

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051619\
 Data File : VX009646.D
 Acq On : 17 May 2019 07:10
 Operator : JC/SP
 Sample : K2887-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MSD

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 1:21:09 PM

Quant Time: May 17 08:11:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	155044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106543	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	5.50	113	78566	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	309362	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
62) 4-Bromofluorobenzene	11.13	95	117568	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58335	40.829	ug/l	100
3) Chloromethane	1.32	50	91717	47.019	ug/l	99
4) Vinyl Chloride	1.41	62	92396	48.576	ug/l	100
5) Bromomethane	1.64	94	57421	50.296	ug/l	94
6) Chloroethane	1.72	64	59887	49.039	ug/l	100
7) Trichlorofluoromethane	1.93	101	116415	50.350	ug/l	100
8) Diethyl Ether	2.19	74	56593	51.674	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67499	46.489	ug/l	98
10) Methyl Iodide	2.51	142	92304	54.282	ug/l	99
11) Tert butyl alcohol	3.05	59	126405	258.008	ug/l	100
12) 1,1-Dichloroethene	2.37	96	72482	49.824	ug/l	99
13) Acrolein	2.29	56	93526	210.790	ug/l	98
14) Allyl chloride	2.73	41	171102	48.262	ug/l	99
15) Acrylonitrile	3.14	53	315765	263.598	ug/l	99
16) Acetone	2.45	43	276016	242.866	ug/l	98
17) Carbon Disulfide	2.57	76	193926	47.480	ug/l	99
18) Methyl Acetate	2.78	43	132277	48.940	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	295535	52.315	ug/l	99
20) Methylene Chloride	2.85	84	90758	49.321	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	79441	50.353	ug/l	98
22) Diisopropyl ether	3.85	45	358806	52.627	ug/l	95
23) Vinyl Acetate	3.82	43	1515658	259.607	ug/l	99
24) 1,1-Dichloroethane	3.70	63	173358	51.543	ug/l	100
25) 2-Butanone	4.67	43	465297	263.463	ug/l	100
26) 2,2-Dichloropropane	4.58	77	71191	28.437	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	113209	60.117	ug/l	94
28) Bromochloromethane	5.02	49	64477	47.485	ug/l	98
29) Tetrahydrofuran	5.13	42	308975	271.874	ug/l	98
30) Chloroform	5.21	83	159220	52.341	ug/l	99
31) Cyclohexane	5.58	56	151420	48.390	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	129594	51.177	ug/l	98
36) 1,1-Dichloropropene	5.80	75	117197	49.378	ug/l	100
37) Ethyl Acetate	4.84	43	166846	50.453	ug/l	99
38) Carbon Tetrachloride	5.79	117	107979	50.072	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	131394	45.077	ug/l	98
40) Benzene	6.15	78	367524	50.034	ug/l	99
41) Methacrylonitrile	5.04	41	101354	51.487	ug/l	99
42) 1,2-Dichloroethane	6.19	62	136765	51.904	ug/l	100
43) Isopropyl Acetate	6.45	43	272487	51.513	ug/l	99
44) Trichloroethene	7.21	130	89074	50.160	ug/l	97
45) 1,2-Dichloropropane	7.51	63	106823	51.359	ug/l	99
46) Dibromomethane	7.66	93	60647	50.211	ug/l	99
47) Bromodichloromethane	7.90	83	124784	51.792	ug/l	99
48) Methyl methacrylate	7.77	41	140256	53.445	ug/l	98
49) 1,4-Dioxane	7.74	88	49185	924.166	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	935566	270.596	ug/l	99
52) Toluene	8.78	92	225502	50.503	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	131801	48.453	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	143602	47.696	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	94145	51.681	ug/l	96
56) Ethyl methacrylate	9.18	69	171055	52.604	ug/l	98
57) 1,3-Dichloropropane	9.37	76	164448	51.299	ug/l	100
59) 2-Hexanone	9.49	43	725547	267.195	ug/l	99
60) Dibromochloromethane	9.58	129	94798	53.282	ug/l	100
61) 1,2-Dibromoethane	9.67	107	94736	51.520	ug/l	100
64) Tetrachloroethene	9.34	164	75417	46.869	ug/l	99
65) Chlorobenzene	10.14	112	234514	49.976	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	86787	51.014	ug/l	100
67) Ethyl Benzene	10.25	91	434718	50.337	ug/l	100
68) m/p-Xylenes	10.36	106	316444	100.270	ug/l	98
69) o-Xylene	10.69	106	155697	50.003	ug/l	98
70) Stvrene	10.71	104	278502	51.460	ug/l	100
71) Bromoform	10.85	173	71997	52.076	ug/l #	100
73) Isopropylbenzene	11.02	105	414831	48.098	ug/l	99
74) N-amyl acetate	10.90	43	248986	49.517	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160188	49.822	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	136957m	49.781	ug/l	
77) Bromobenzene	11.26	156	103654	48.421	ug/l	99
78) n-propylbenzene	11.36	91	478222	48.551	ug/l	100
79) 2-Chlorotoluene	11.42	91	287393	47.293	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	350262	48.232	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44178	41.086	ug/l	96
82) 4-Chlorotoluene	11.51	91	331493	48.286	ug/l	100
83) tert-Butylbenzene	11.77	119	341689	48.367	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	354797	48.674	ug/l	99
85) sec-Butylbenzene	11.94	105	403065	48.124	ug/l	99
86) p-Isopropyltoluene	12.06	119	366848	48.721	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185264	48.547	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	186132	48.379	ug/l	99
89) n-Butylbenzene	12.38	91	322678	47.415	ug/l	100
90) Hexachloroethane	12.60	117	62414	48.655	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	189671	48.797	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36949	51.229	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	132672	49.914	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	64237	47.325	ug/l	100
95) Naphthalene	13.83	128	434560	50.252	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134556	49.940	ug/l	99

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

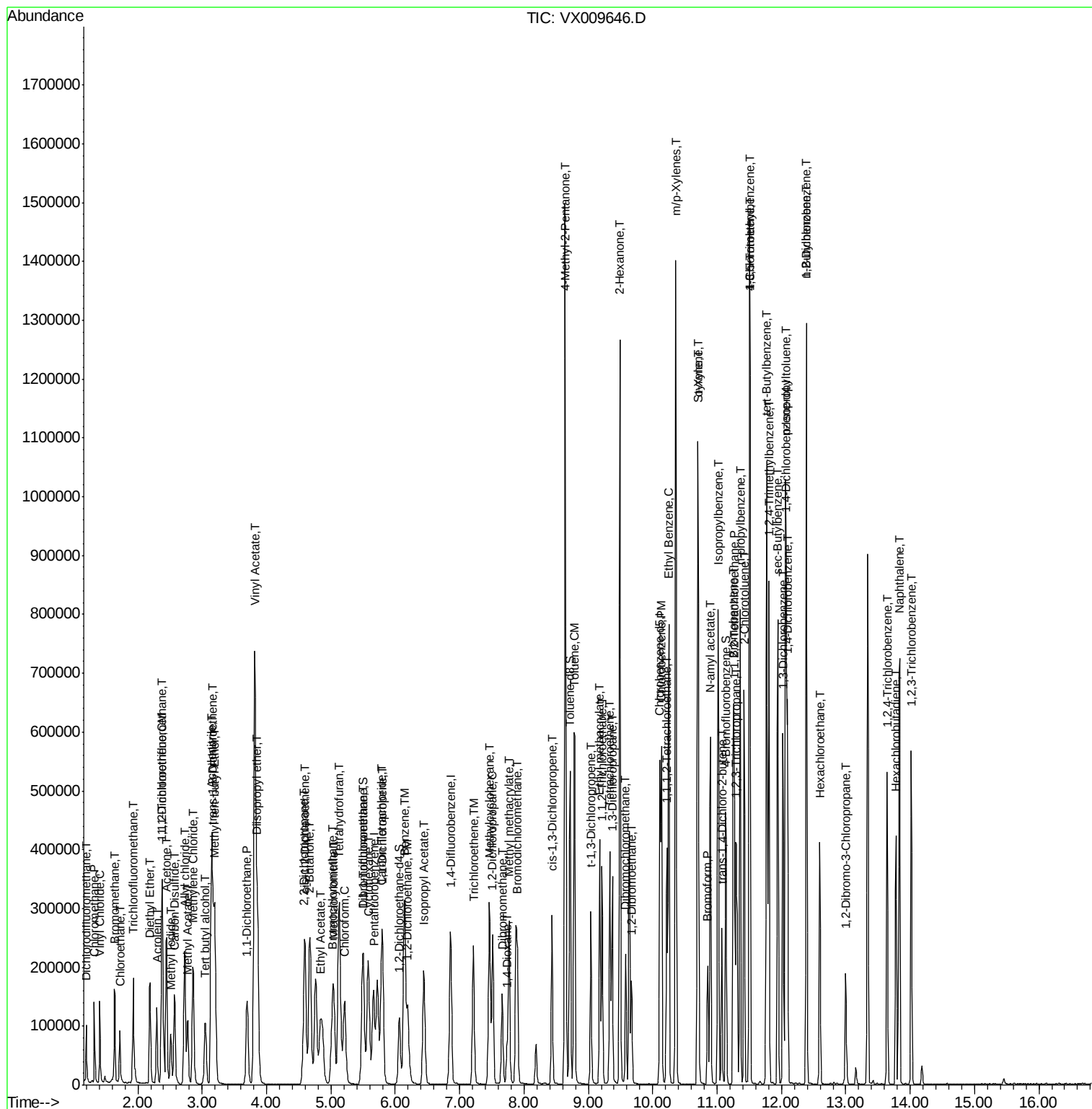
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX051619\
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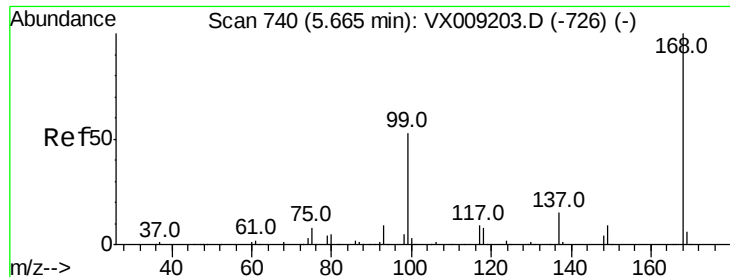
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion:168 Resp: 155044

Ion Ratio Lower Upper

168 100

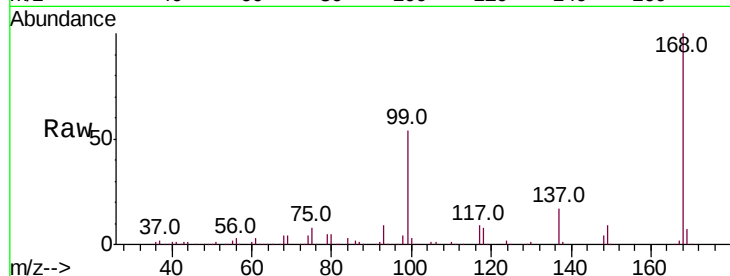
99 54.0 42.3 63.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

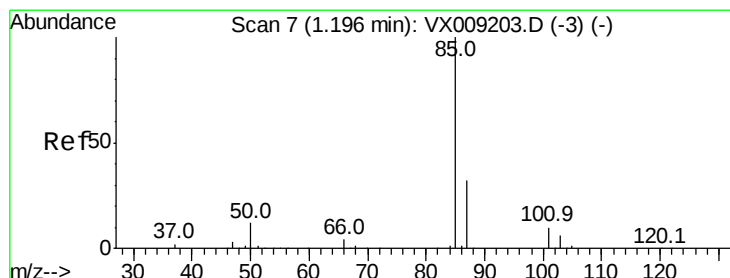
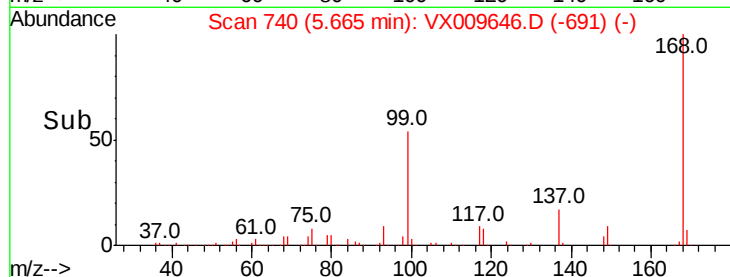
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.829 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009646.D

