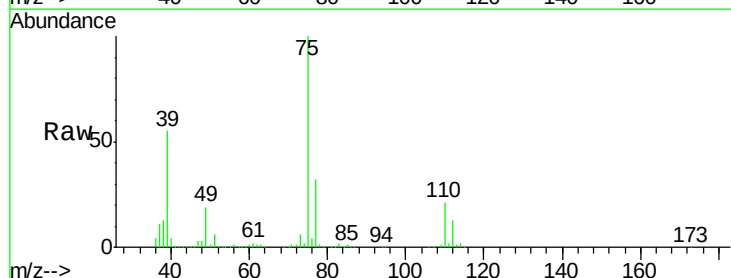
Manual Integrations
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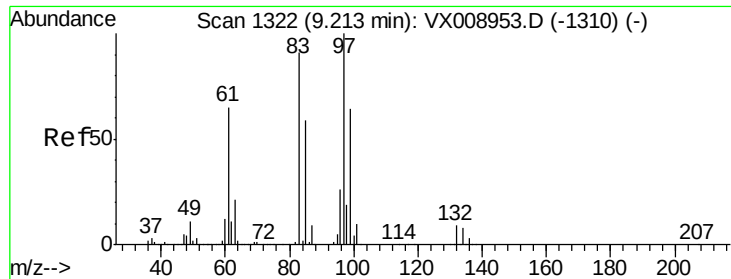
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 50.639 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2
39	54.5	41.8	62.6





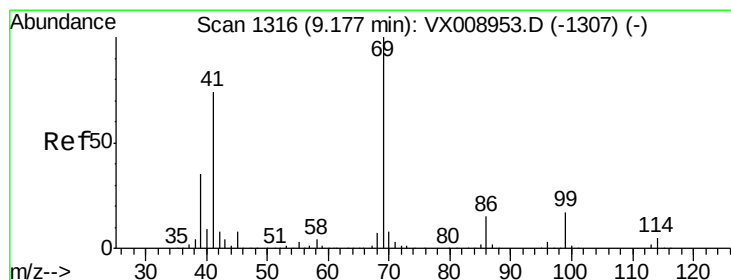
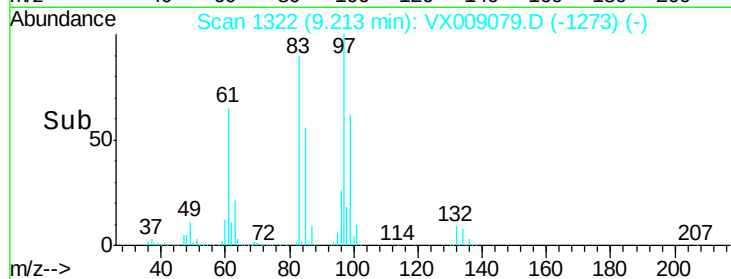
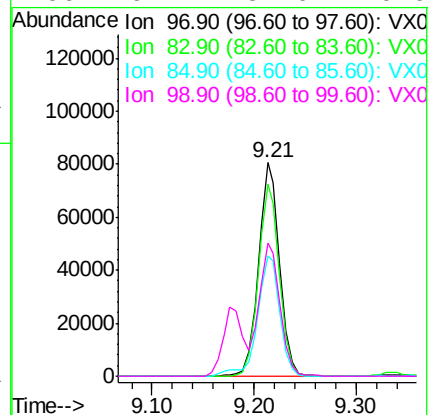
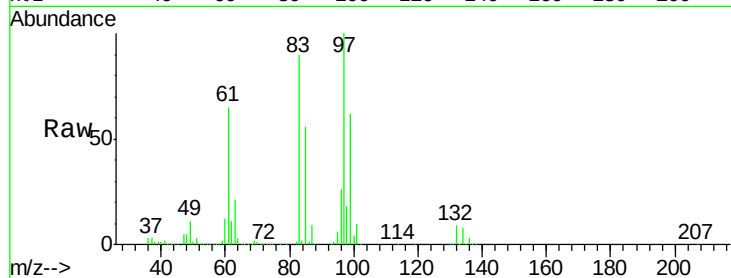
#55
 1,1,2-Trichloroethane
 Concen: 52.054 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion:	97	Resp:	116618
Ion	Ratio	Lower	Upper
97	100		
83	90.0	72.6	108.8
85	56.1	46.9	70.3
99	62.4	51.0	76.6

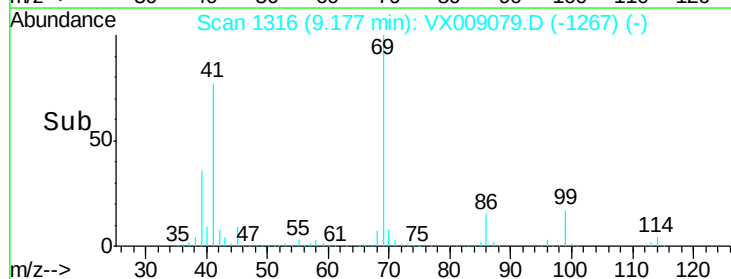
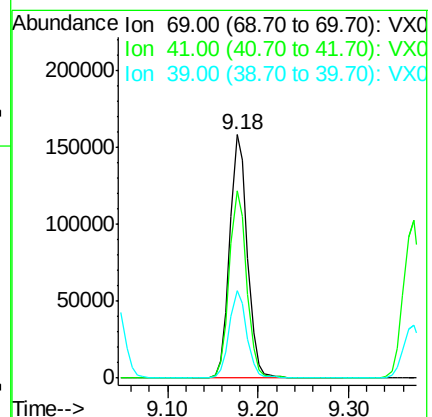
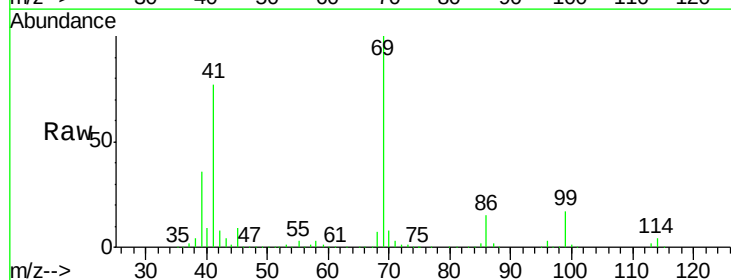
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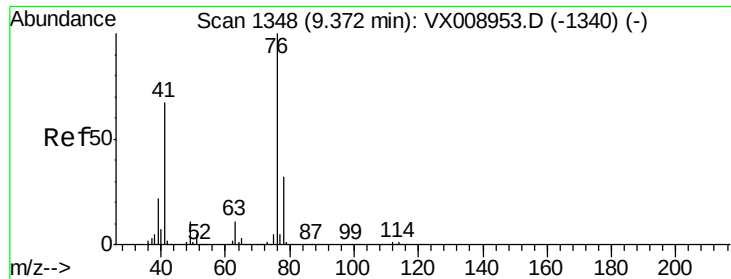
MMDadoda
 4/22/2019 10:51:54 AM



#56
 Ethyl methacrylate
 Concen: 53.303 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion:	69	Resp:	214123
Ion	Ratio	Lower	Upper
69	100		
41	76.3	60.2	90.2
39	35.5	27.9	41.9





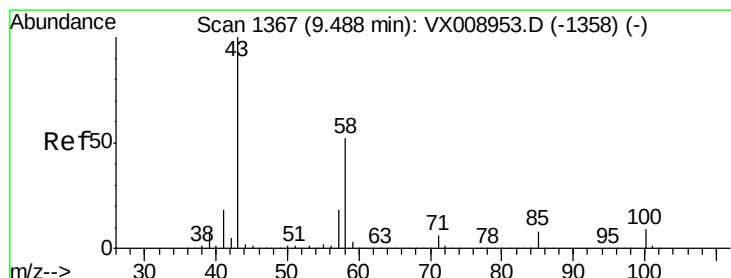
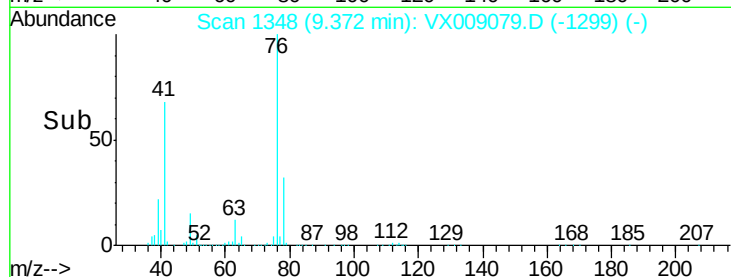
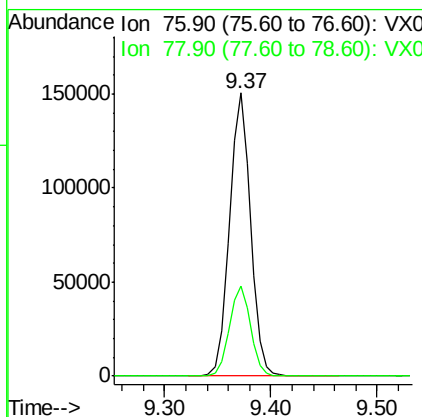
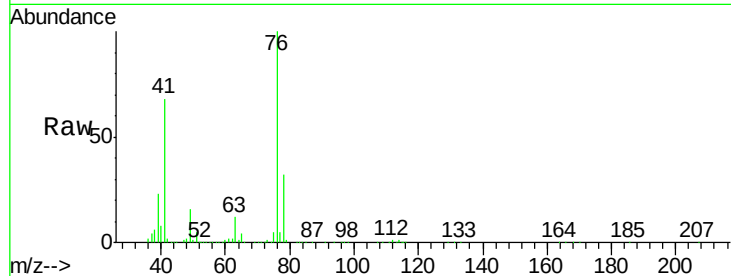
#57
 1,3-Dichloropropane
 Concen: 52.325 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

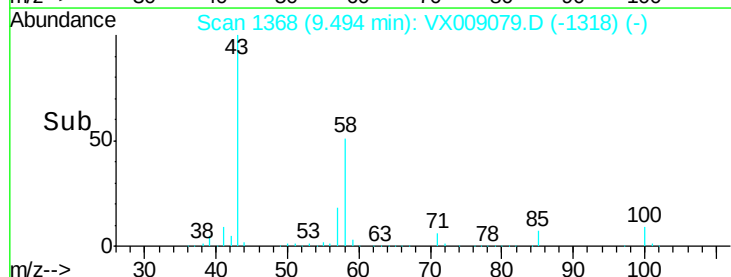
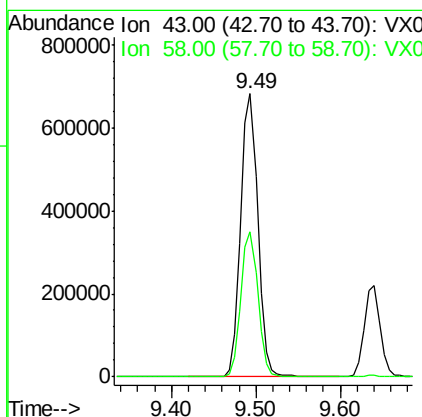
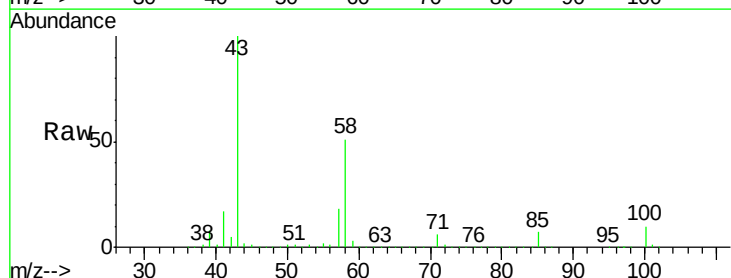
Manual Integrations
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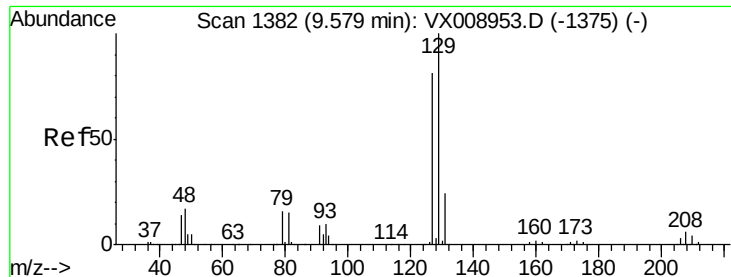
MMDadoda
 4/22/2019 10:51:54 AM



#59
 2-Hexanone
 Concen: 283.454 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.3	25.9	77.8





#60

Dibromochloromethane

Concen: 53.529 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

Tot Ion:129 Resp: 114935

Ion Ratio Lower Upper

129 100

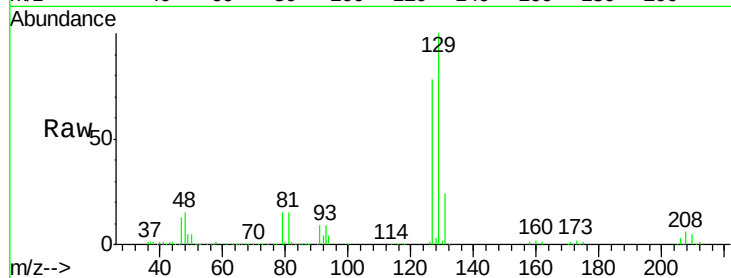
127 77.1 39.1 117.2

Manual Integrations

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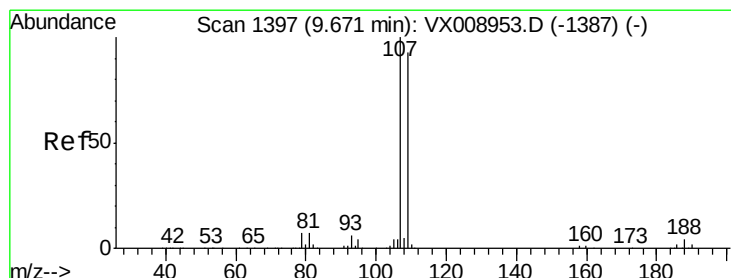
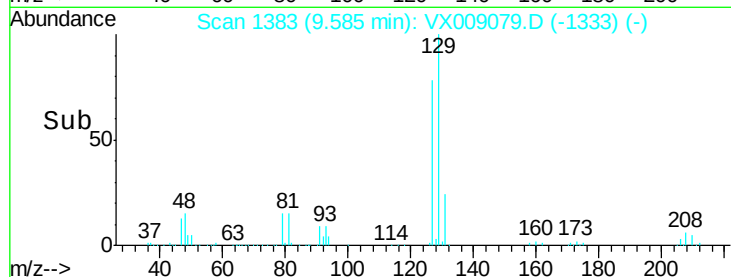
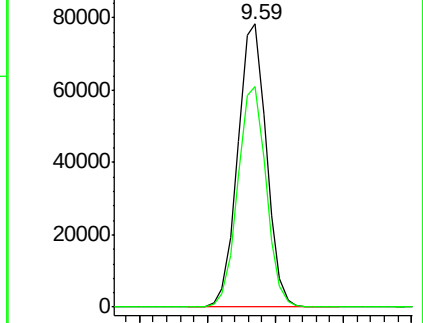
MMDadoda

4/22/2019 10:51:54 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.056 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009079.D

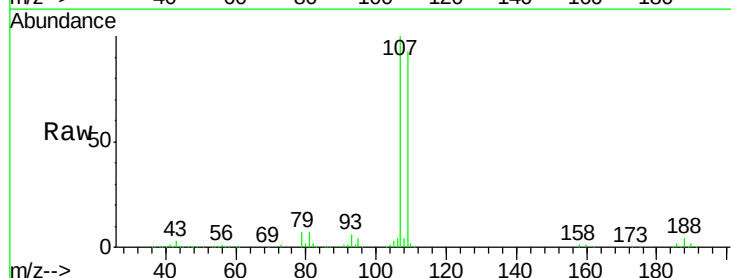
Acq: 19 Apr 2019 18:38

Tgt Ion:107 Resp: 120365

Ion Ratio Lower Upper

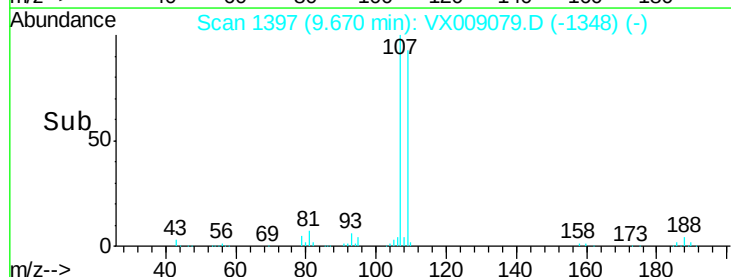
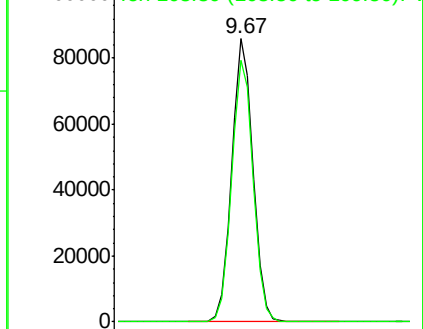
107 100

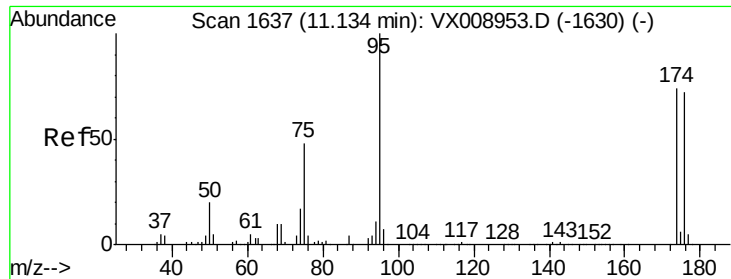
109 93.3 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.933 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

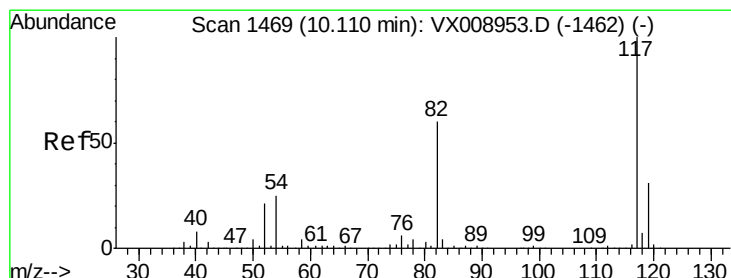
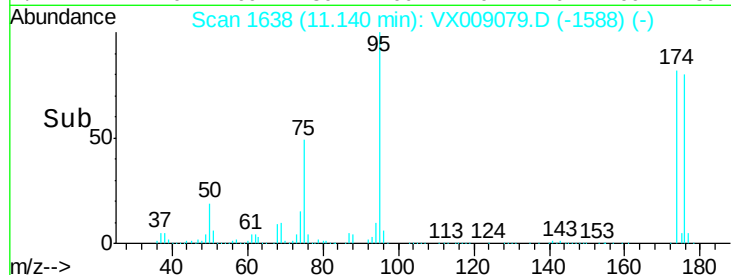
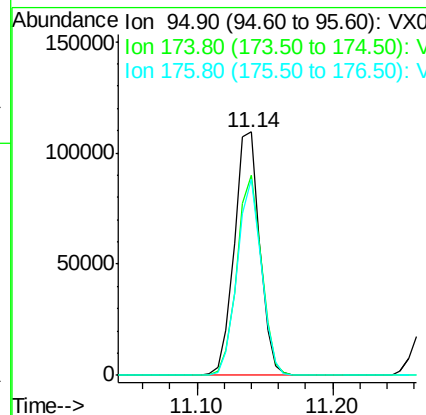
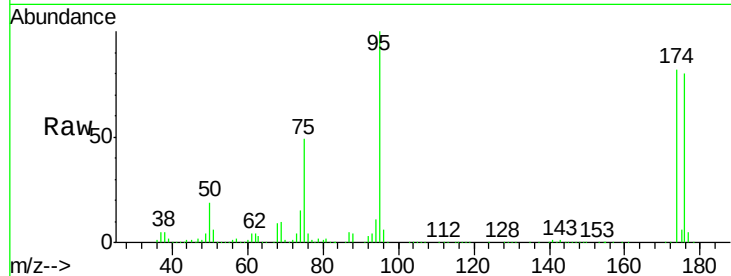
ClientSampleId :

GMW-7MSD

Tot Ion:	95	Resp:	142259
Ion Ratio	Lower	Upper	
95	100		
174	79.6	0.0	159.6
176	77.0	0.0	154.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

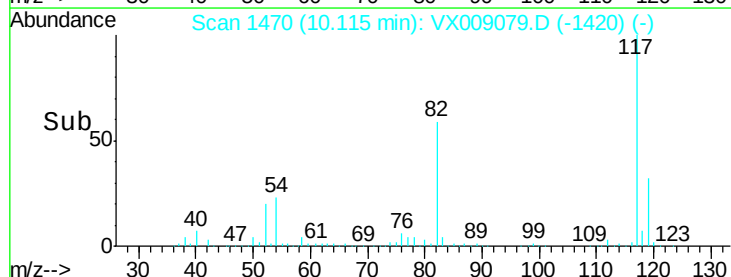
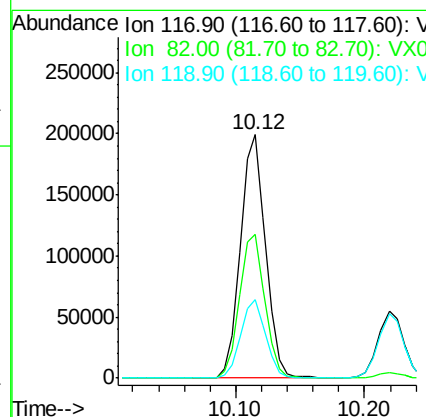
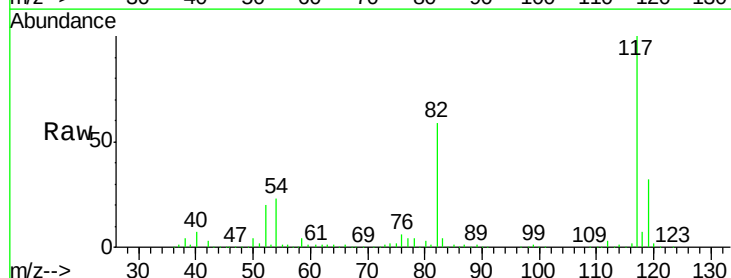
RT: 10.12 min Scan# 1470

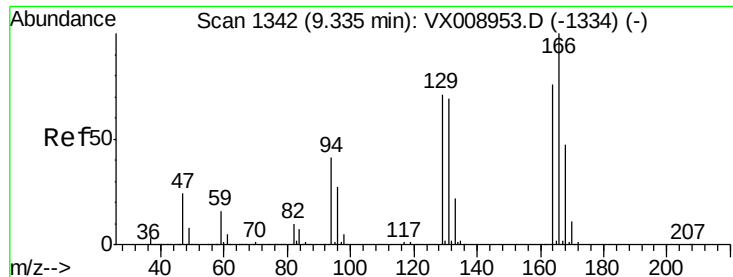
Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion:	117	Resp:	268967
Ion Ratio	Lower	Upper	
117	100		
82	58.8	48.2	72.4
119	32.3	25.0	37.6





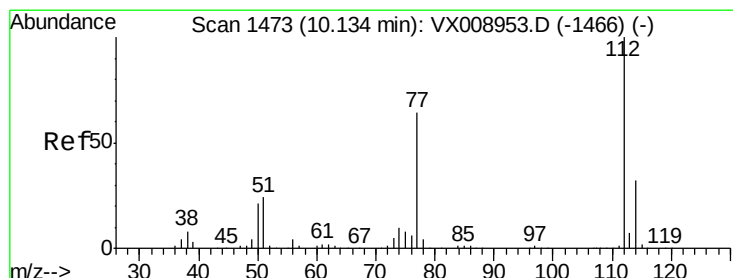
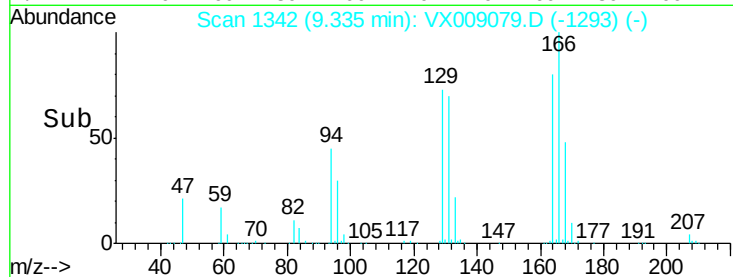
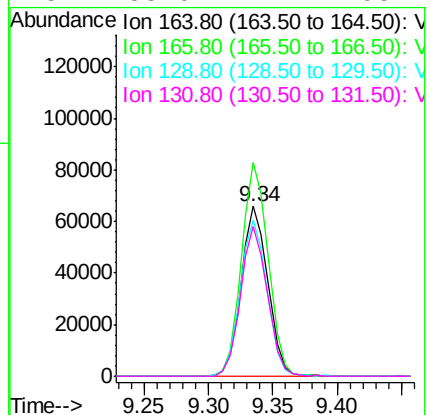
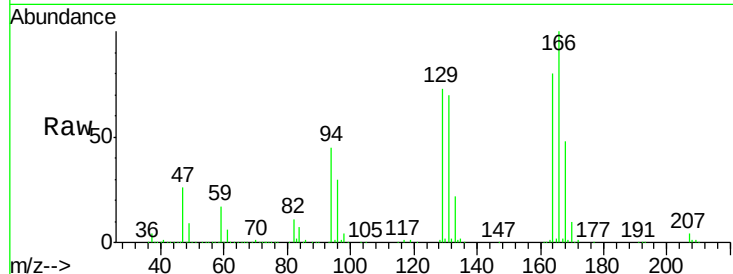
#64
 Tetrachloroethene
 Concen: 46.232 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion:	164	Resp:	94465
Ion	Ratio	Lower	Upper
164	100		
166	125.6	105.0	157.4
129	91.6	74.2	111.4
131	88.0	72.2	108.2

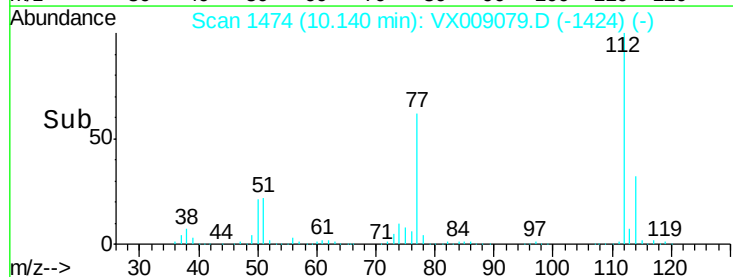
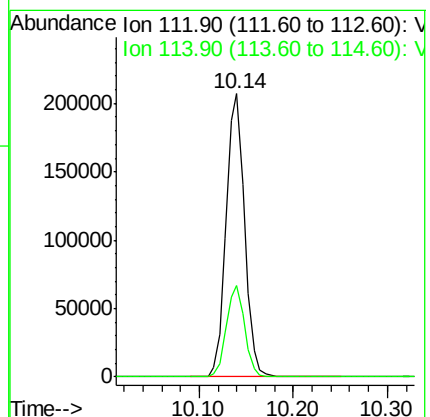
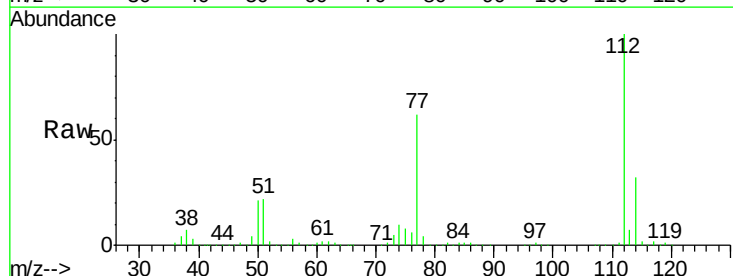
Manual Integrations
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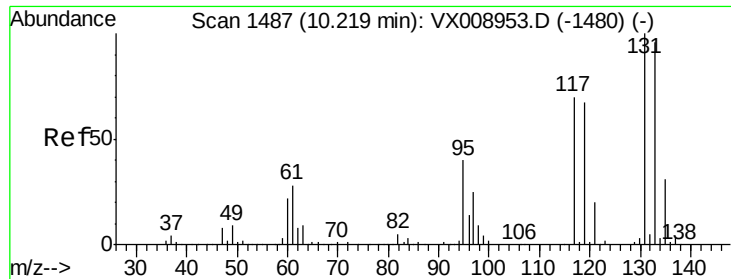
MMDadoda
 4/22/2019 10:51:54 AM