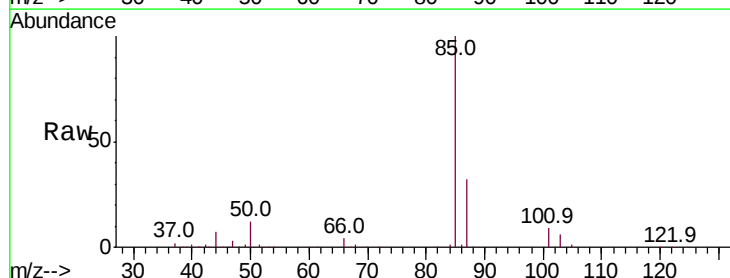
Acq: 17 May 2019 07:10

Tgt Ion: 85 Resp: 58335

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

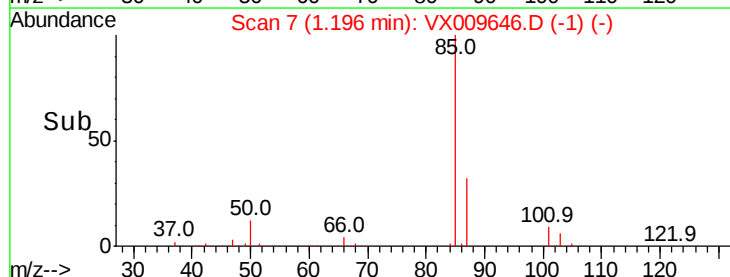
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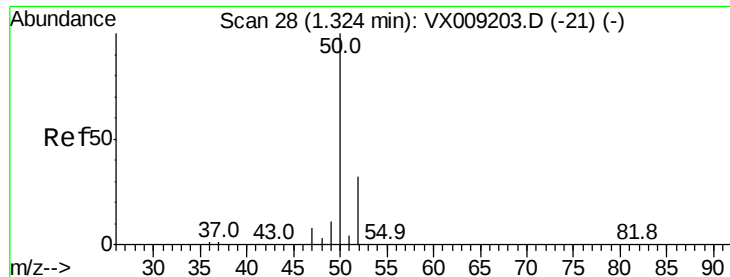
20000

10000

0

Time-->





#3

Chloromethane

Concen: 47.019 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 50 Resp: 91717

Ion Ratio Lower Upper

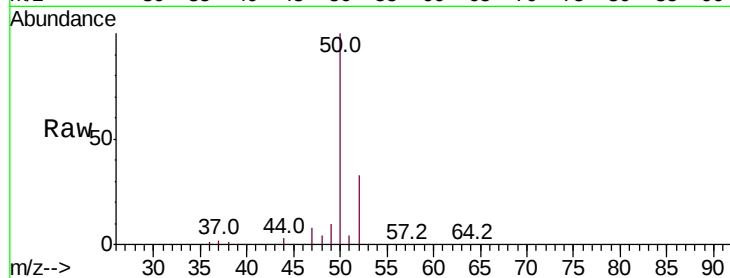
50 100

52 32.7 25.9 38.9

Manual Integrations
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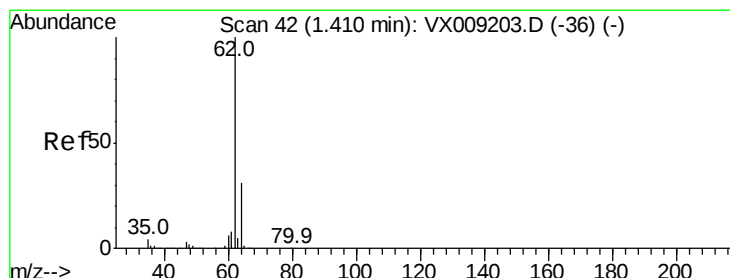
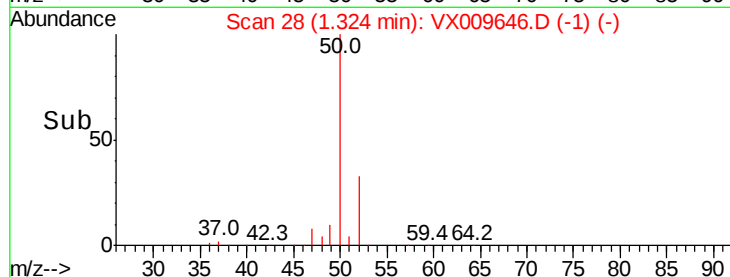
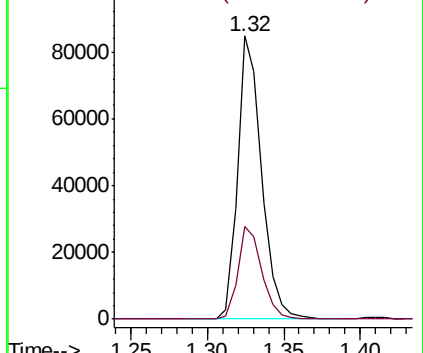
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.576 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009646.D

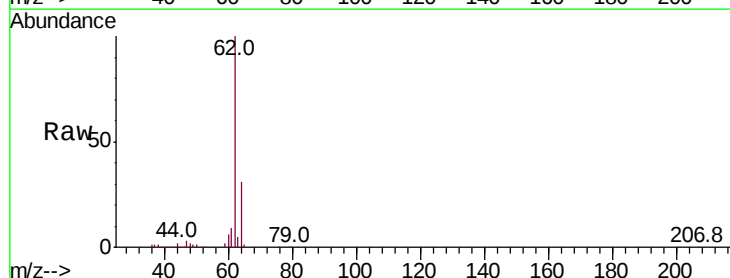
Acq: 17 May 2019 07:10

Tgt Ion: 62 Resp: 92396

Ion Ratio Lower Upper

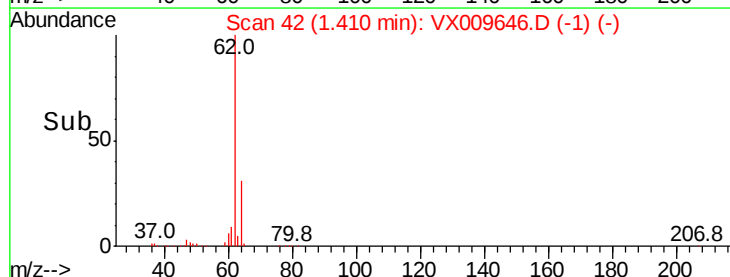
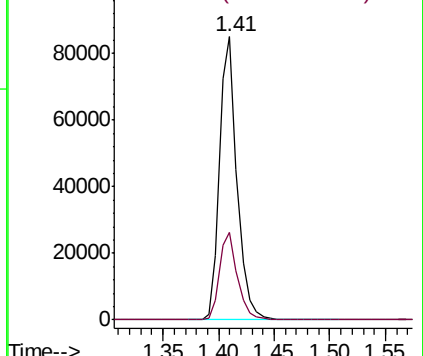
62 100

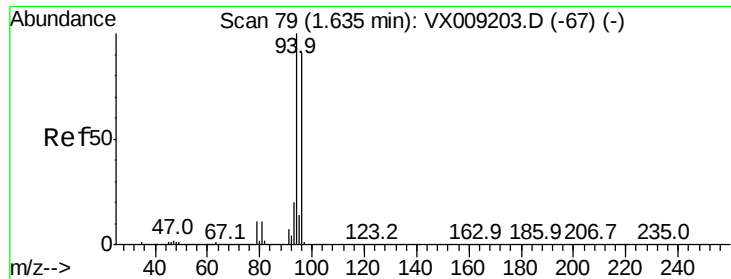
64 31.0 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.296 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 94 Resp: 57421

Ion Ratio Lower Upper

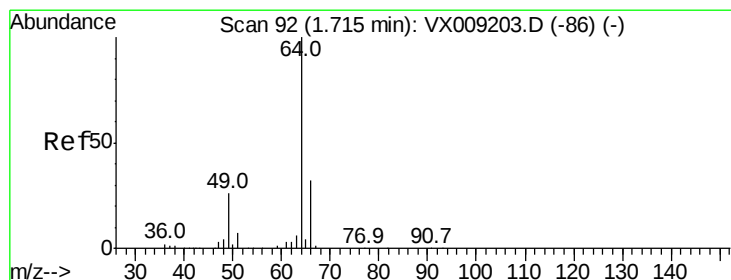
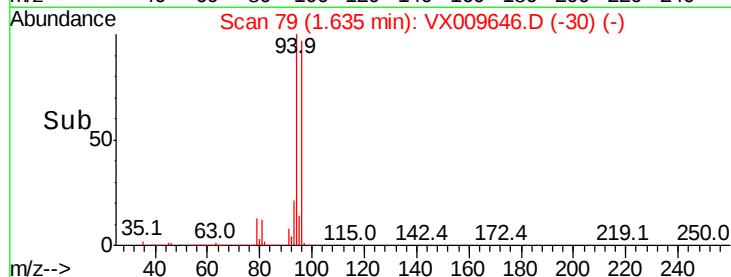
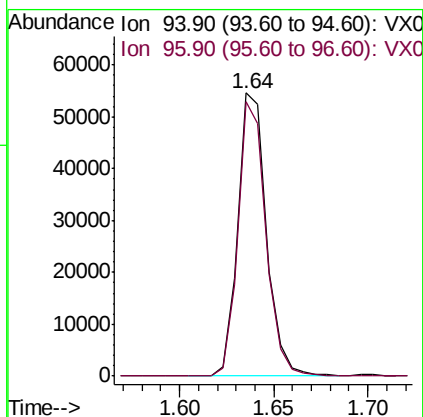
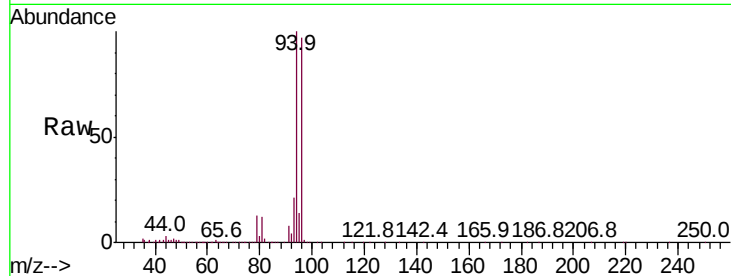
94 100

96 96.7 73.0 109.6

Manual Integrations
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#6

Chloroethane

Concen: 49.039 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009646.D

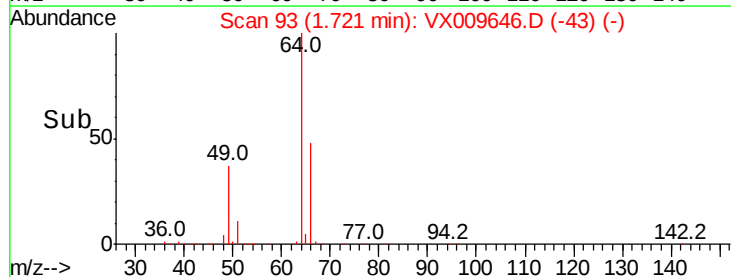
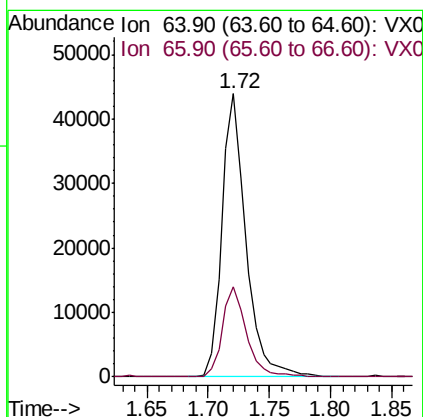
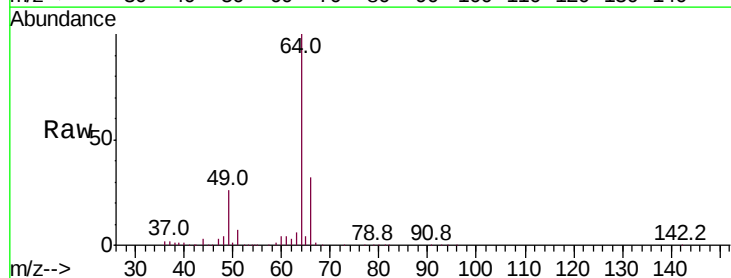
Acq: 17 May 2019 07:10

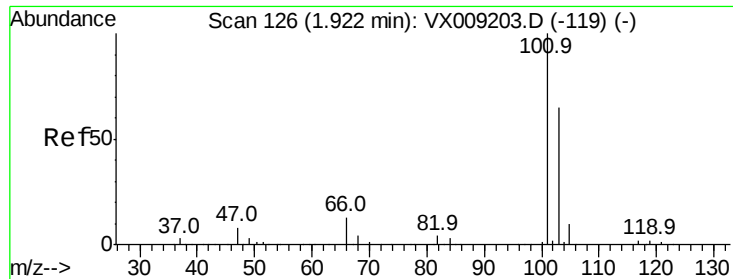
Tgt Ion: 64 Resp: 59887

Ion Ratio Lower Upper

64 100

66 31.8 25.3 37.9





#7

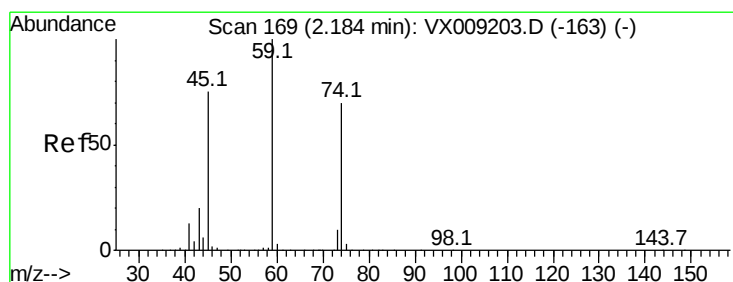
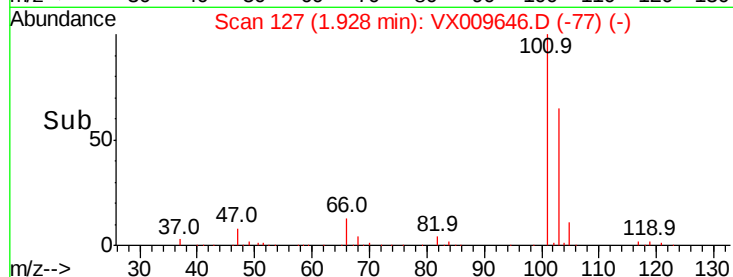
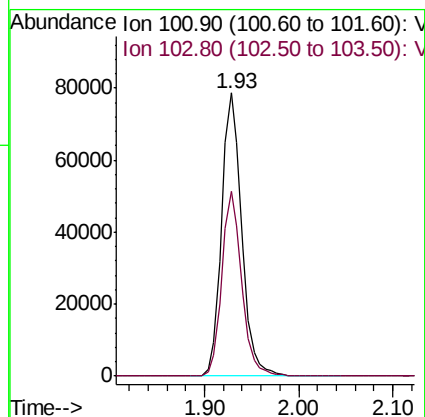
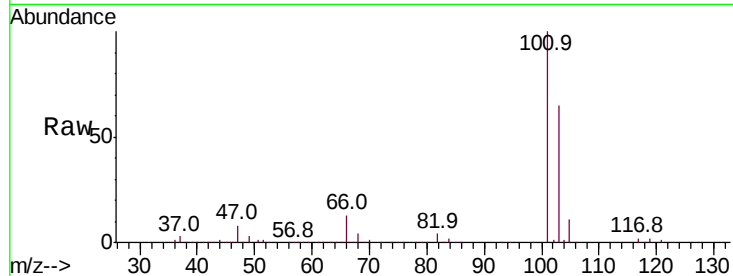
Trichlorofluoromethane
Concen: 50.350 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion:101 Resp: 116415
Ion Ratio Lower Upper
101 100
103 65.3 52.4 78.6