#65
 Chlorobenzene
 Concen: 49.519 ug/l
 RT: 10.14 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion:	112	Resp:	281131
Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.4	38.0





#66

1,1,1,2-Tetrachloroethane

Concen: 52.971 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

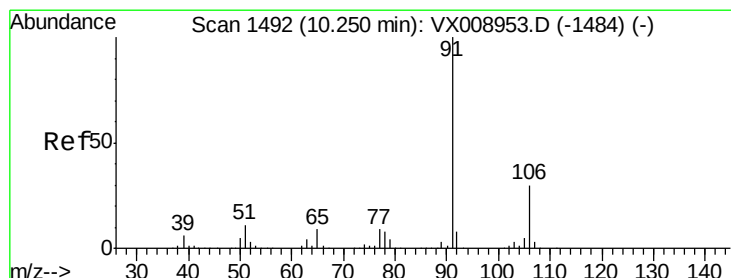
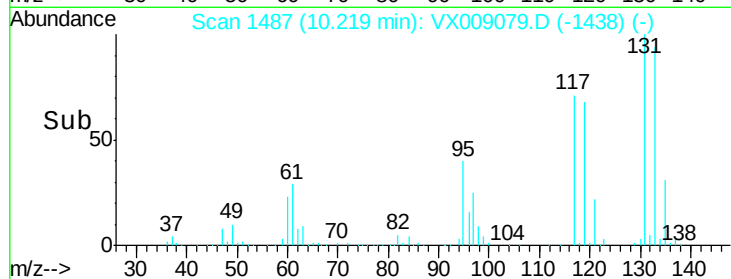
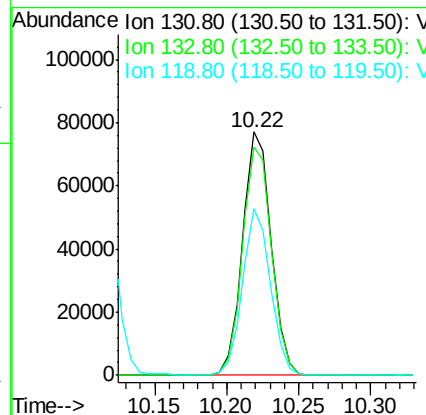
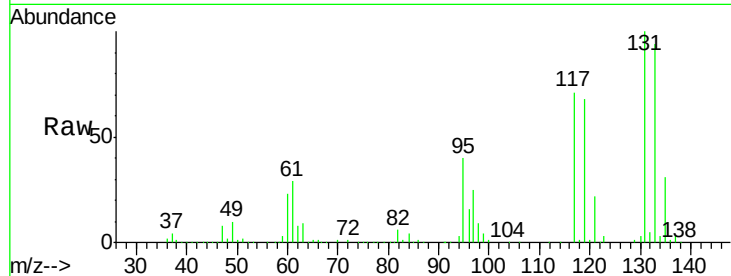
ClientSampleId :

GMW-7MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.0	144.2
119	67.1	33.7	101.1

Manual Integrations
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#67

Ethyl Benzene

Concen: 50.622 ug/l

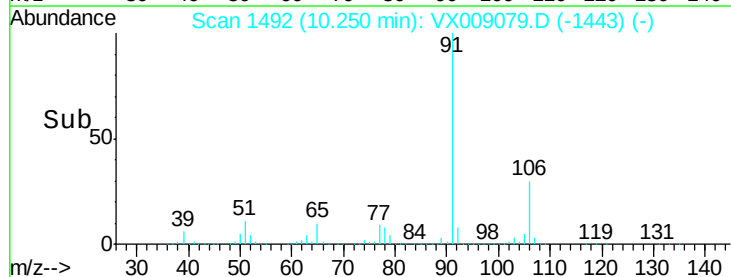
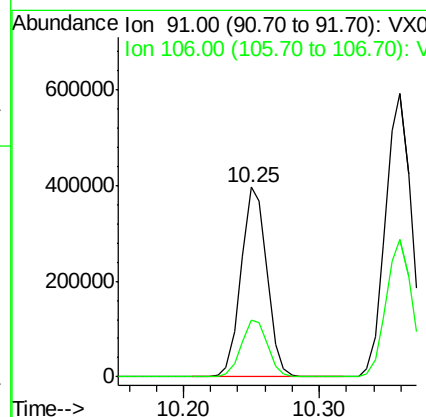
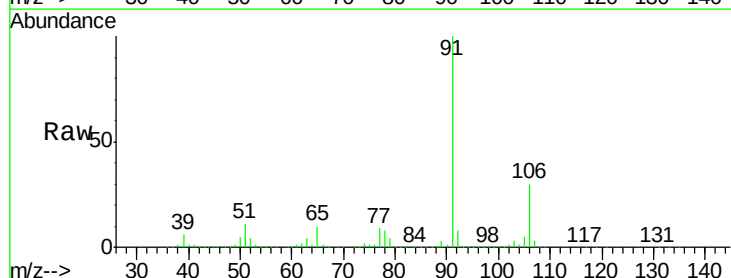
RT: 10.25 min Scan# 1492

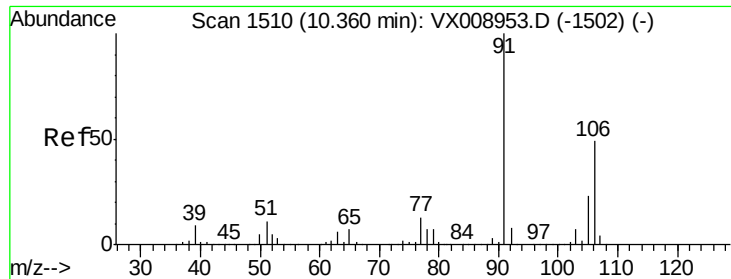
Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.3	36.5





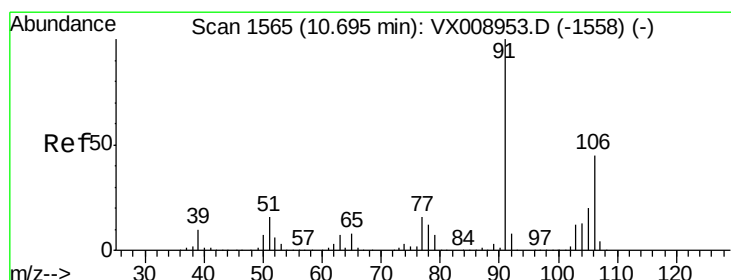
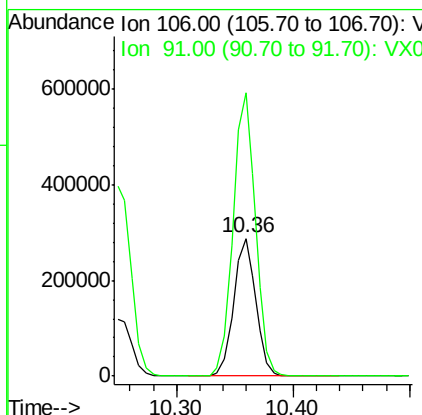
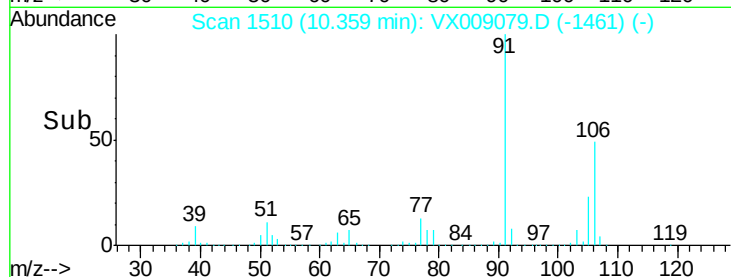
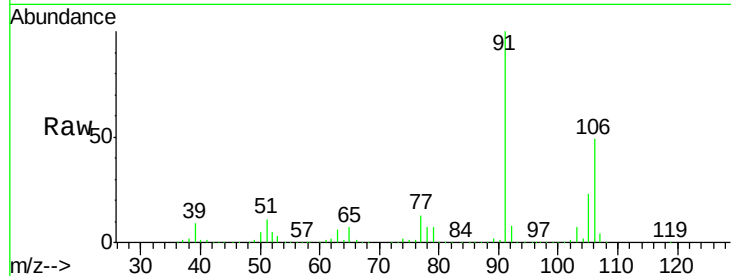
#68
m/p-Xylenes
Concen: 100.428 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion:106 Resp: 378778
Ion Ratio Lower Upper
106 100
91 208.7 165.4 248.2

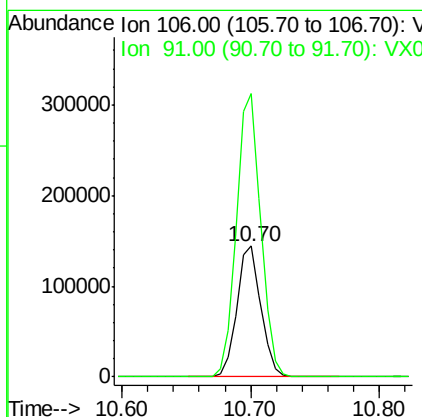
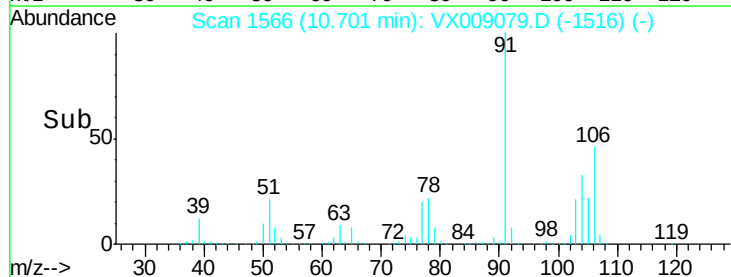
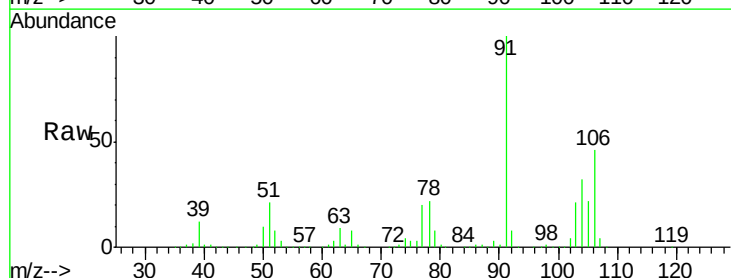
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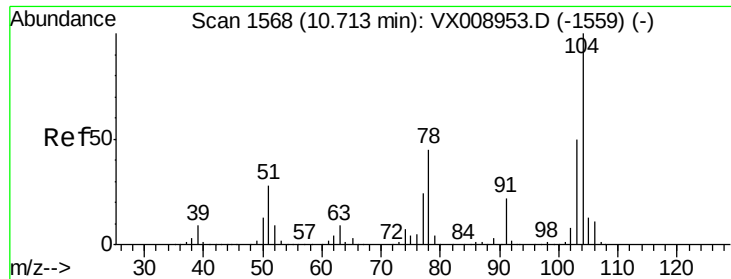
MMDadoda
4/22/2019 10:51:54 AM



#69
o-Xylene
Concen: 50.877 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion:106 Resp: 186712
Ion Ratio Lower Upper
106 100
91 219.2 108.9 326.7





#70

Stvrene

Concen: 50.177 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

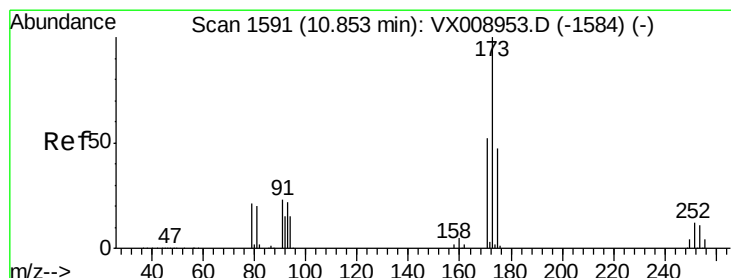
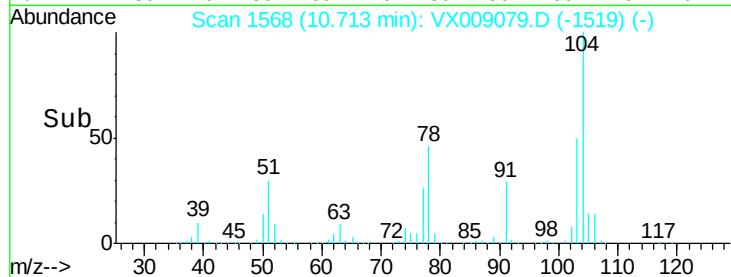
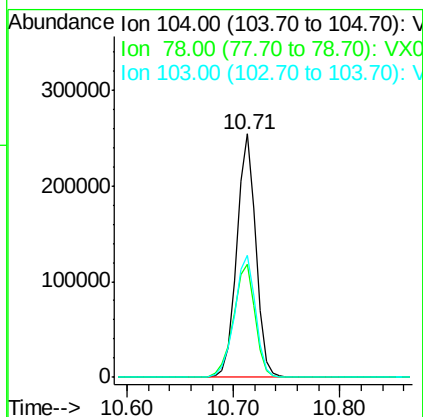
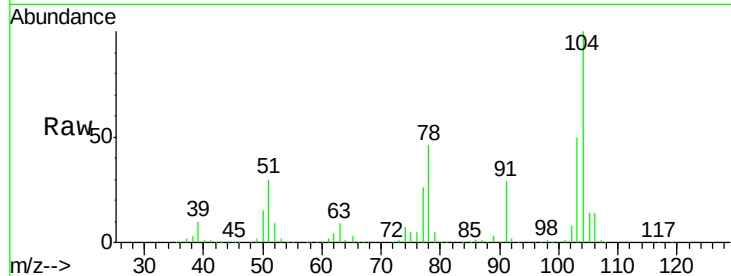
ClientSampleId :

GMW-7MSD

Tot Ion:	104	Resp:	319104
Ion Ratio	Lower	Upper	
104	100		
78	52.5	41.2	61.8
103	55.5	43.9	65.9

Manual Integrations
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#71

Bromoform

Concen: 52.762 ug/l

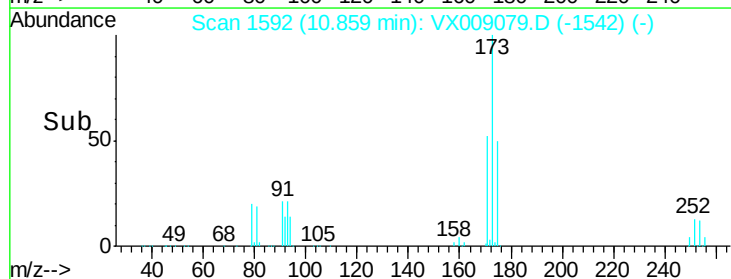
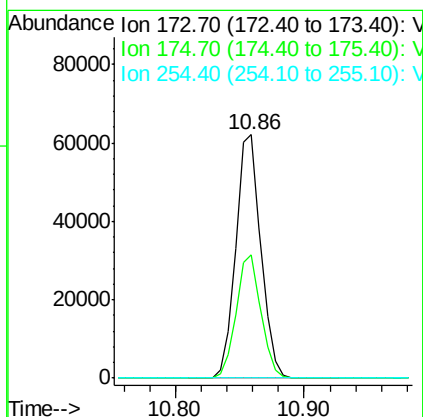
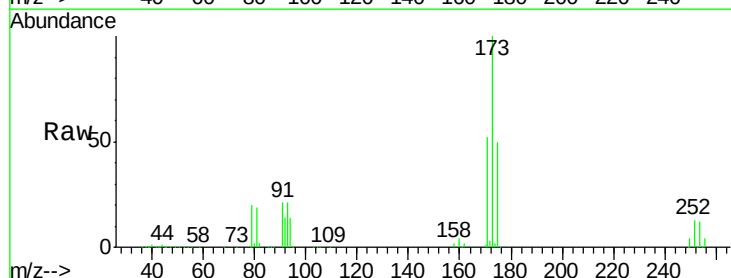
RT: 10.86 min Scan# 1592

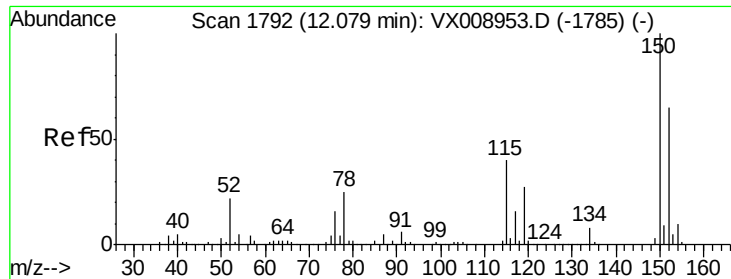
Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion:	173	Resp:	84068
Ion Ratio	Lower	Upper	
173	100		
175	50.0	23.9	71.8
254	0.2	0.2	0.4#





#72

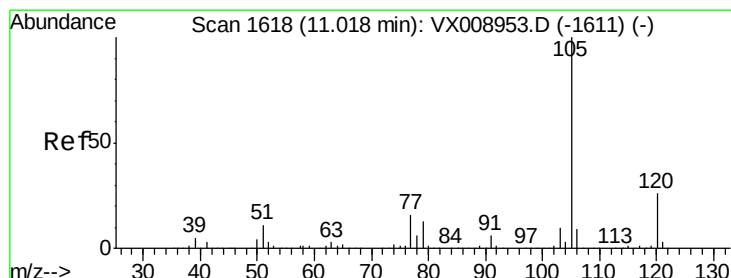
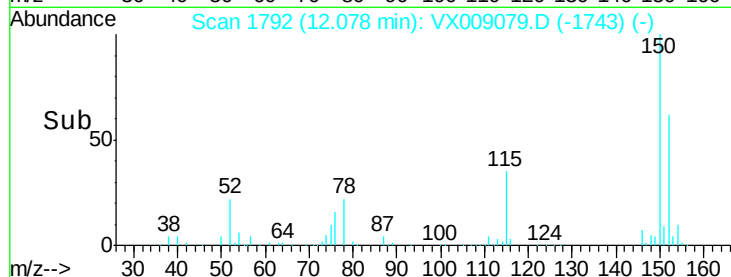
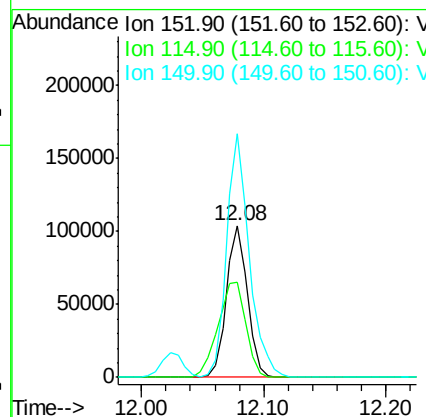
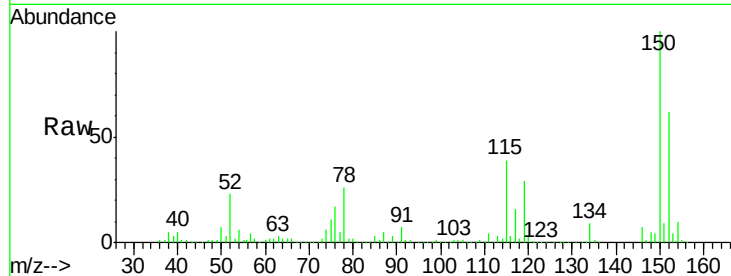
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	122893		
115	84.2	41.4	124.2	
150	173.9	0.0	349.8	

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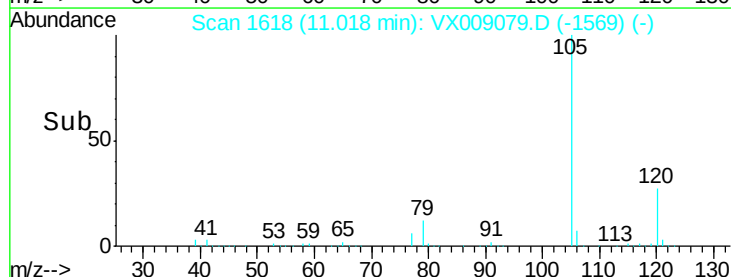
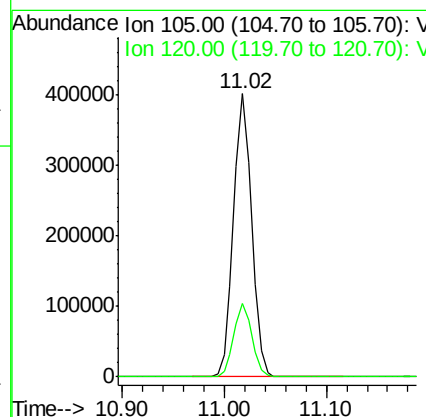
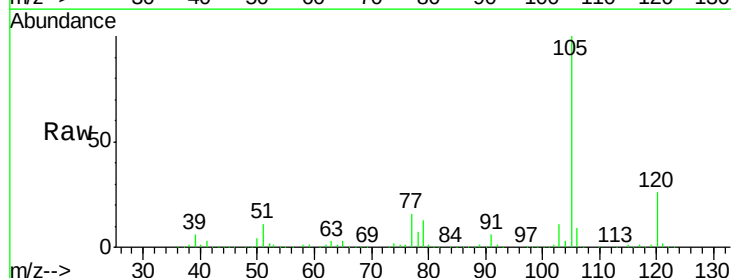
MMDadoda
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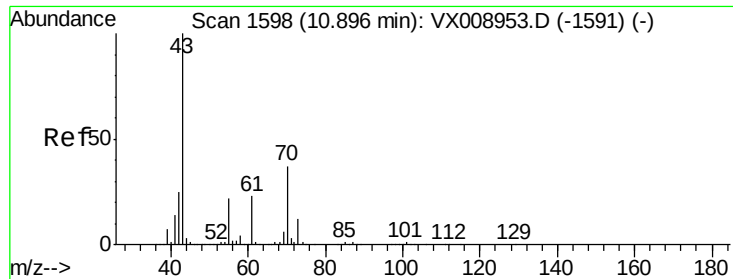


#73

Isopropylbenzene
Concen: 52.902 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	492792		
120	25.8	12.9	38.7	





#74

N-amvl acetate

Concen: 52.175 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

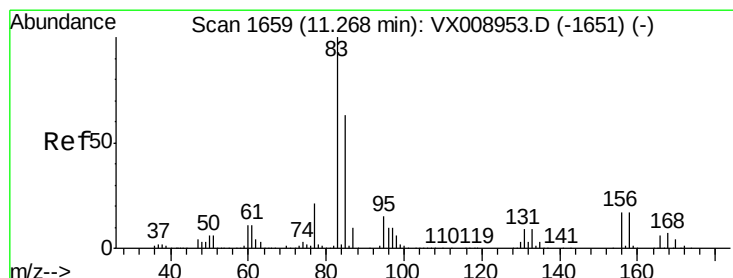
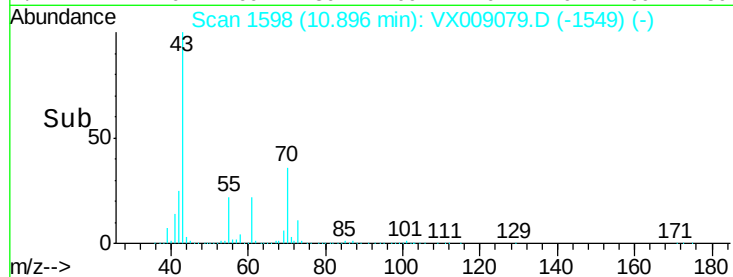
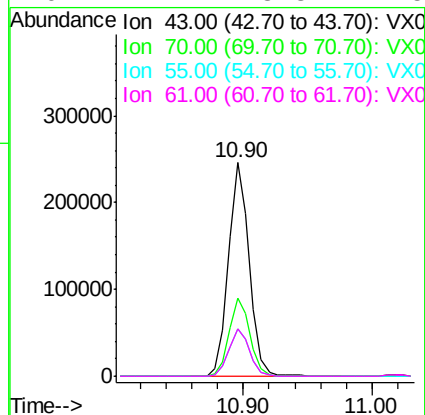
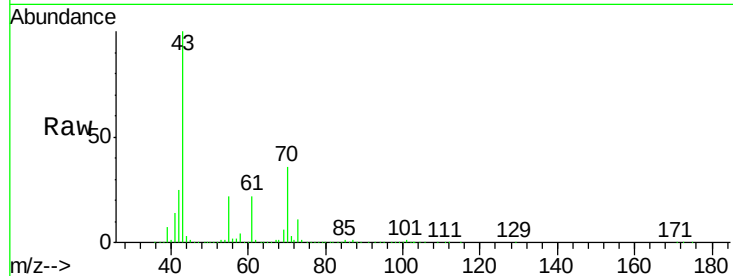
ClientSampleId :

GMW-7MSD

Tot Ion:	43	Resp:	279063
Ion	Ratio	Lower	Upper
43	100		
70	37.0	29.9	44.9
55	22.4	17.8	26.8
61	22.4	18.3	27.5

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 56.321 ug/l

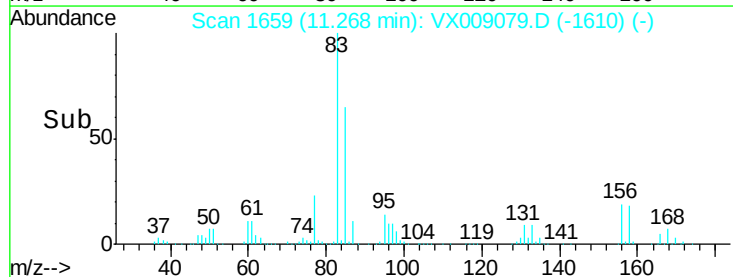
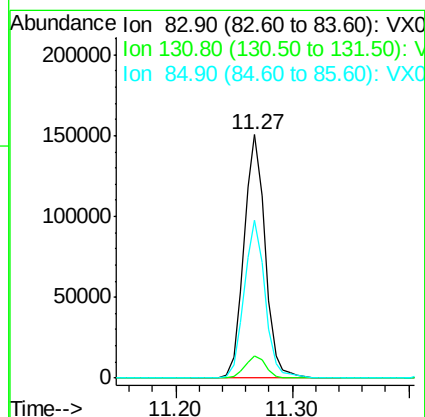
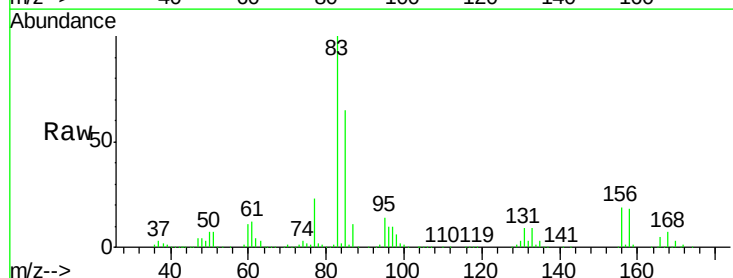
RT: 11.27 min Scan# 1659