Manual Integrations
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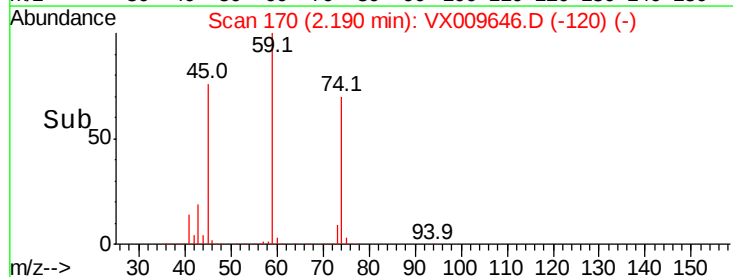
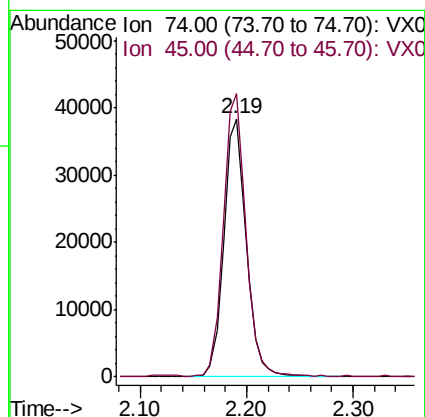
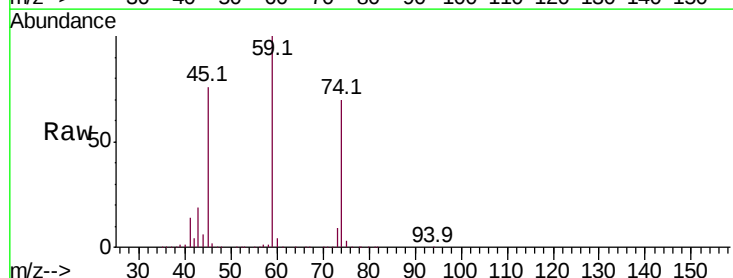
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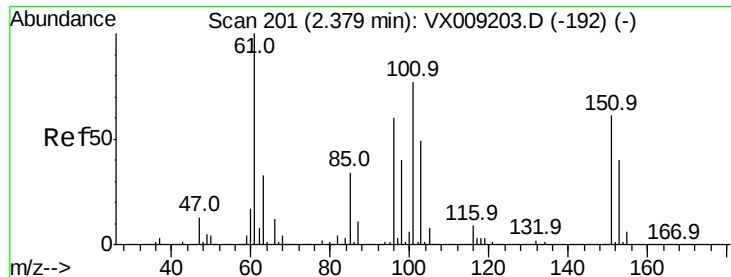


#8

Diethyl Ether
Concen: 51.674 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion: 74 Resp: 56593
Ion Ratio Lower Upper
74 100
45 108.7 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.489 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion:101 Resp: 67499

Ion Ratio Lower Upper

101 100

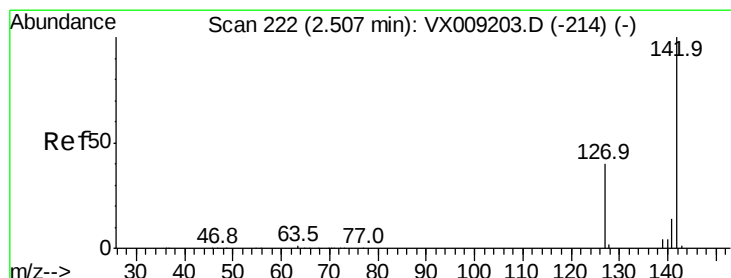
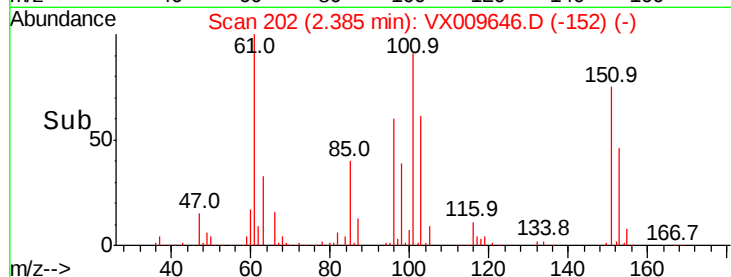
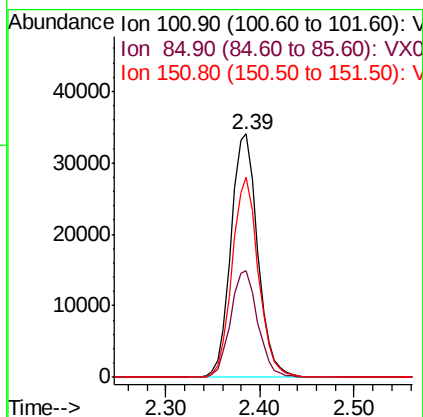
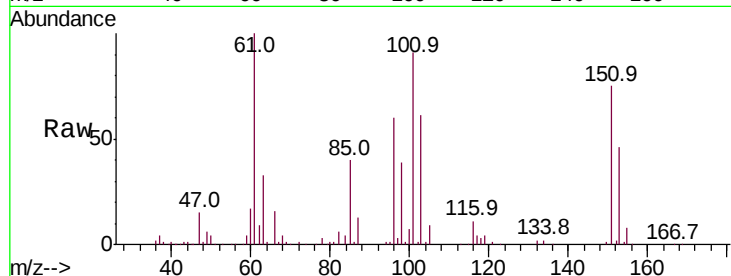
85 44.4 35.7 53.5

151 80.5 62.2 93.2

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#10

Methyl Iodide

Concen: 54.282 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

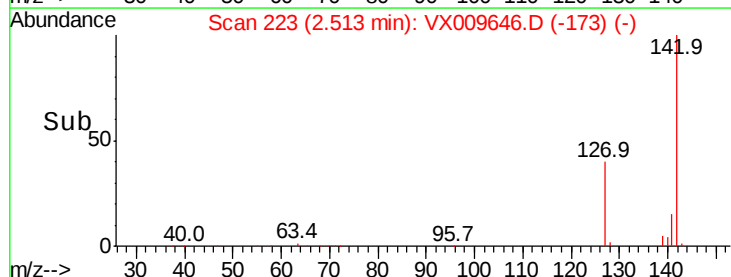
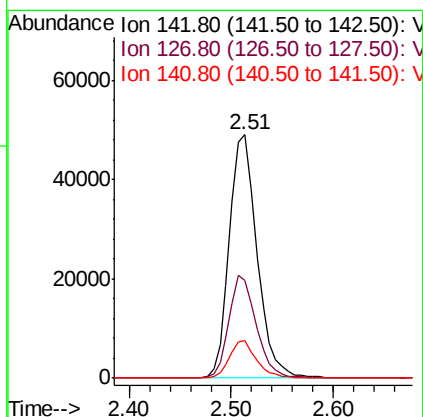
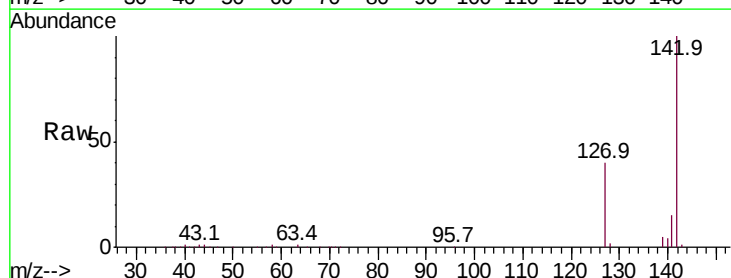
Tgt Ion:142 Resp: 92304

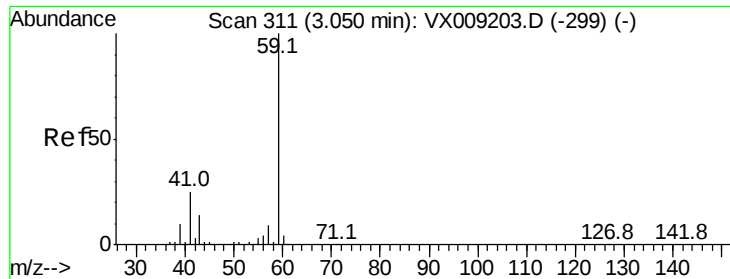
Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

141 14.9 11.5 17.3





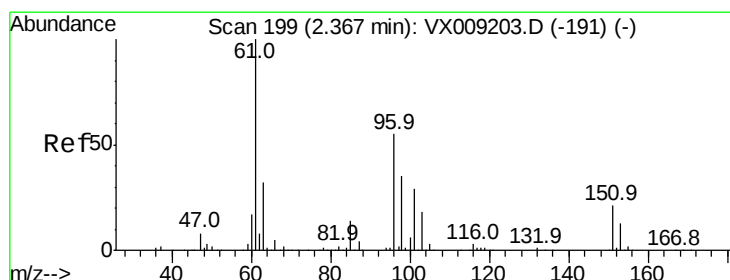
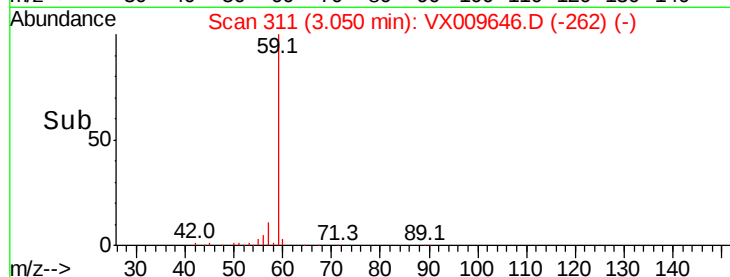
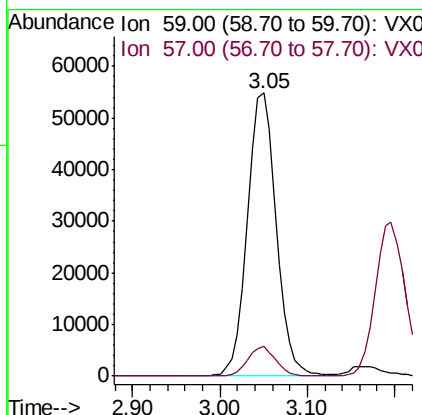
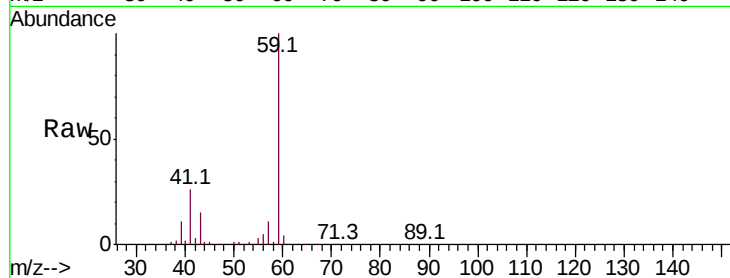
#11
Tert butyl alcohol
Concen: 258.008 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion: 59 Resp: 126405
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