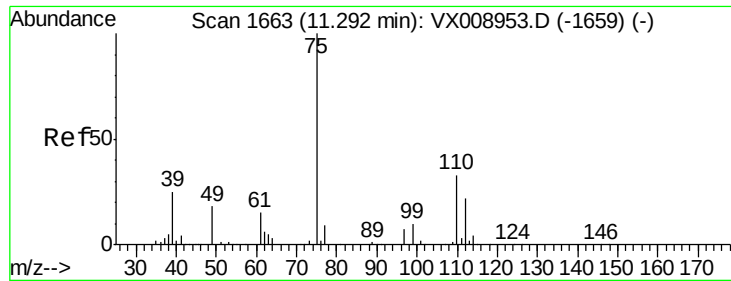
Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion:	83	Resp:	191691
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.7	14.0
85	64.2	31.9	95.9





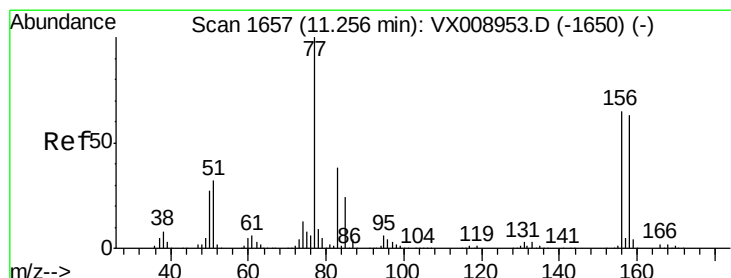
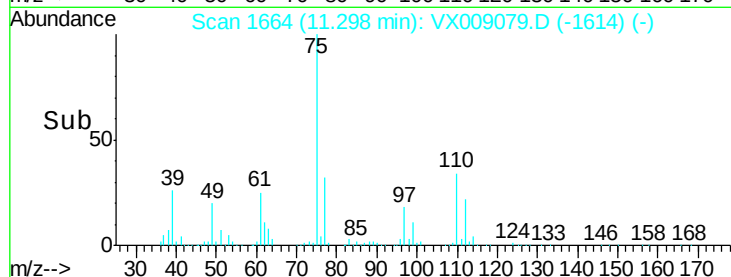
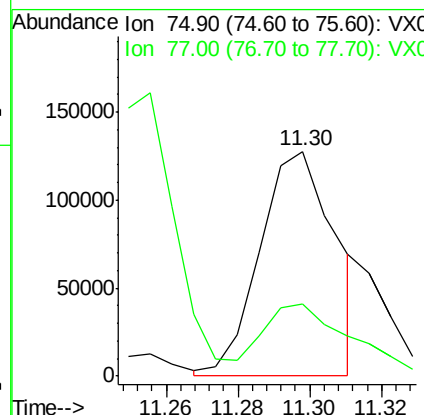
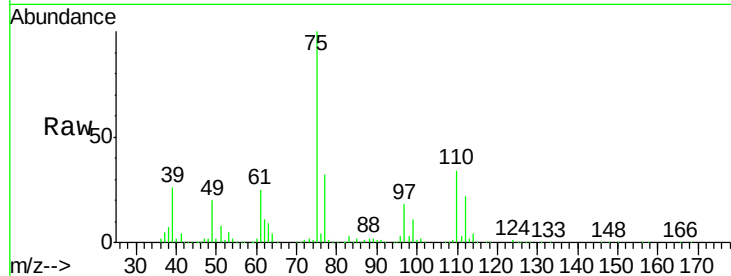
#76
 1,2,3-Trichloropropane
 Concen: 61.900 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion: 75 Resp: 185750
 Ion Ratio Lower Upper
 75 100
 77 37.3 22.7 68.0

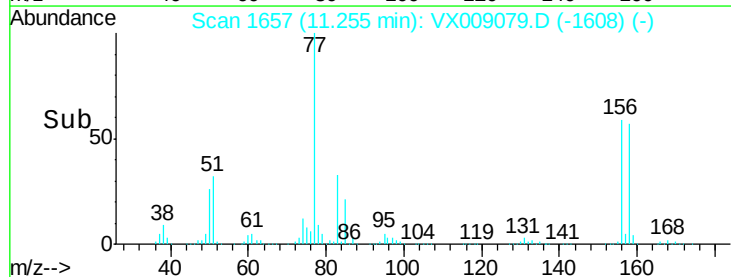
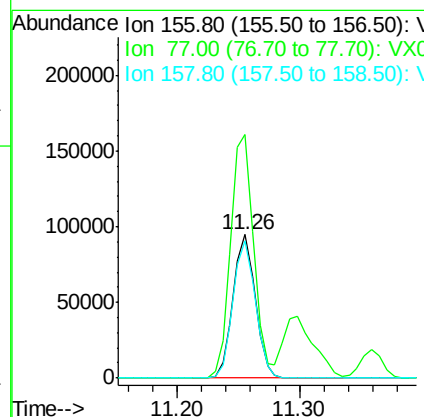
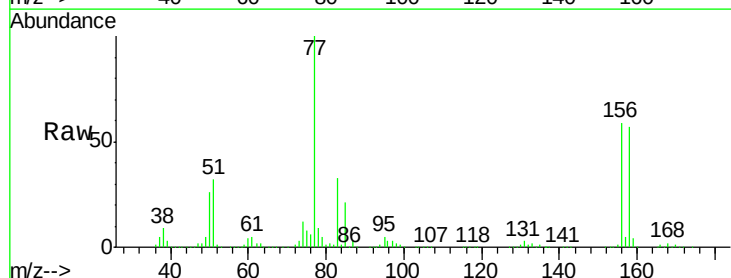
Manual Integrations
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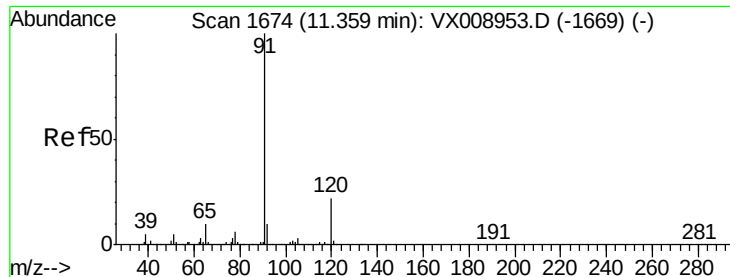
MMDadoda
 4/22/2019 10:51:54 AM



#77
 Bromobenzene
 Concen: 50.644 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 156 Resp: 119028
 Ion Ratio Lower Upper
 156 100
 77 177.0 85.4 256.1
 158 96.4 48.8 146.4





#78

n-propylbenzene

Concen: 52.574 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

Tot Ion: 91 Resp: 562108

Ion Ratio Lower Upper

91 100

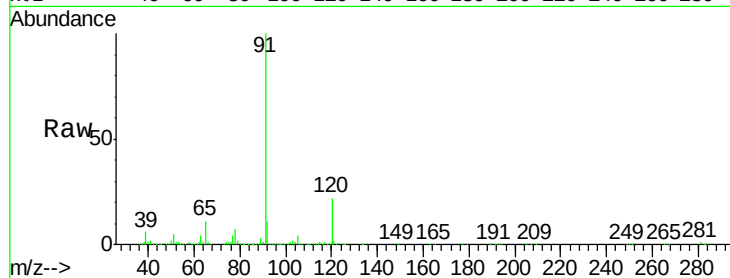
120 22.0 10.9 32.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

500000

400000

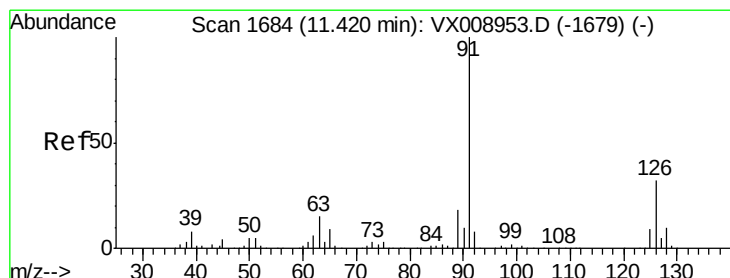
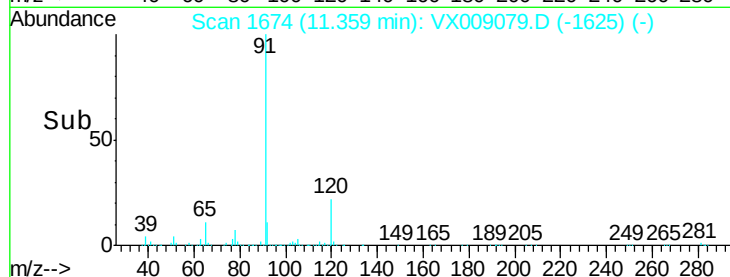
300000

200000

100000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 51.767 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009079.D

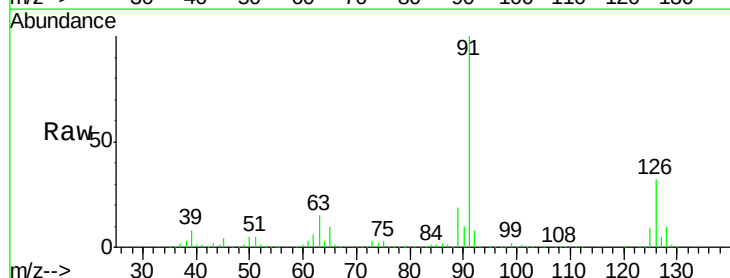
Acq: 19 Apr 2019 18:38

Tgt Ion: 91 Resp: 333525

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

500000

400000

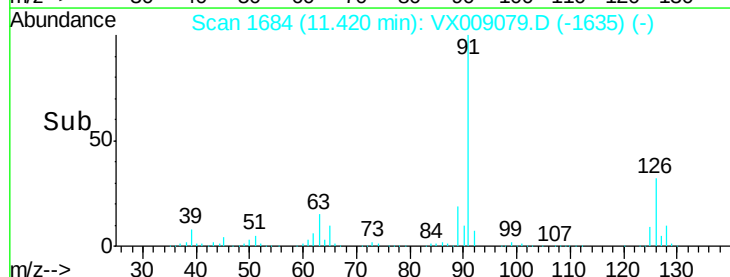
300000

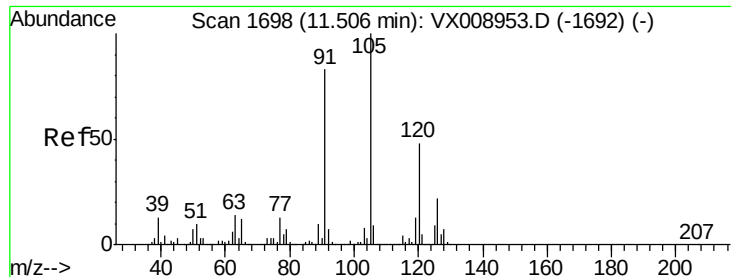
200000

100000

0

Time--> 11.40 11.45





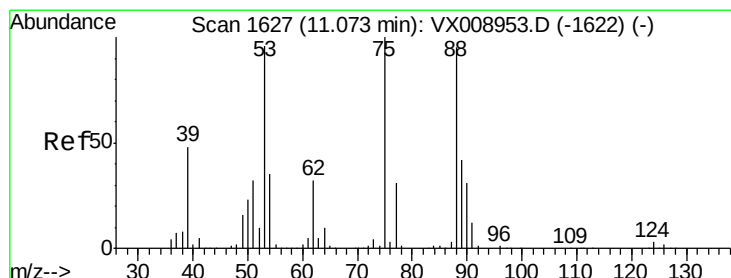
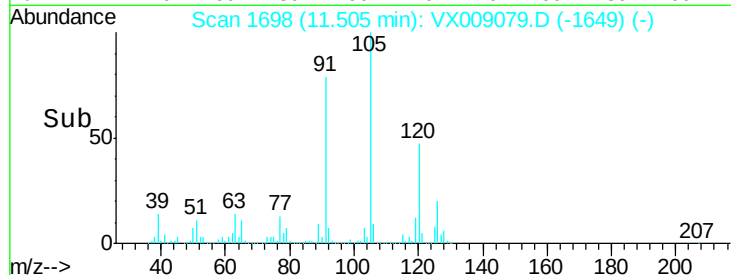
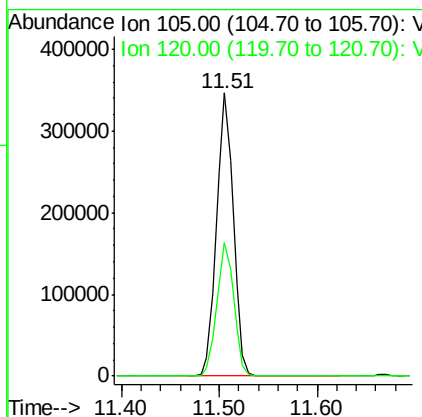
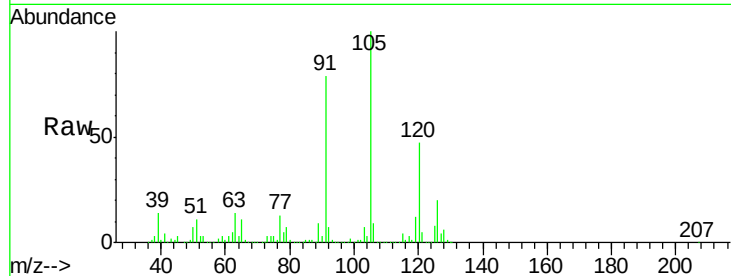
#80
 1,3,5-Trimethylbenzene
 Concen: 52.904 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion:105 Resp: 413541
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.3