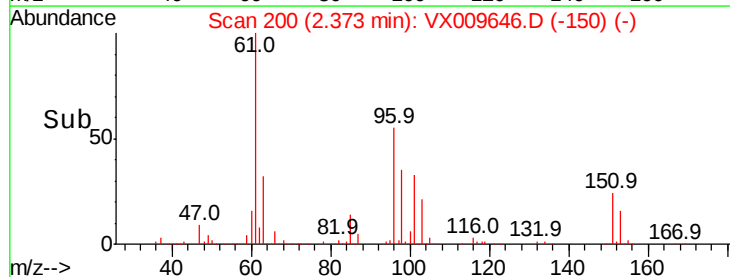
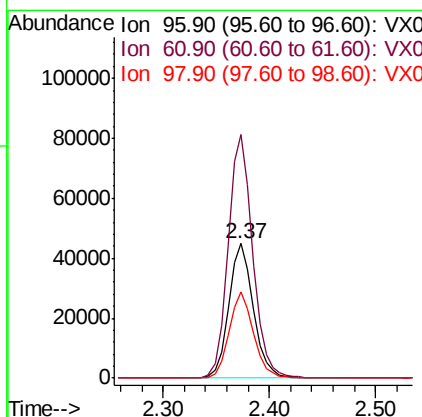
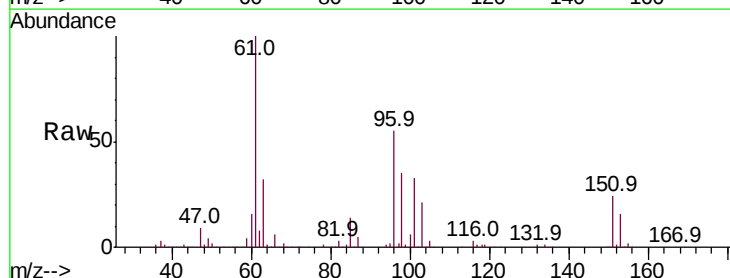
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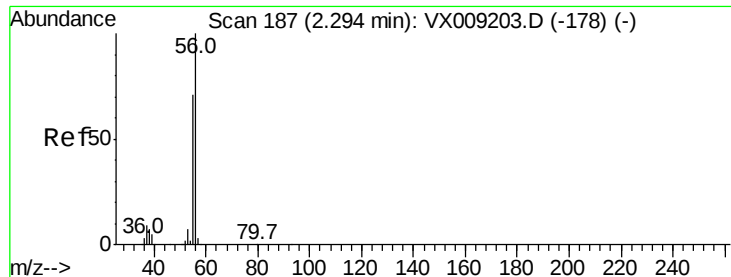
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#12
1,1-Dichloroethene
Concen: 49.824 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion: 96 Resp: 72482
Ion Ratio Lower Upper
96 100
61 181.3 144.3 216.5
98 64.1 50.3 75.5





#13

Acrolein

Concen: 210.790 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 56 Resp: 93526

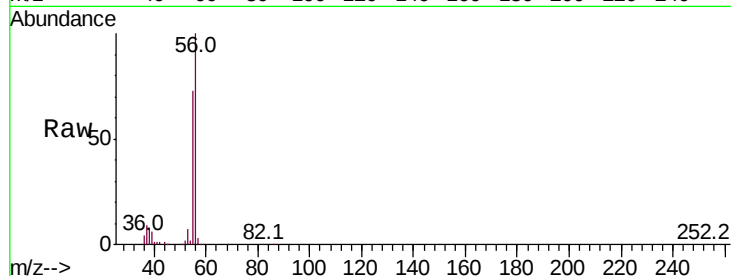
Ion Ratio Lower Upper

56 100

55 72.4 56.6 85.0

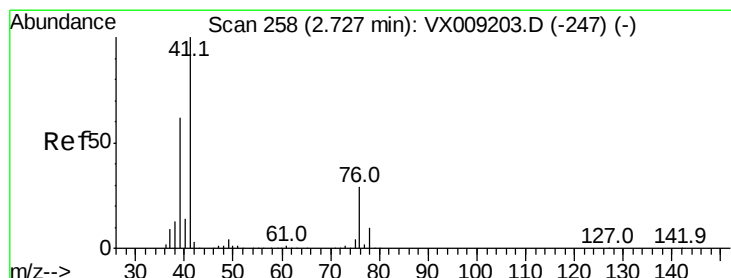
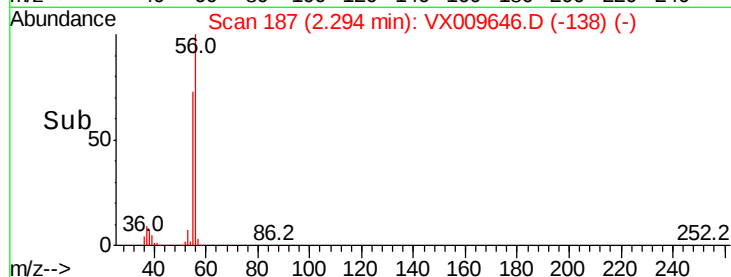
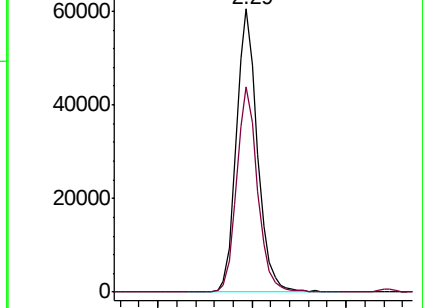
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.262 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

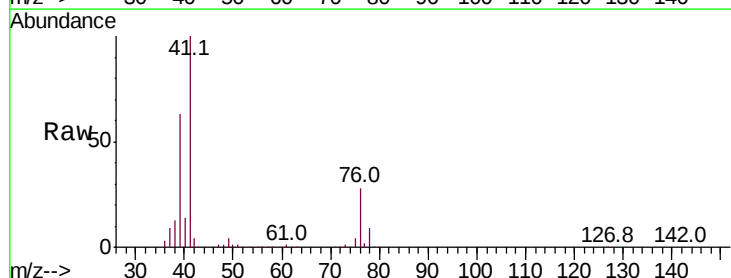
Tgt Ion: 41 Resp: 171102

Ion Ratio Lower Upper

41 100

39 57.8 46.7 70.1

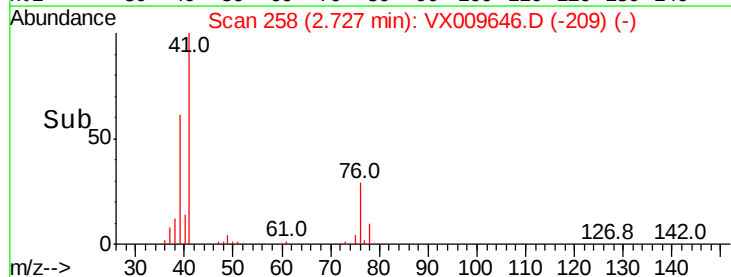
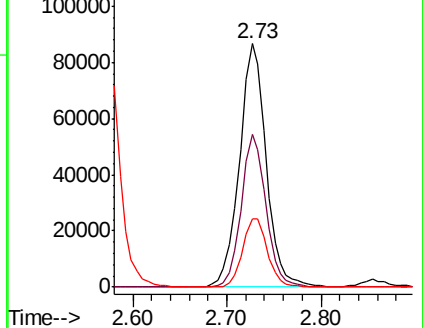
76 26.4 21.8 32.8

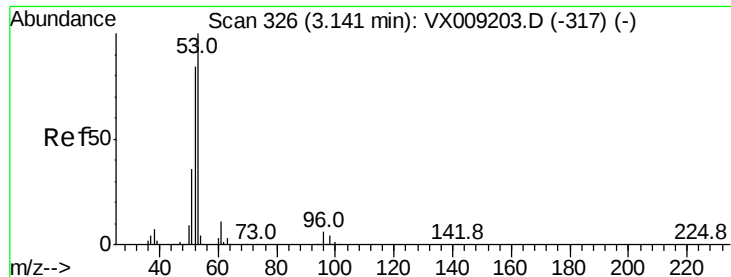


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 263.598 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

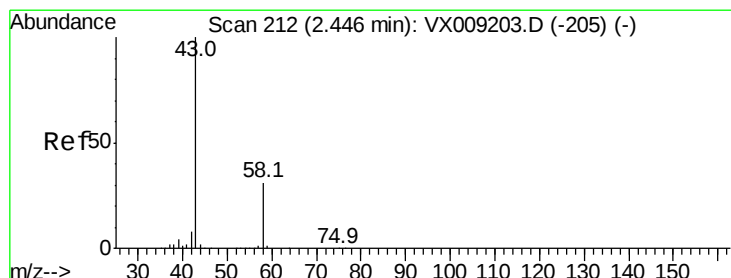
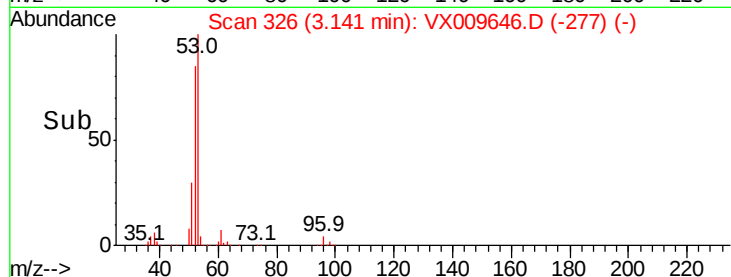
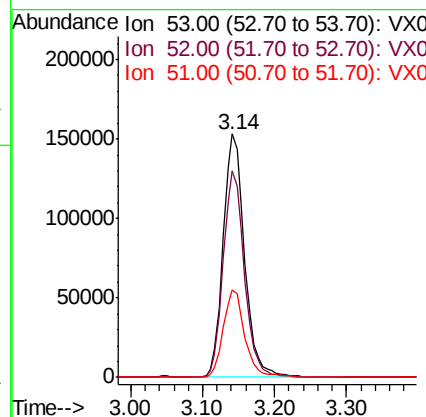
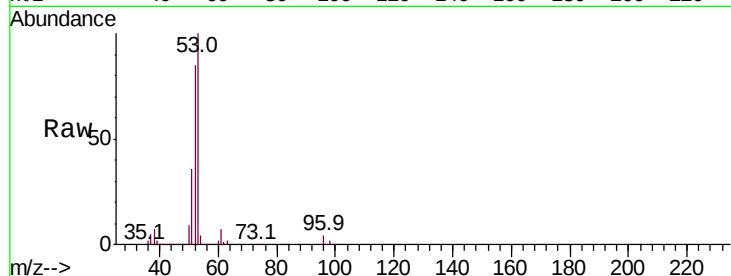
ClientSampleId :

SS052MW100-190514MSD

Tot Ion	53	Resp	315765
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.9	100.3
51	36.1	28.2	42.2

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#16

Acetone

Concen: 242.866 ug/l

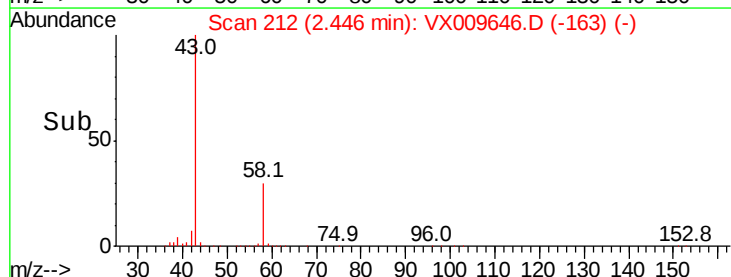
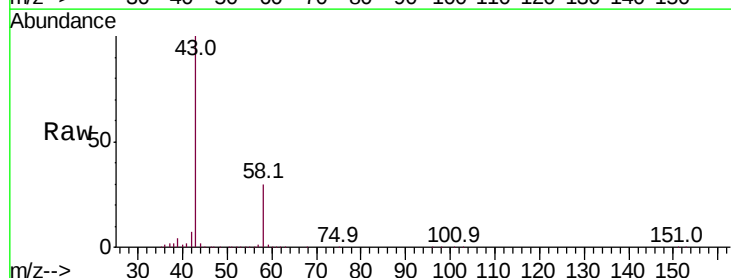
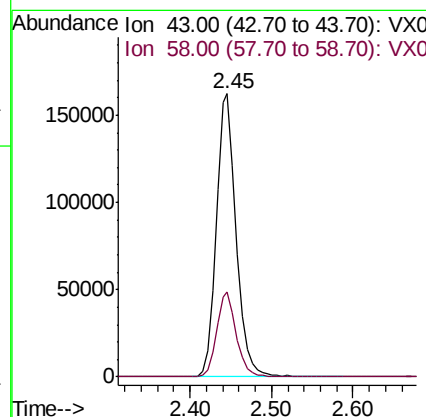
RT: 2.45 min Scan# 212

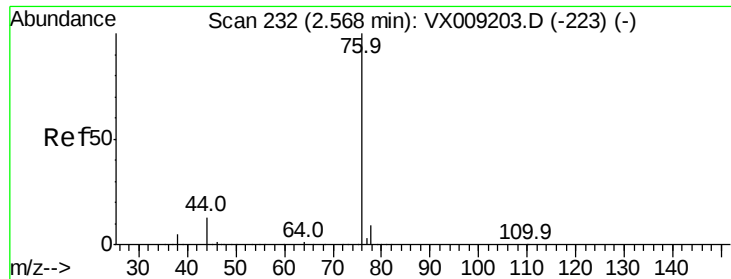
Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Tgt Ion	43	Resp	276016
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.9	37.3





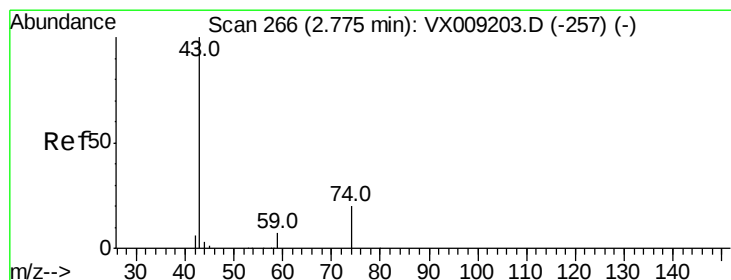
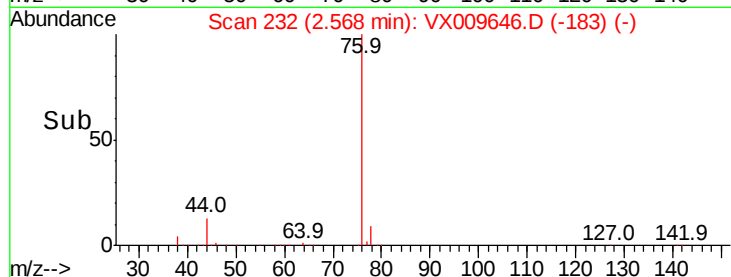
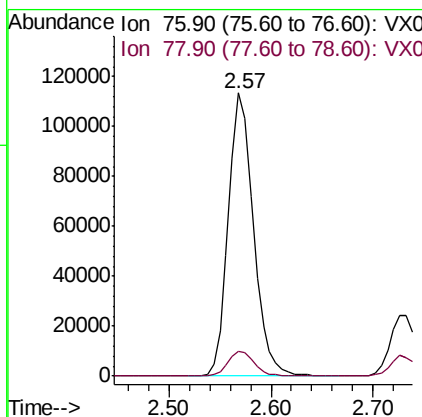
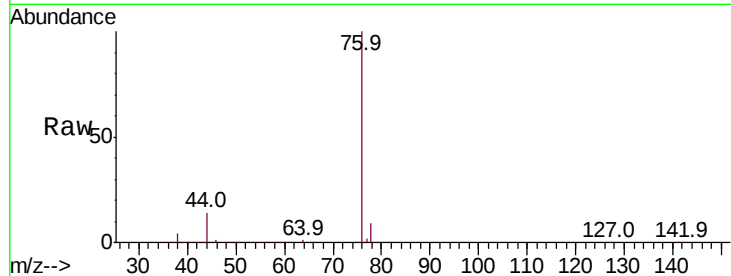
#17
Carbon Disulfide
Concen: 47.480 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

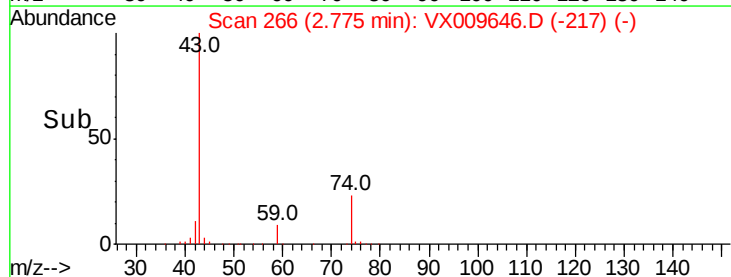
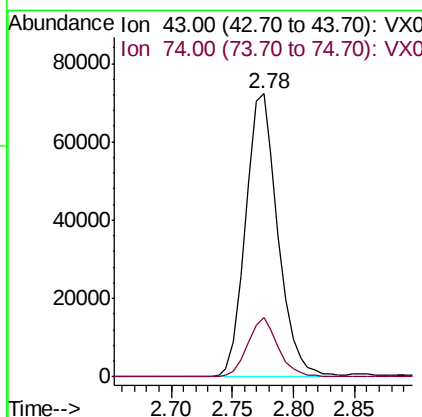
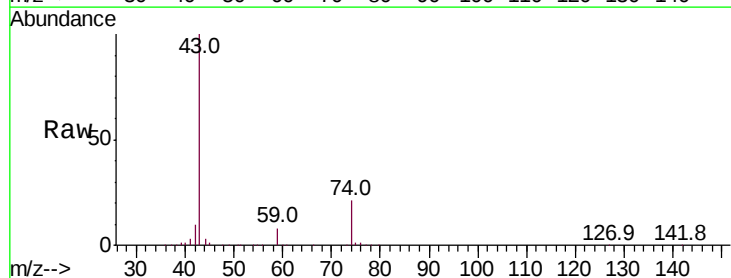
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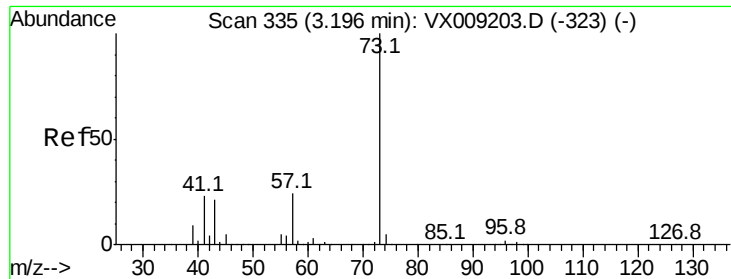
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#18
Methyl Acetate
Concen: 48.940 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	16.2	24.4





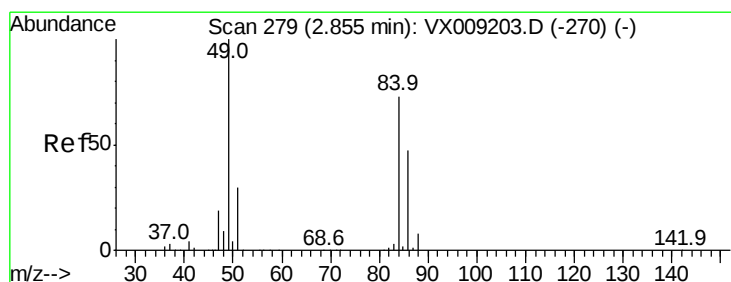
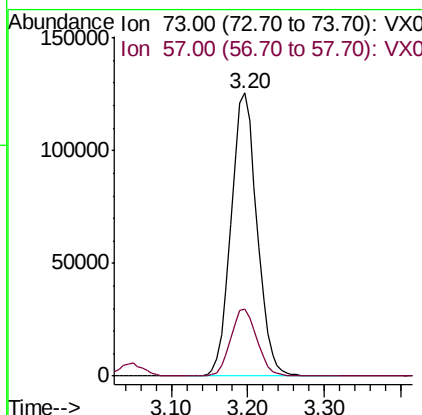
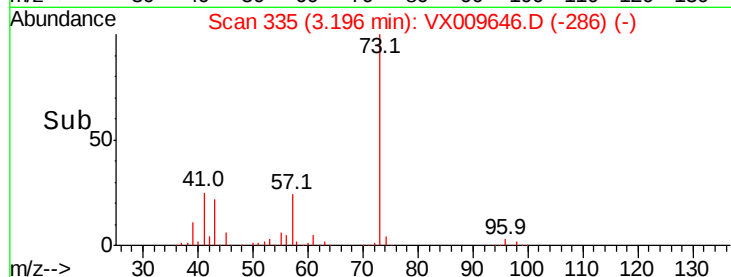
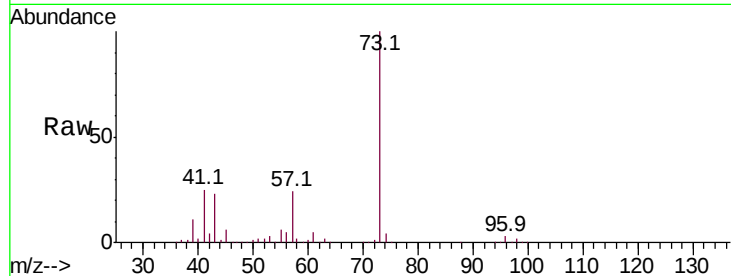
#19
Methyl tert-butyl Ether
Concen: 52.315 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion: 73 Resp: 295535
Ion Ratio Lower Upper
73 100
57 23.8 19.3 28.9

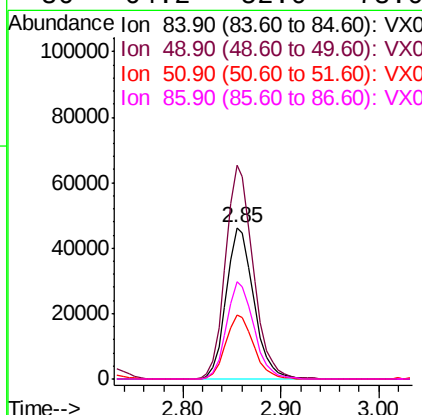
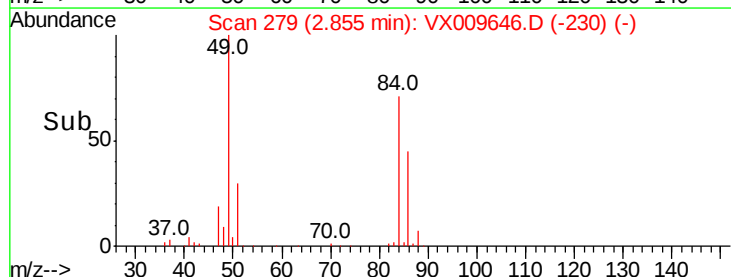
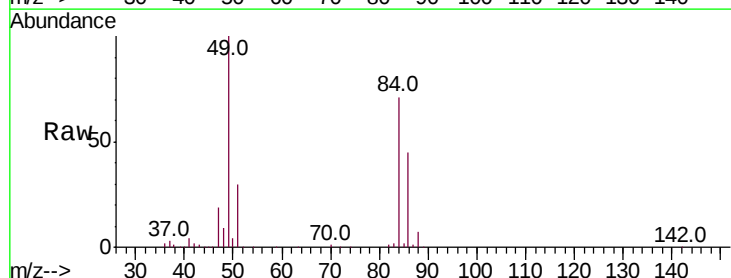
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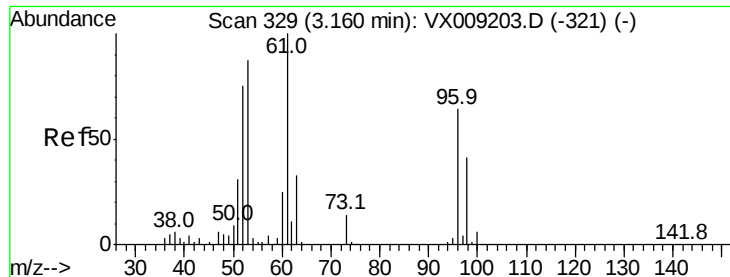
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#20
Methylene Chloride
Concen: 49.321 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion: 84 Resp: 90758
Ion Ratio Lower Upper
84 100
49 141.4 109.9 164.9
51 42.1 32.7 49.1
86 64.2 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 50.353 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 96 Resp: 79441

Ion Ratio Lower Upper

96 100

61 156.7 124.5 186.7

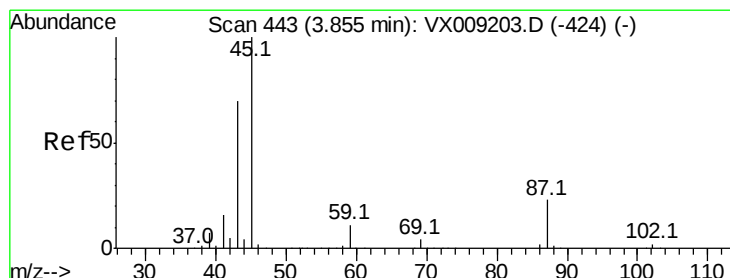
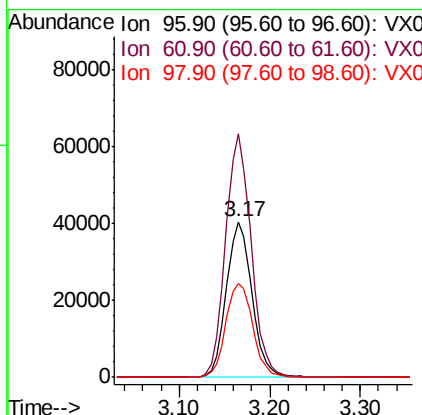
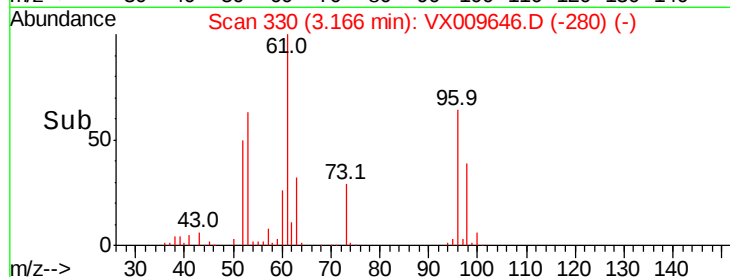
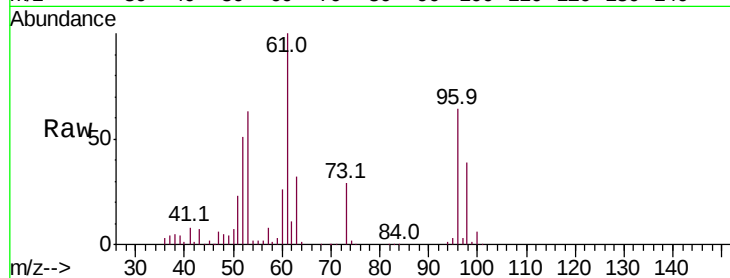
98 60.5 50.4 75.6

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#22

Diisopropyl ether

Concen: 52.627 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Tgt Ion: 45 Resp: 358806