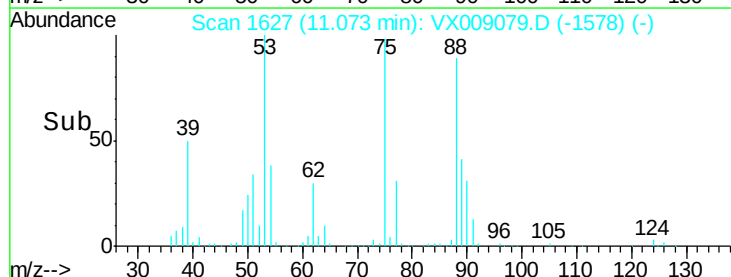
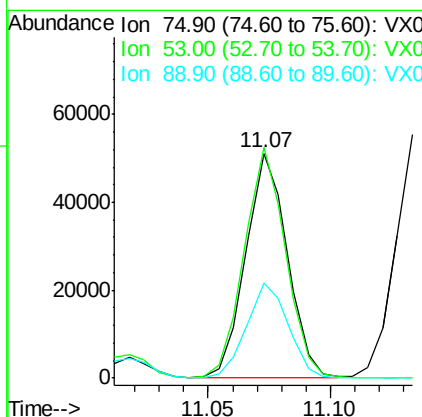
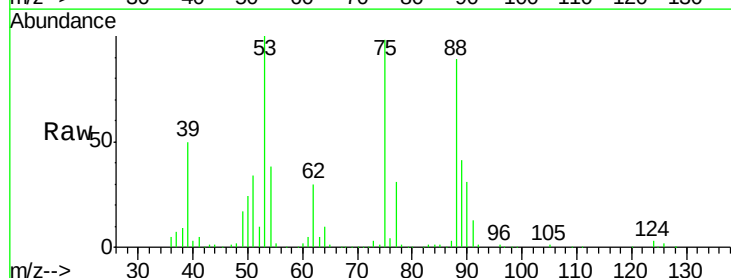
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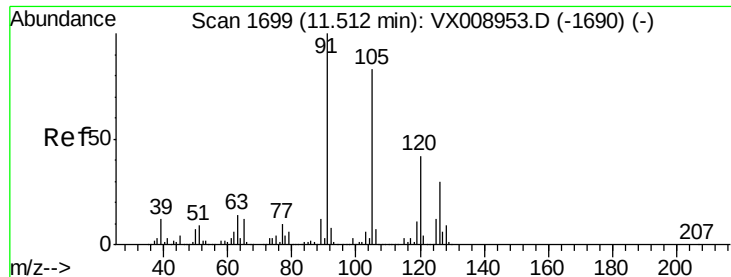
MMDadoda
 4/22/2019 10:51:54 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.444 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 75 Resp: 60131
 Ion Ratio Lower Upper
 75 100
 53 102.2 78.2 117.4
 89 42.9 36.0 54.0





#82

4-Chlorotoluene

Concen: 51.031 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

Tot Ion: 91 Resp: 381846

Ion Ratio Lower Upper

91 100

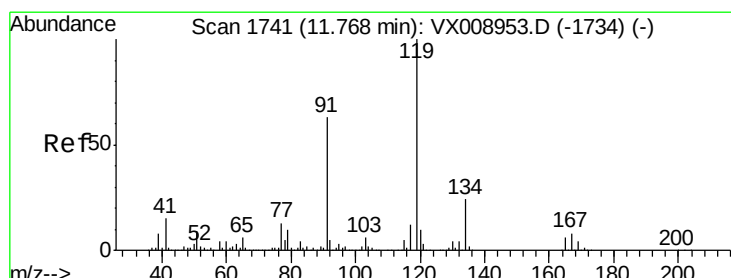
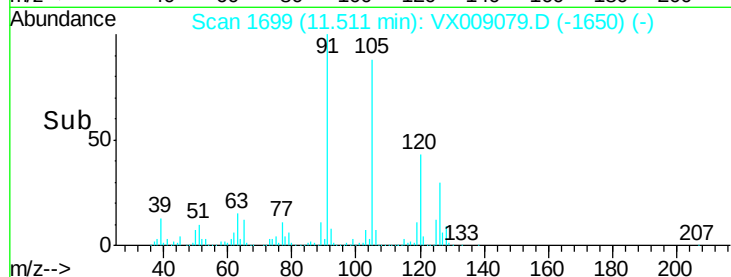
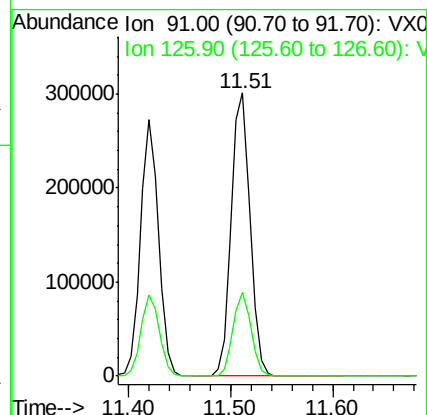
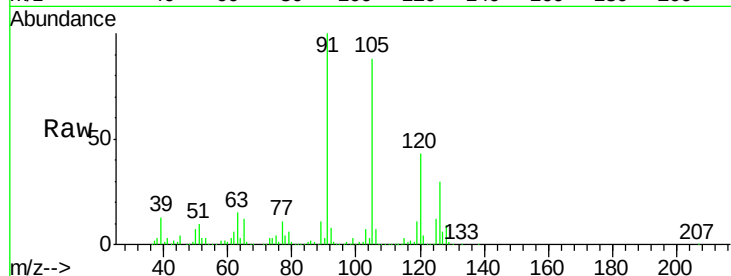
126 28.7 14.3 42.9

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#83

tert-Butylbenzene

Concen: 54.452 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

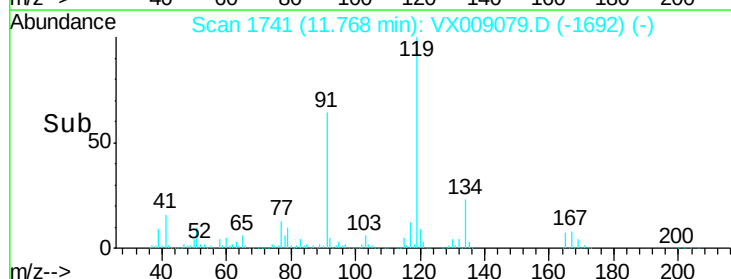
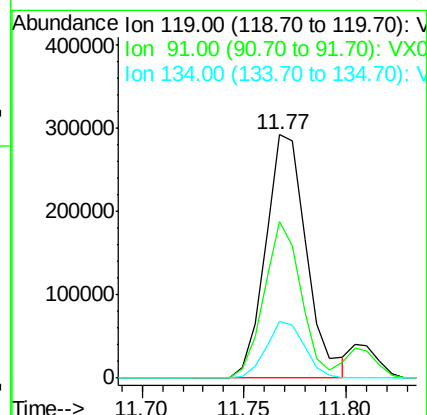
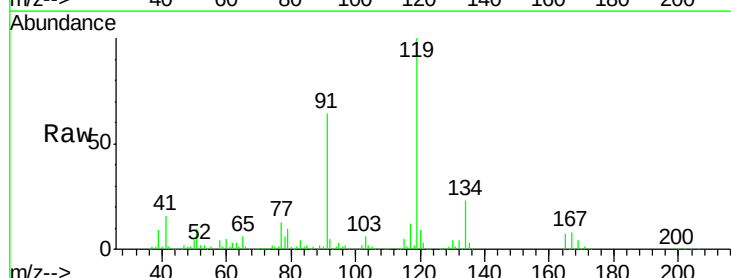
Tgt Ion: 119 Resp: 408653

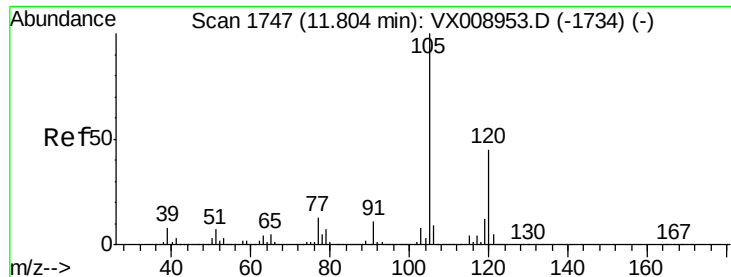
Ion Ratio Lower Upper

119 100

91 57.9 29.7 89.1

134 21.8 11.2 33.5





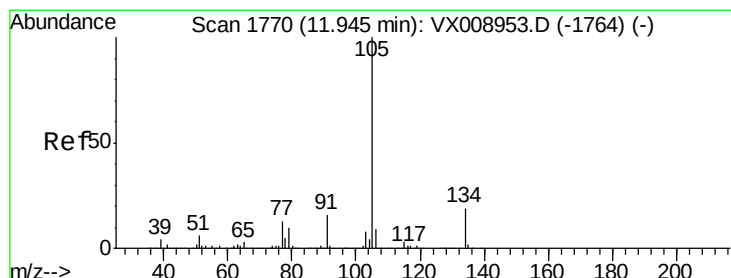
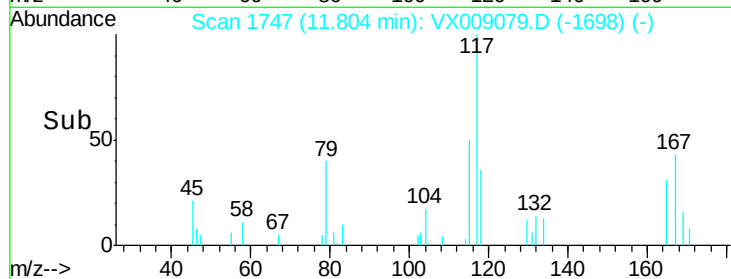
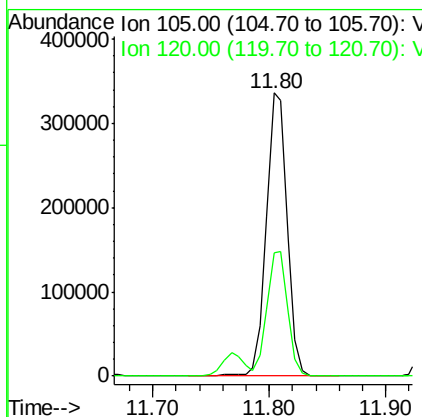
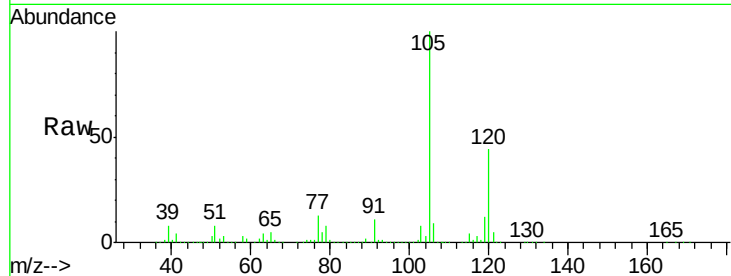
#84
 1,2,4-Trimethylbenzene
 Concen: 52.593 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
105	100	418476		
120	43.7	21.9	65.8	

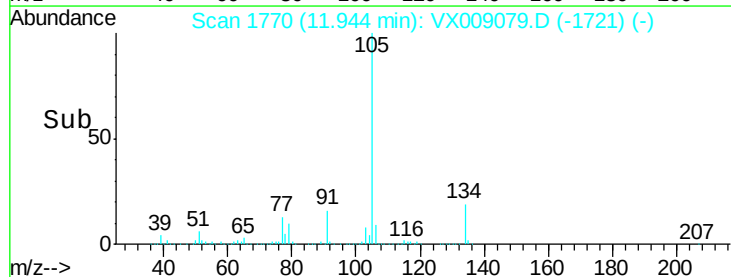
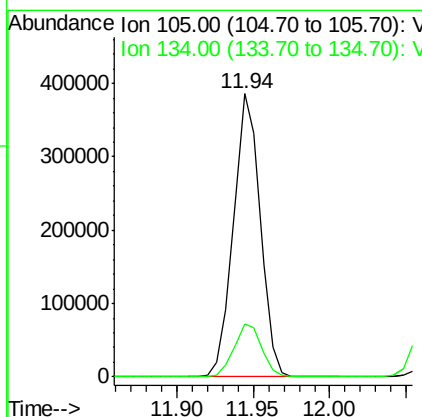
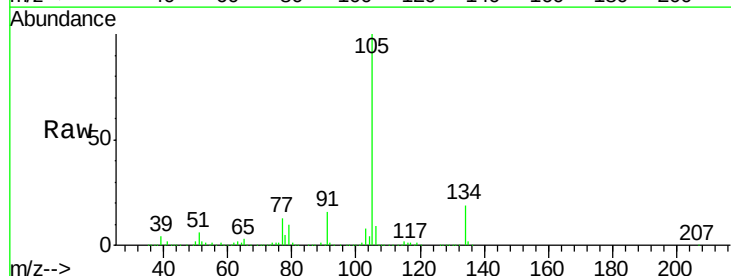
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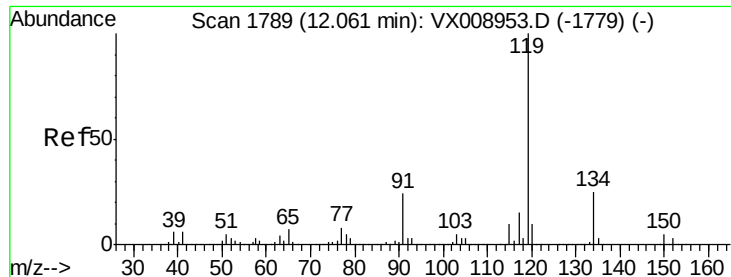
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#85
 sec-Butylbenzene
 Concen: 52.243 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	467614		
134	19.2	9.6	28.6	





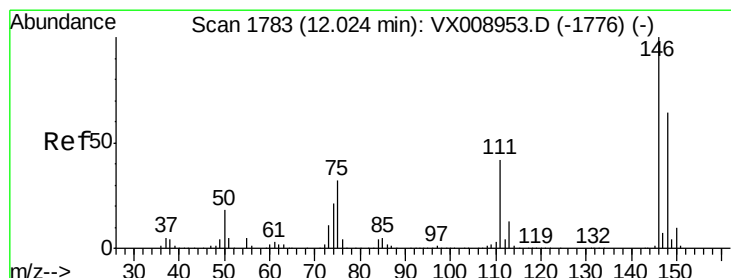
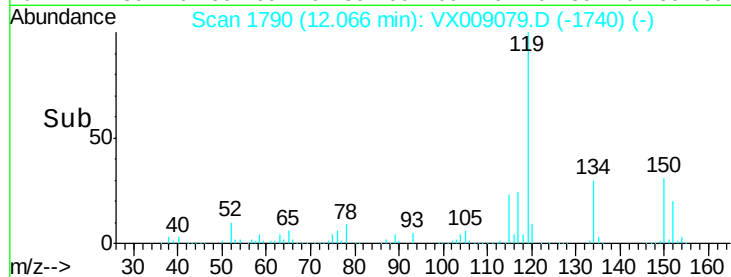
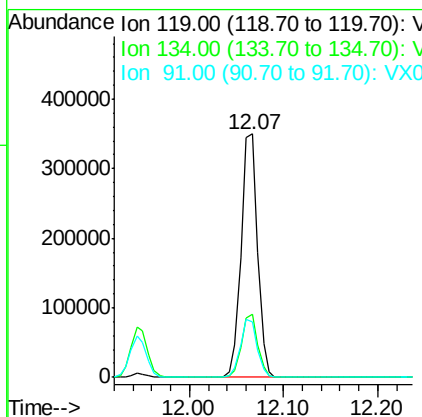
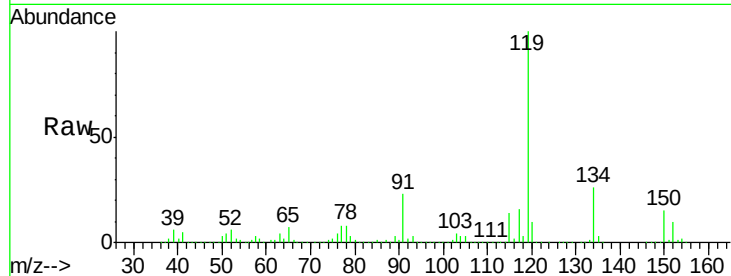
#86
 p-Isopropyltoluene
 Concen: 51.626 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	424845		
134	25.6	12.9	38.6	
91	23.9	11.9	35.5	

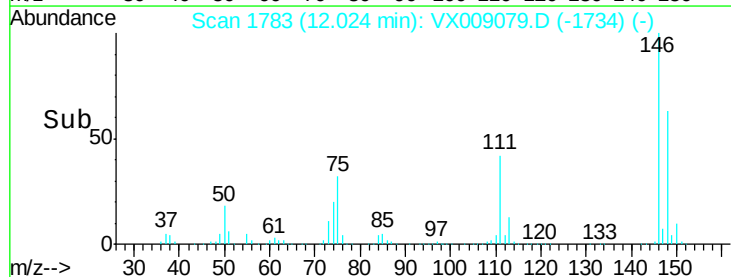
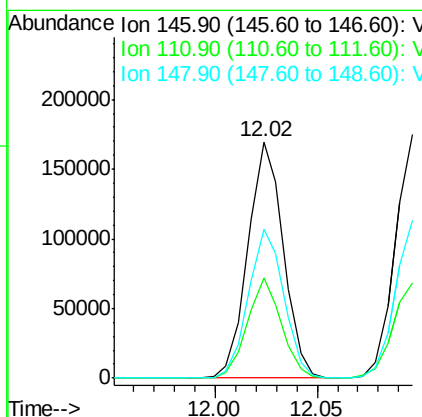
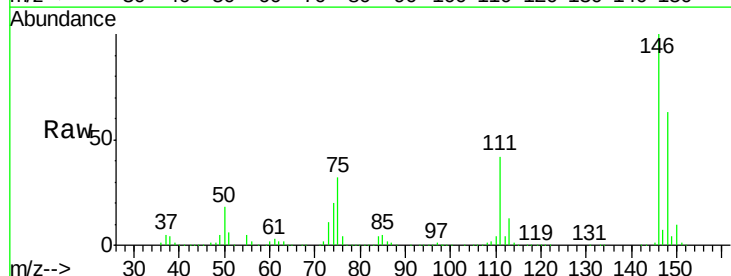
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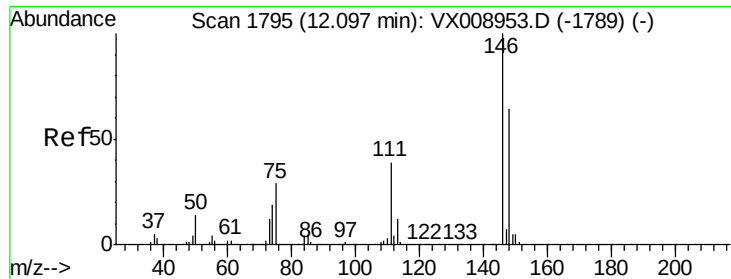
MMDadoda
 4/22/2019 10:51:54 AM



#87
 1,3-Dichlorobenzene
 Concen: 49.723 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	204539		
111	40.8	20.5	61.6	
148	63.3	32.2	96.6	





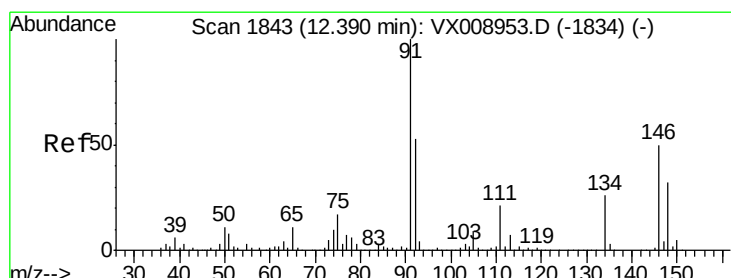
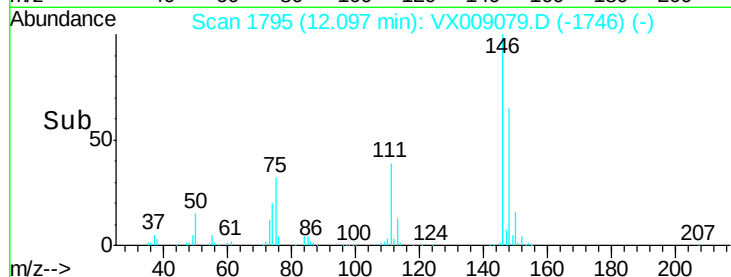
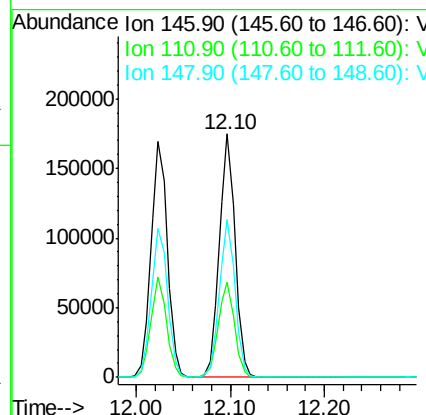
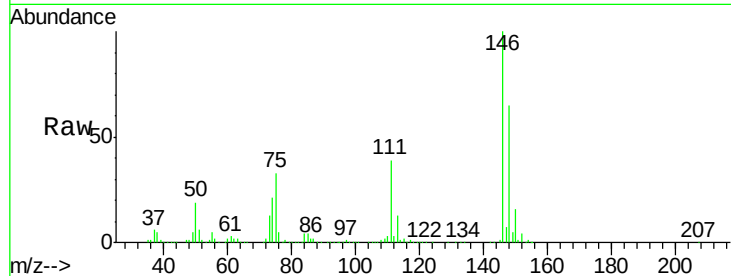
#88
 1,4-Dichlorobenzene
 Concen: 48.738 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	64.4	32.2	96.6

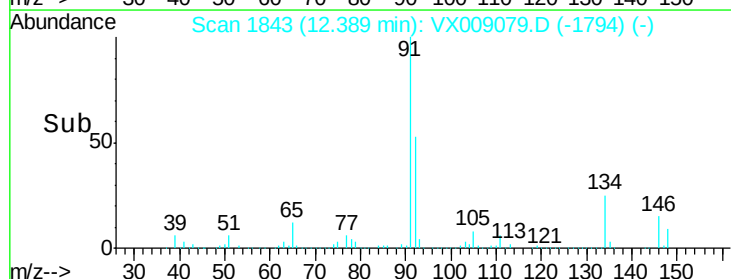
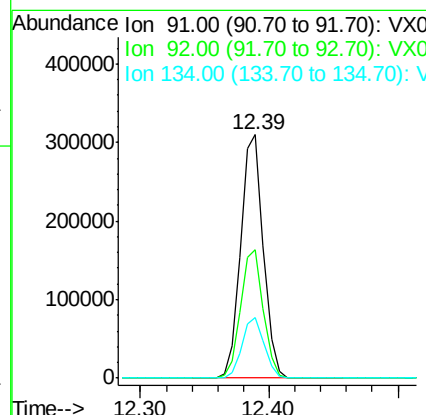
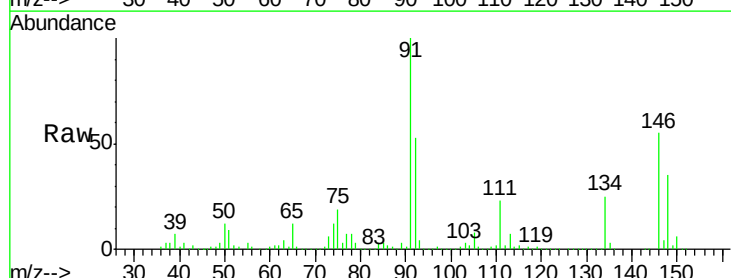
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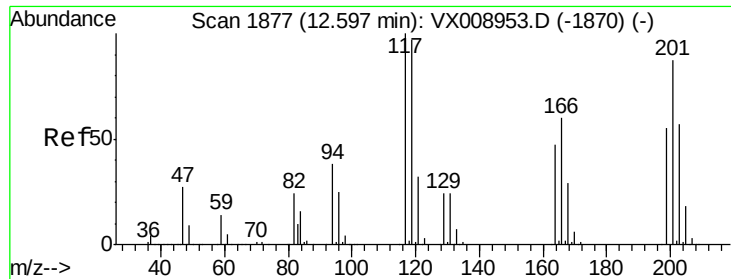
MMDadoda
 4/22/2019 10:51:54 AM



#89
 n-Butylbenzene
 Concen: 49.267 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.8
134	24.5	12.4	37.2





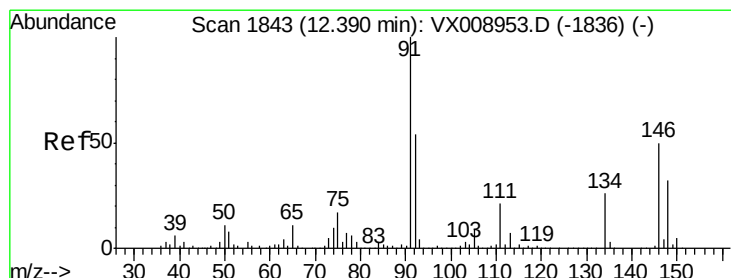
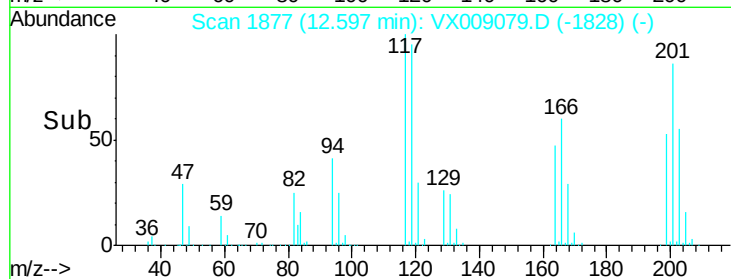
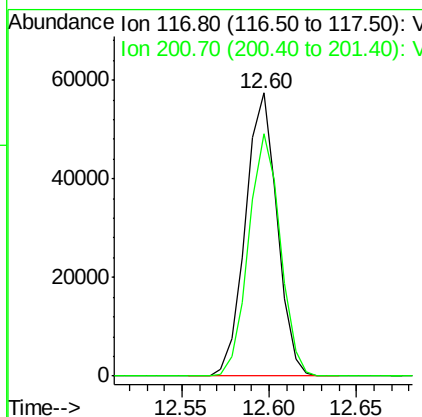
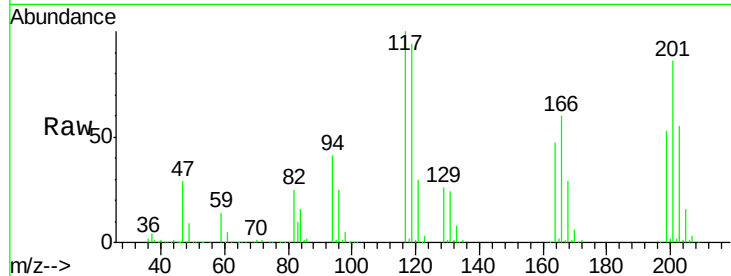
#90
Hexachloroethane
Concen: 53.188 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion:117 Resp: 72200
Ion Ratio Lower Upper
117 100
201 85.7 43.0 129.0