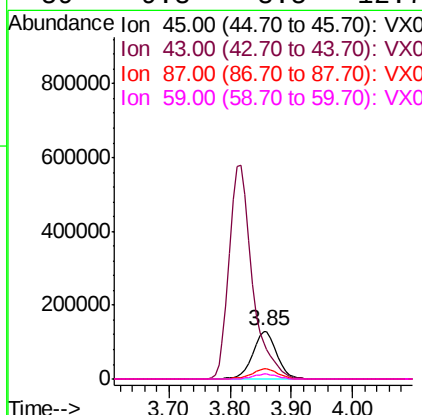
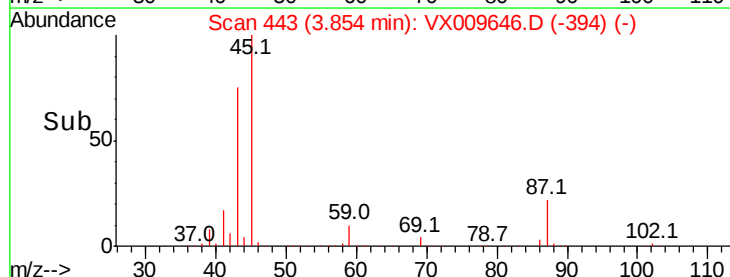
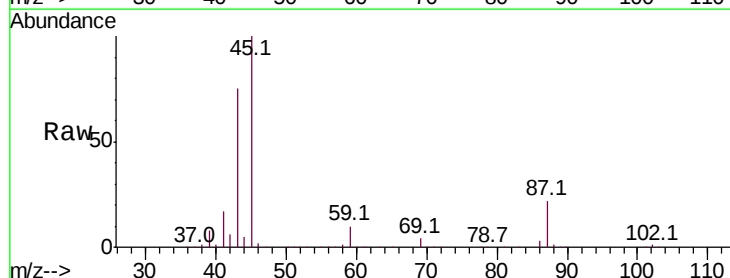
Ion Ratio Lower Upper

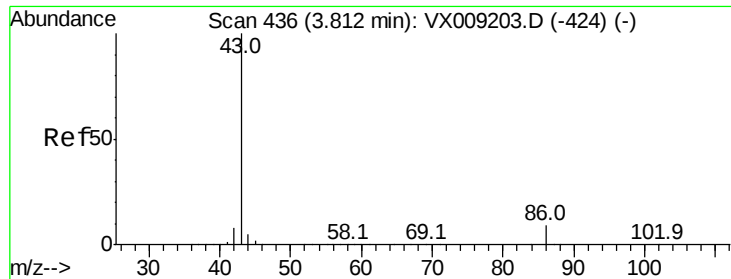
45 100

43 75.3 56.1 84.1

87 22.4 18.1 27.1

59 9.8 8.5 12.7





#23

Vinyl Acetate

Concen: 259.607 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 43 Resp: 1515658

Ion Ratio Lower Upper

43 100

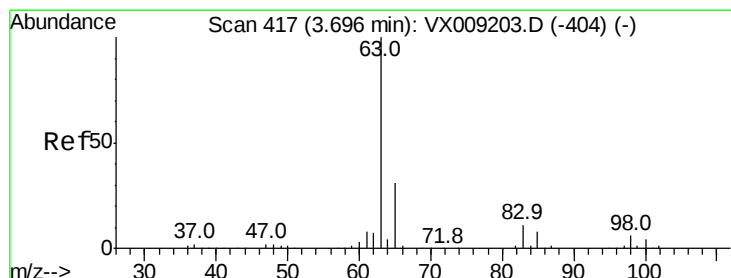
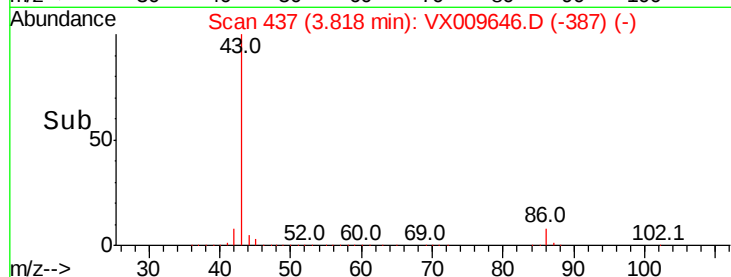
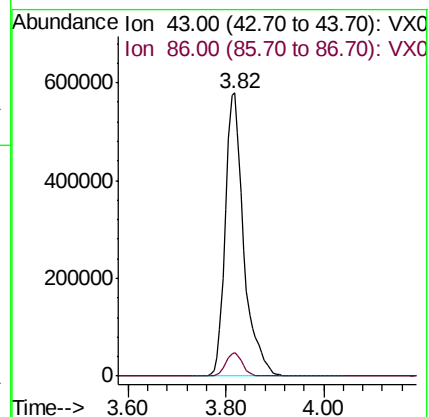
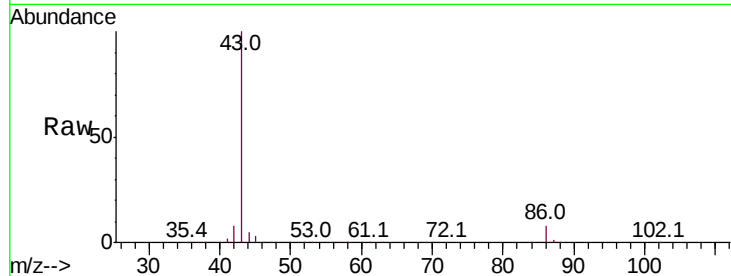
86 8.4 6.9 10.3

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#24

1,1-Dichloroethane

Concen: 51.543 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

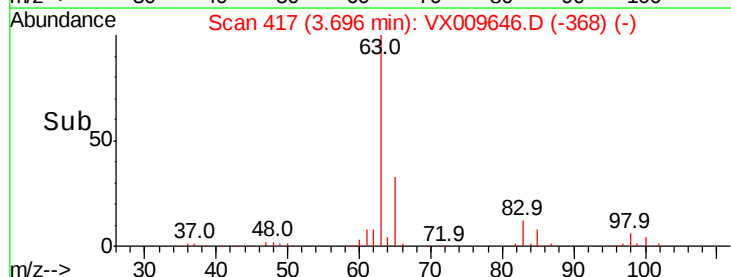
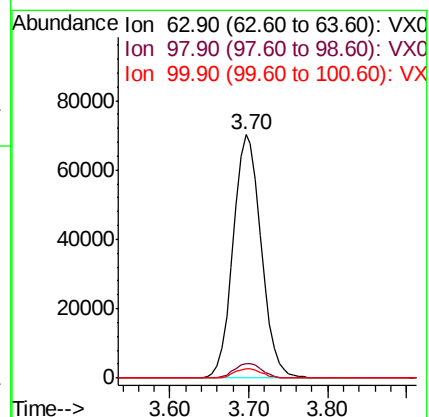
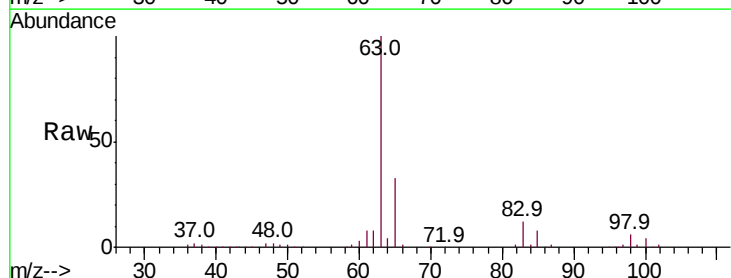
Tgt Ion: 63 Resp: 173358

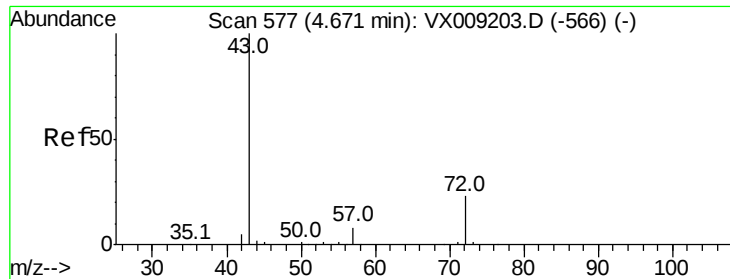
Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 263.463 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 43 Resp: 465297

Ion Ratio Lower Upper

43 100

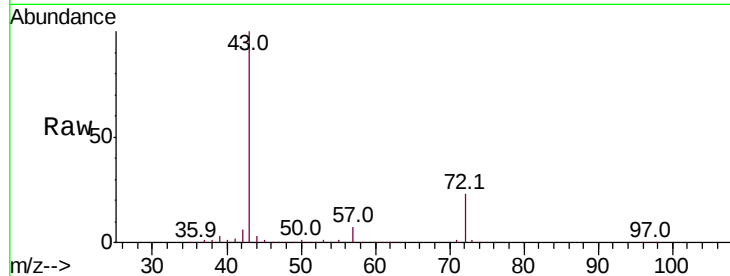
72 22.8 18.2 27.2

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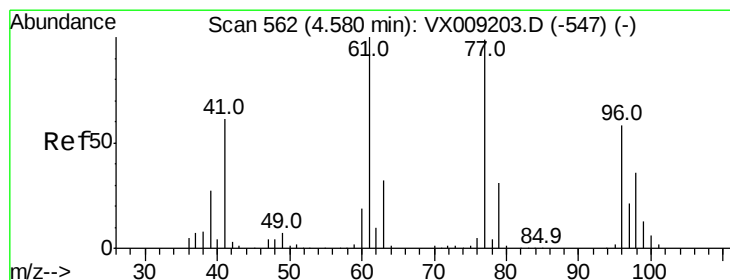
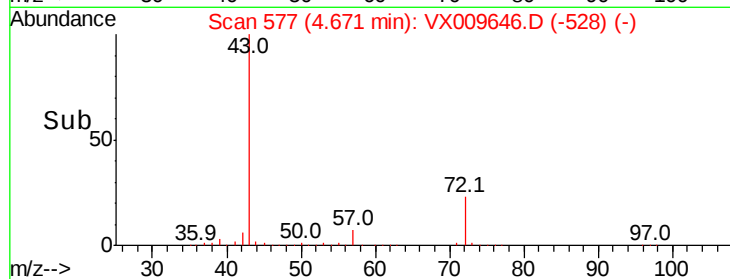
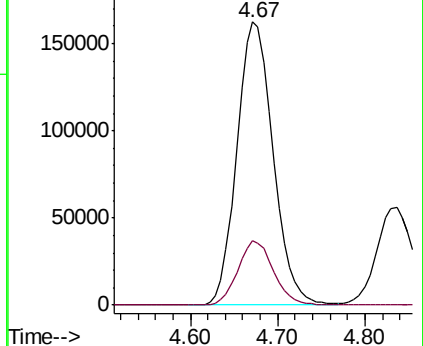
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 28.437 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009646.D

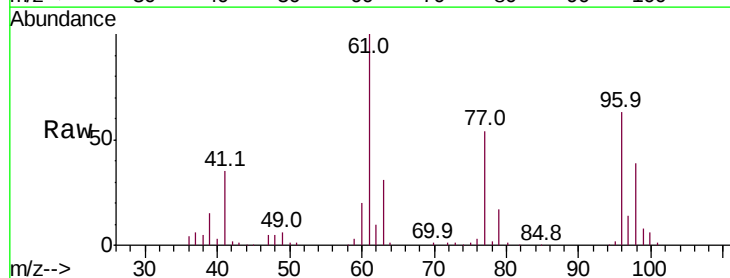
Acq: 17 May 2019 07:10

Tgt Ion: 77 Resp: 71191

Ion Ratio Lower Upper

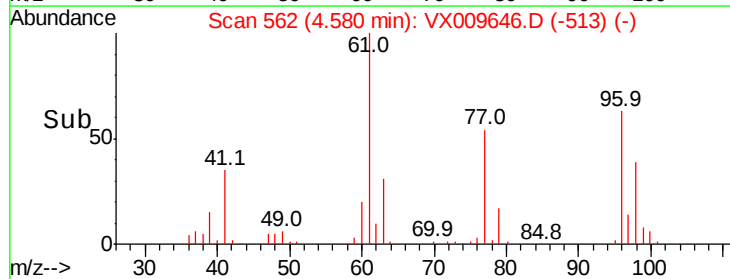
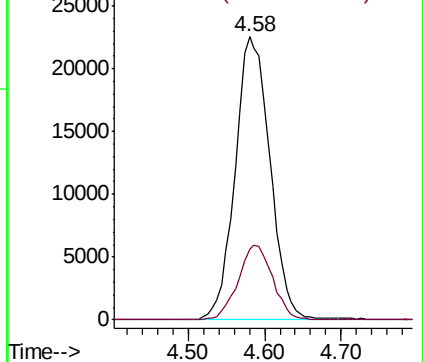
77 100

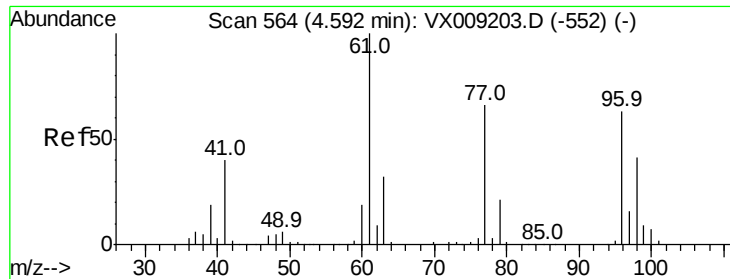
97 26.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