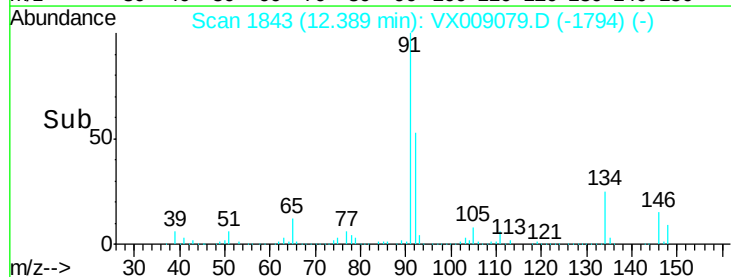
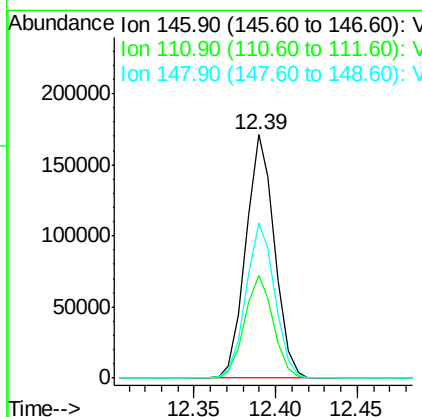
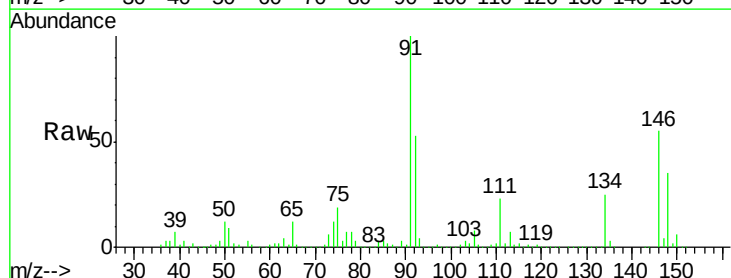
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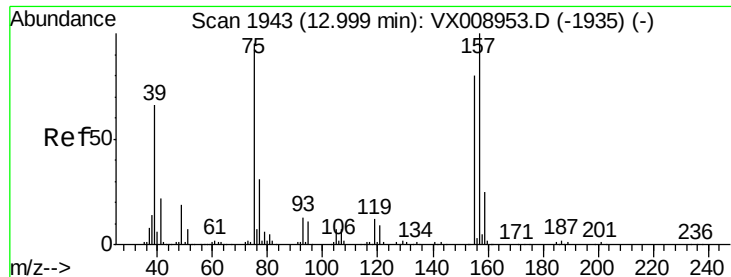
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 51.736 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion:146 Resp: 210151
Ion Ratio Lower Upper
146 100
111 42.2 20.6 61.9
148 63.8 32.0 96.2





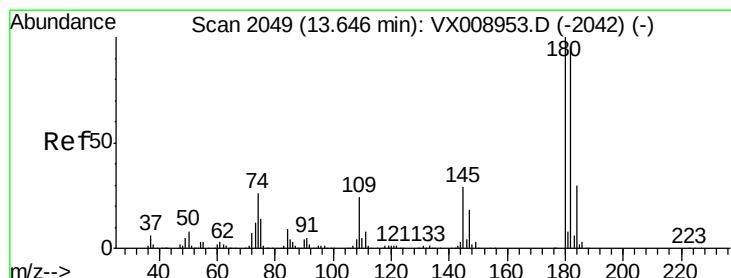
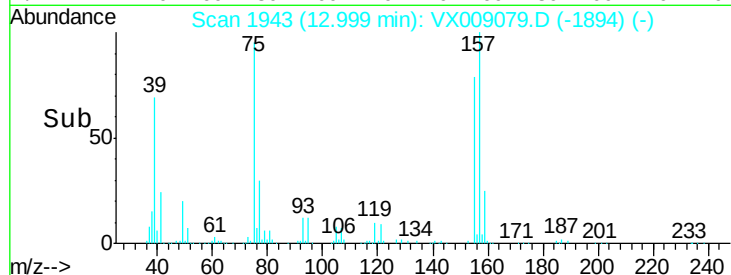
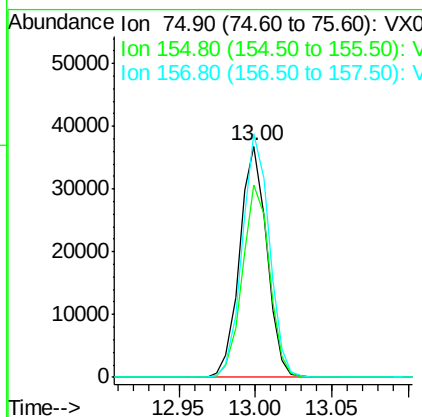
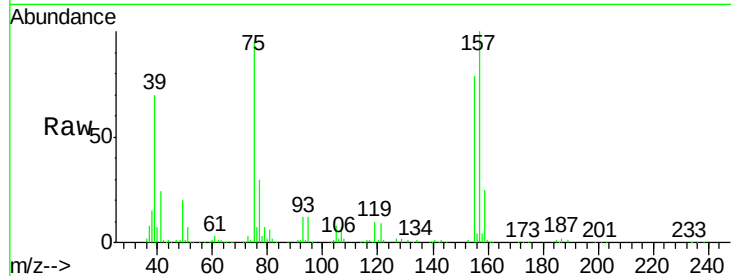
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.388 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	82.9	41.2	123.6
157	105.0	52.5	157.6

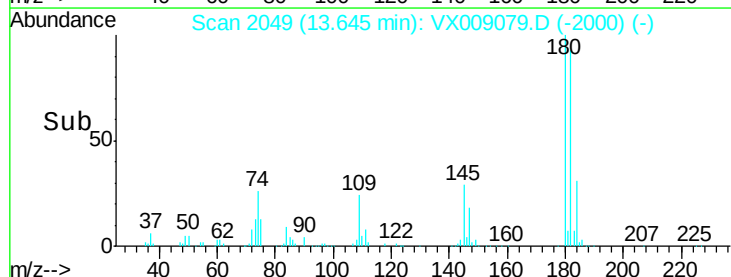
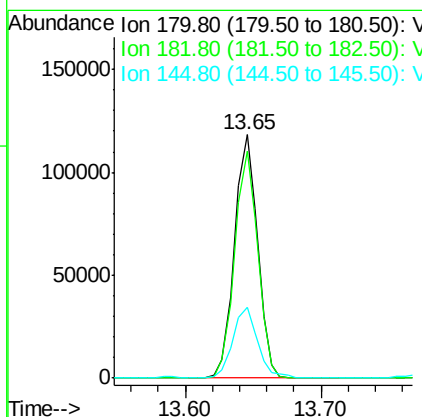
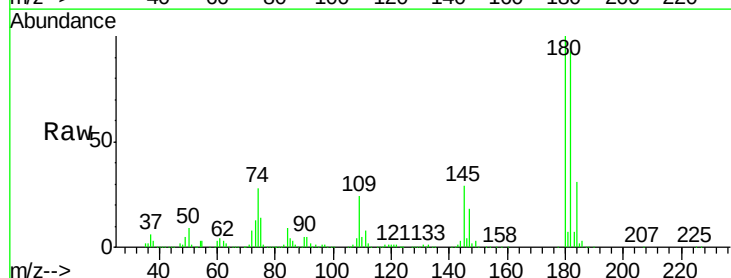
Manual Integrations
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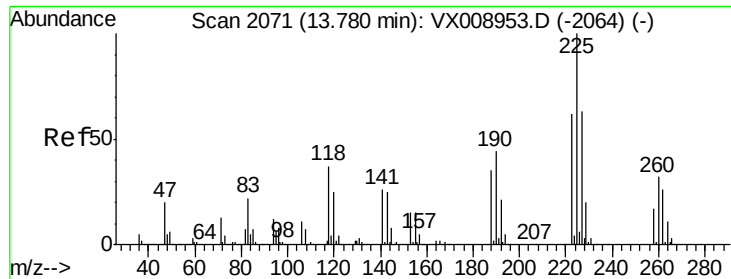
MMDadoda
 4/22/2019 10:51:54 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 47.664 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.6	142.9
145	31.3	14.8	44.4





#94

Hexachlorobutadiene

Concen: 46.362 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

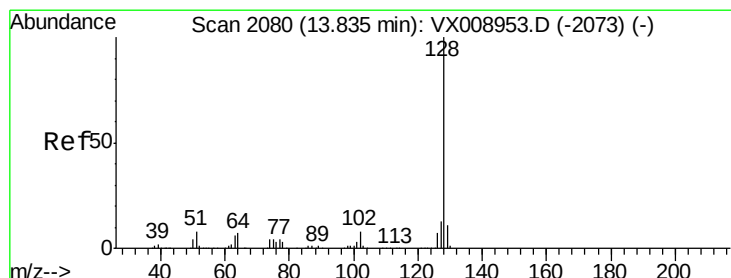
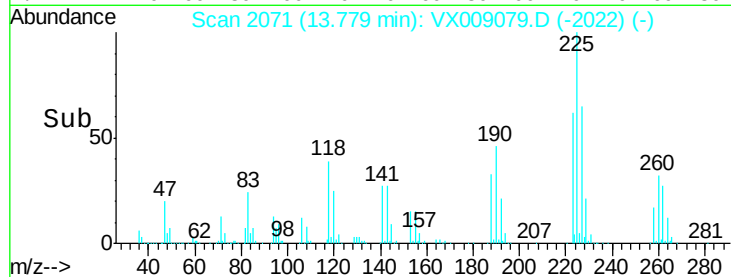
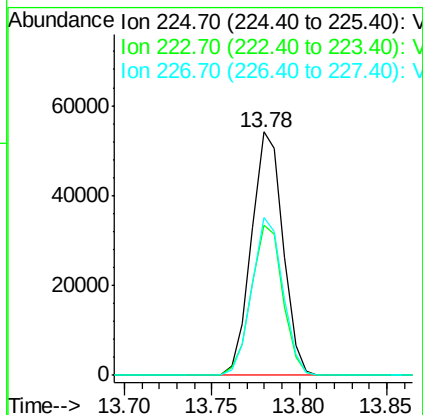
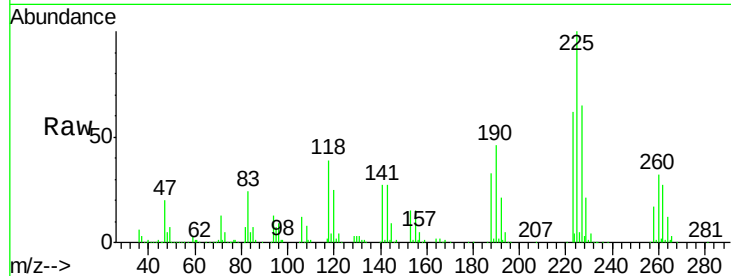
ClientSampleId :

GMW-7MSD

Tot Ion:	225	Resp:	67801
Ion Ratio	Lower	Upper	
225	100		
223	61.4	31.1	93.2
227	63.6	32.0	96.2

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#95

Naphthalene

Concen: 52.048 ug/l

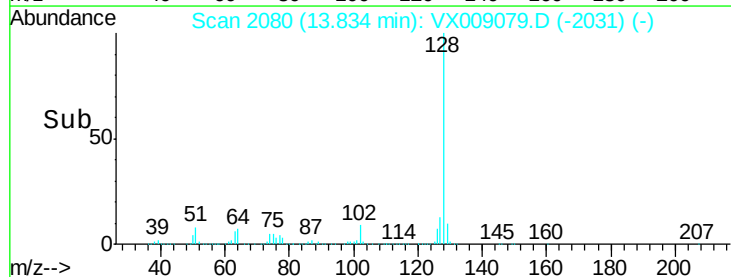
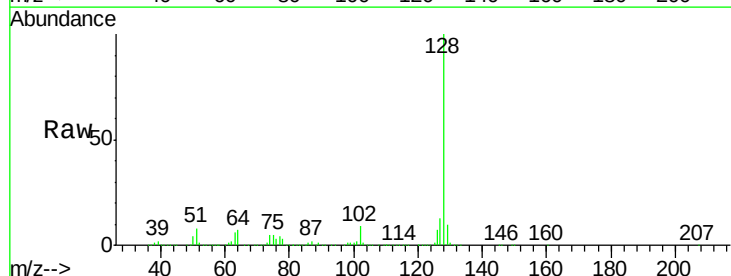
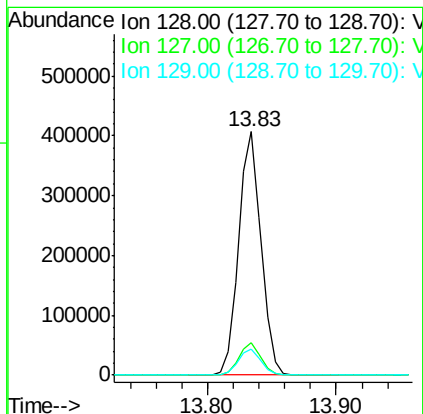
RT: 13.83 min Scan# 2080

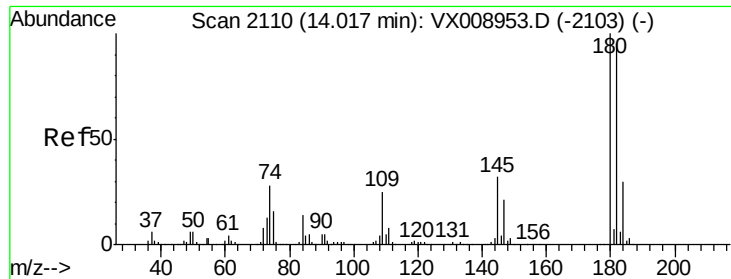
Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion:	128	Resp:	488948
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 49.764 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	143973		
182	95.2		47.8	143.4
145	32.4		15.8	47.3

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:51:54 AM