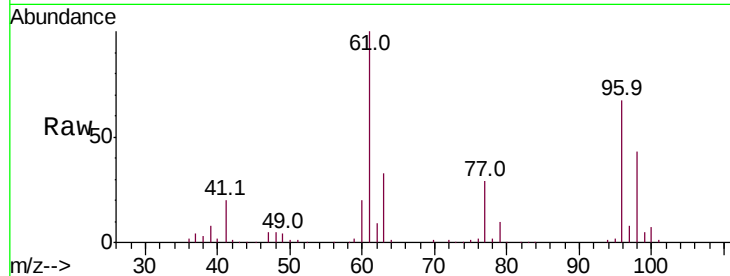
cis-1,2-Dichloroethene
Concen: 60.117 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	151.7	0.0	324.0	
98	63.8	0.0	130.4	

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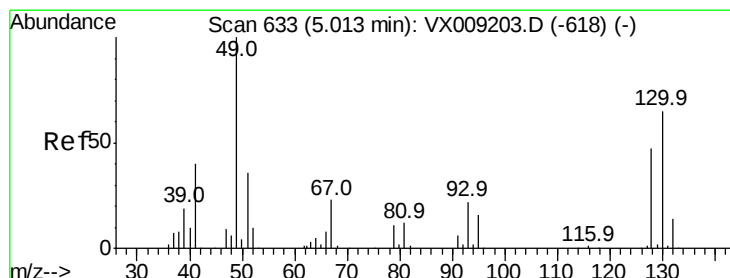
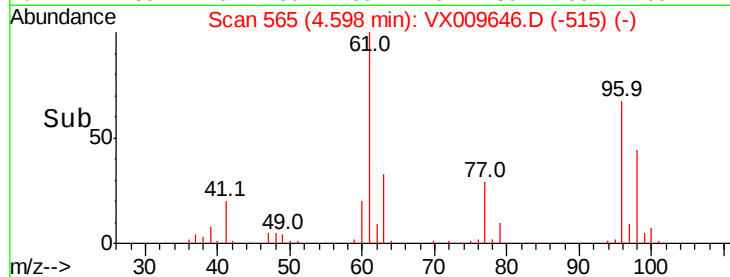
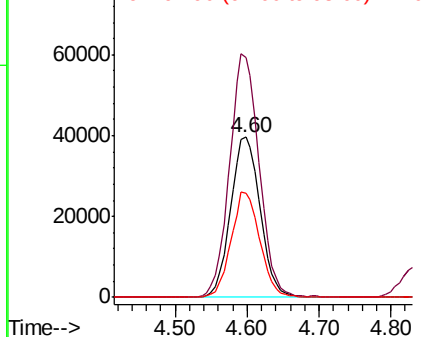


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

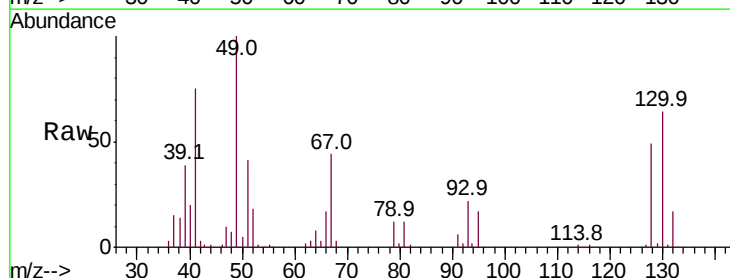
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 47.485 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.8	
130	62.7	51.2	76.8	

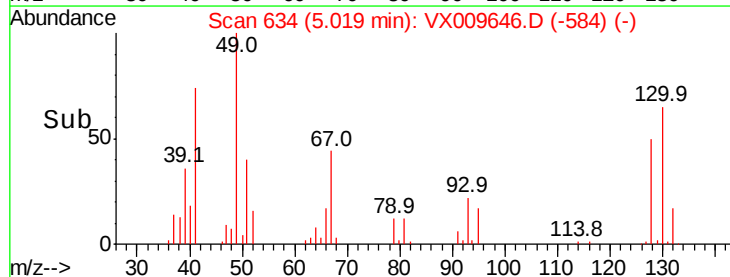
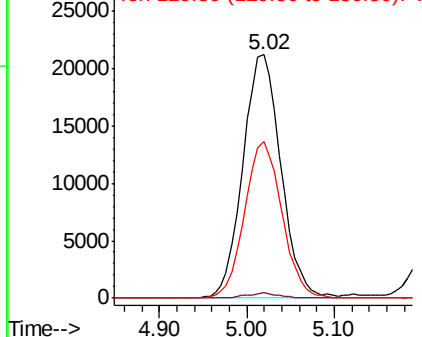


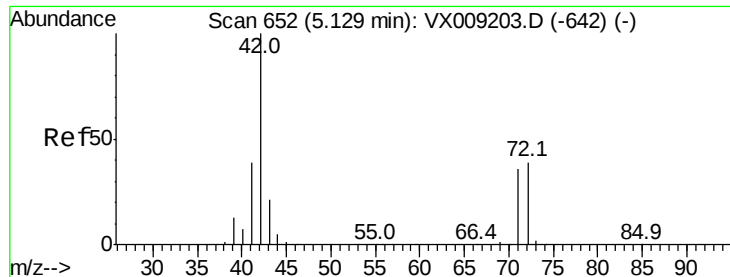
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





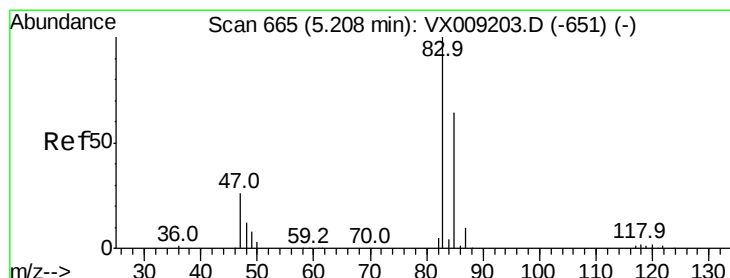
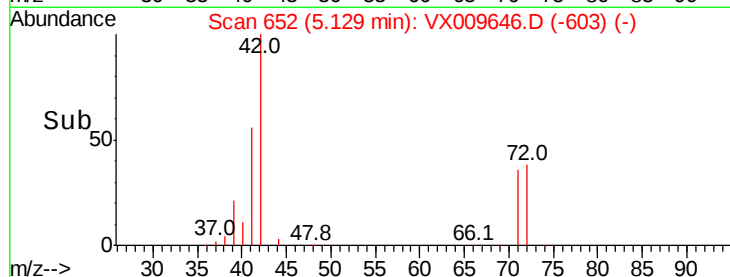
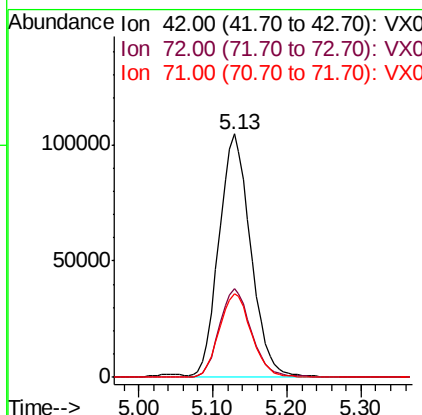
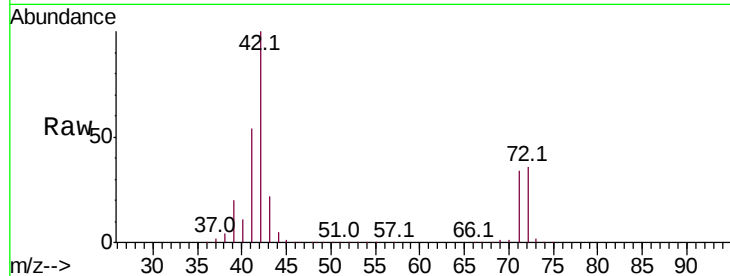
#29
Tetrahydrofuran
Concen: 271.874 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.0	30.4	45.6
71	35.0	28.6	43.0

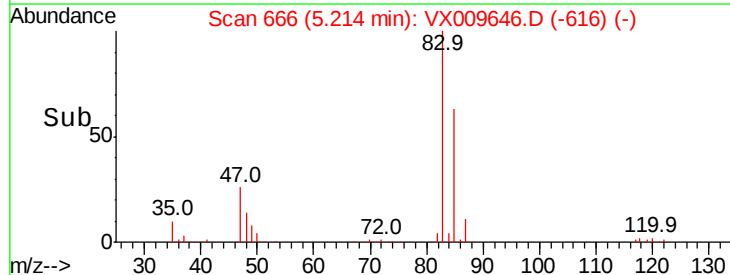
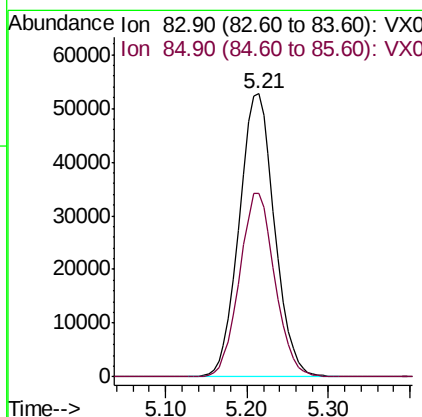
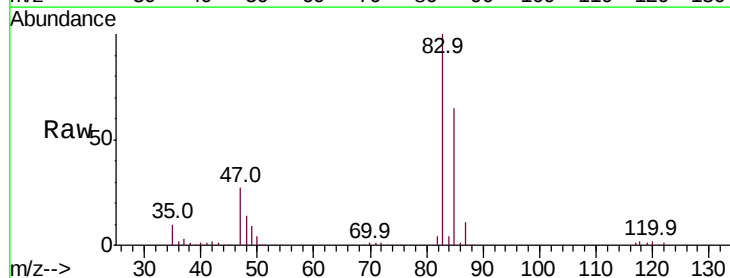
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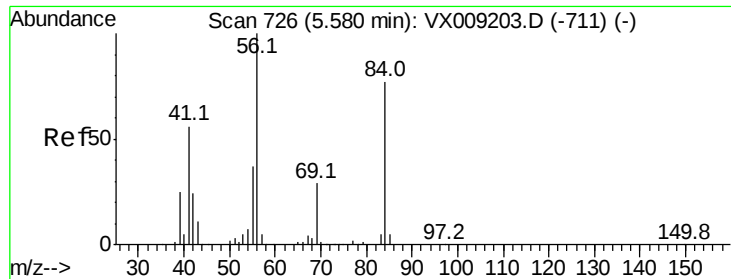
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#30
Chloroform
Concen: 52.341 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3





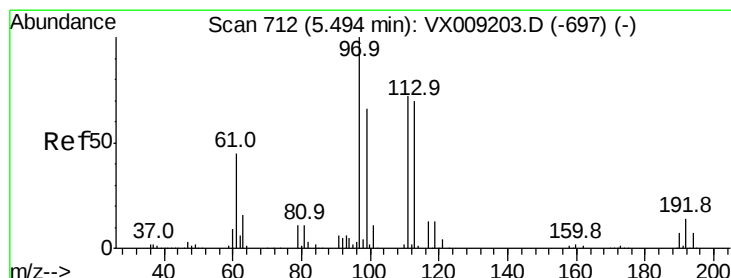
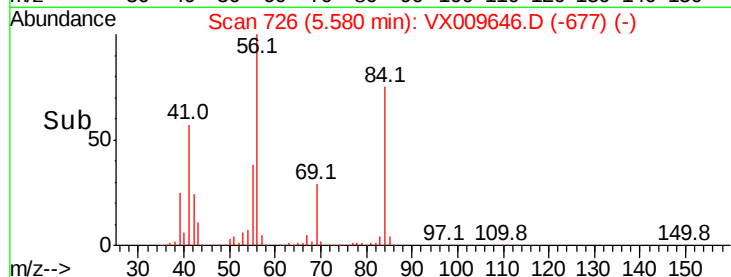
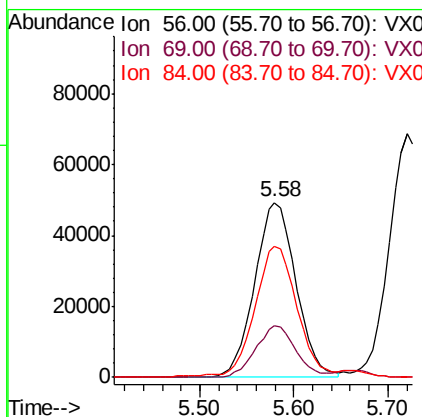
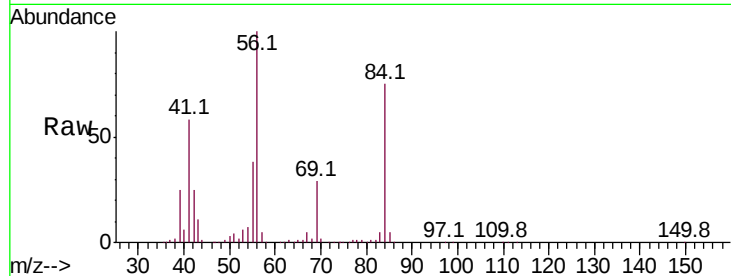
#31
Cyclohexane
Concen: 48.390 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.4	35.0
84	73.5	61.9	92.9

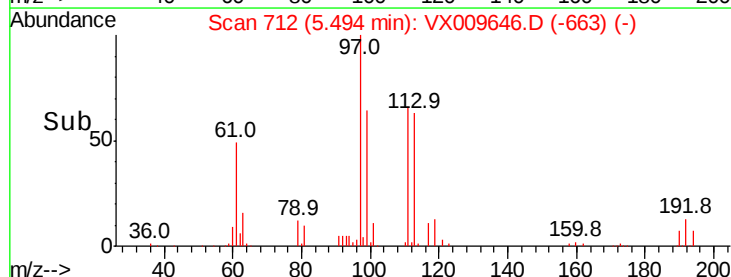
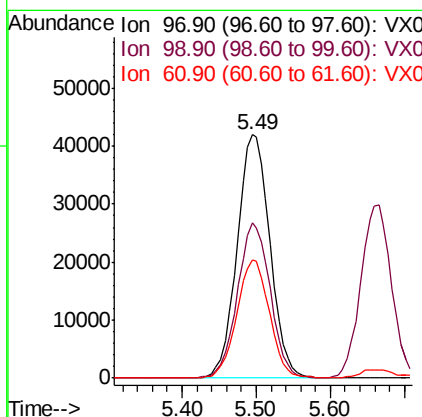
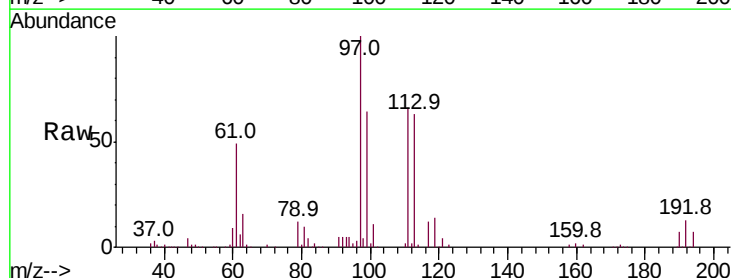
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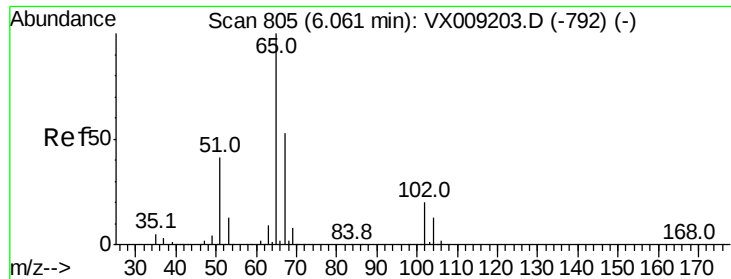
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#32
1,1,1-Trichloroethane
Concen: 51.177 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.8
61	48.7	37.8	56.8





#33

1,2-Dichloroethane-d4

Concen: 50.338 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 65 Resp: 106543

Ion Ratio Lower Upper

65 100

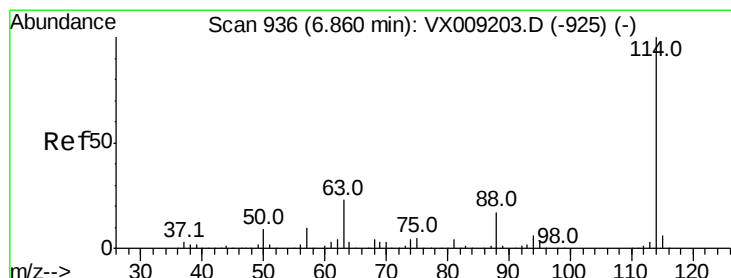
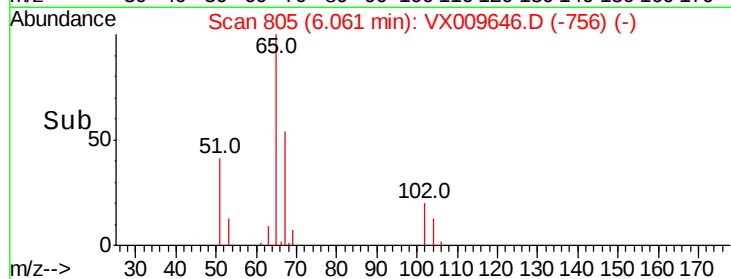
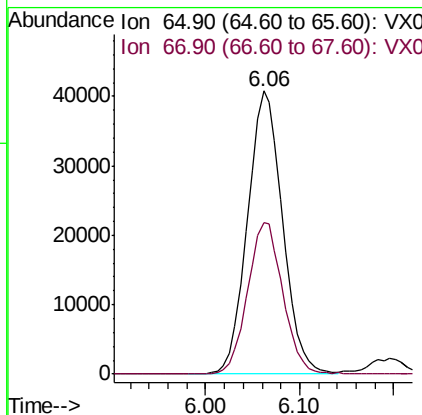
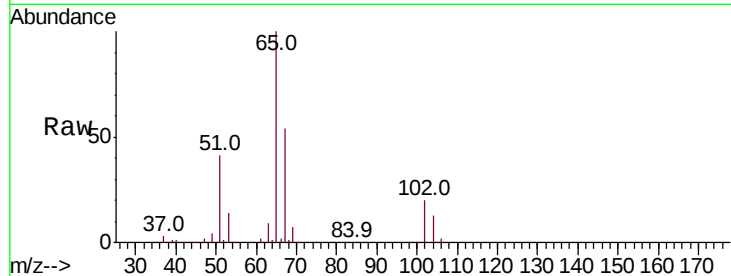
67 53.9 0.0 106.6

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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: VX009646.D

Acq: 17 May 2019 07:10

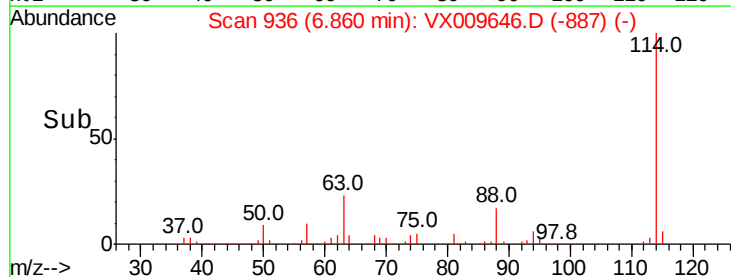
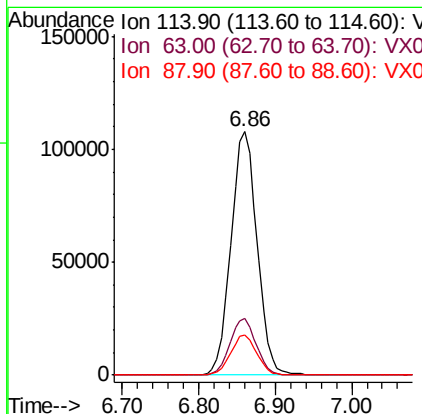
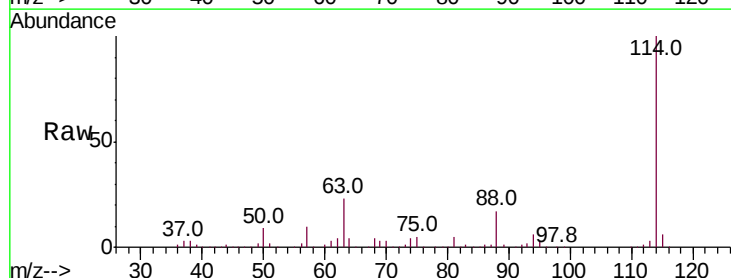
Tgt Ion: 114 Resp: 255401

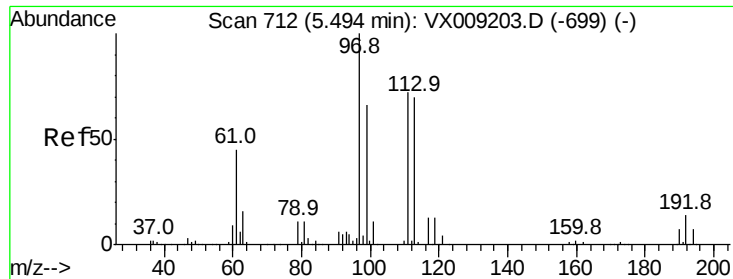
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

88 16.7 0.0 33.2





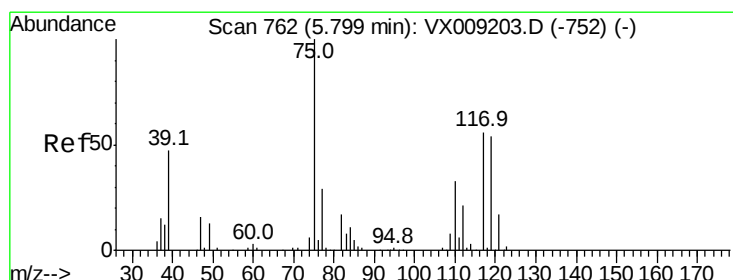
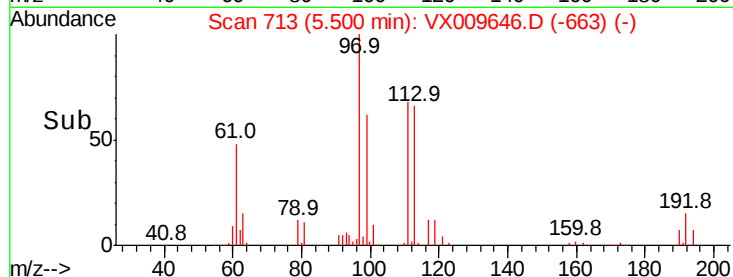
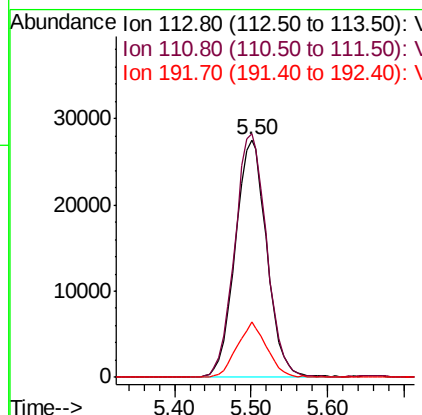
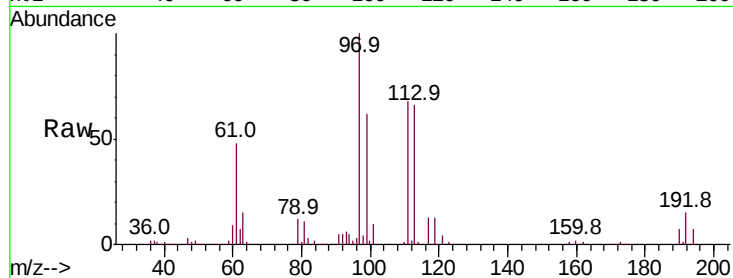
#35
 Dibromofluoromethane
 Concen: 48.934 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.8	124.2
192	22.0	17.0	25.6

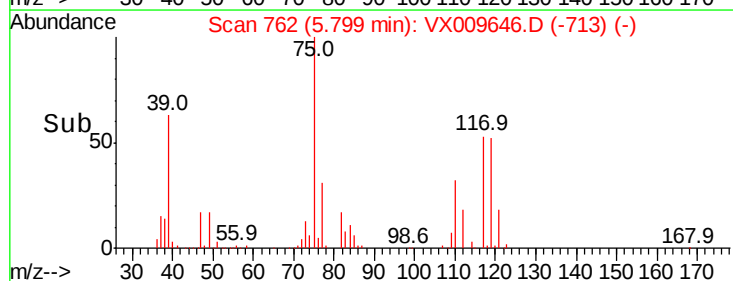
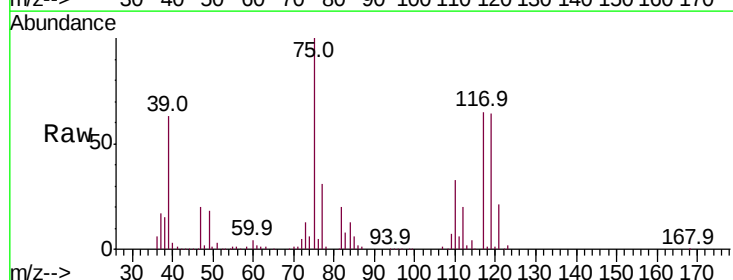
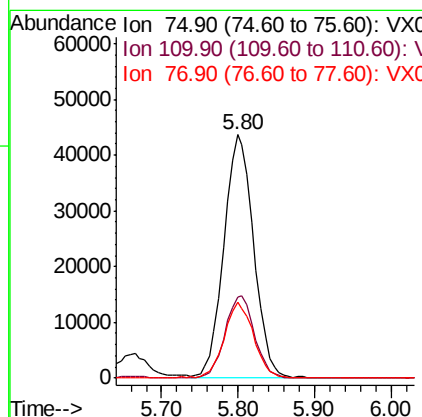
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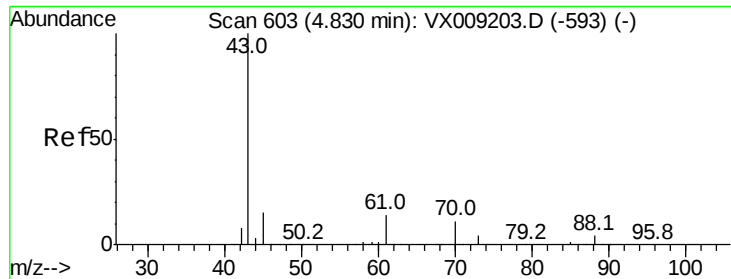
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#36
 1,1-Dichloropropene
 Concen: 49.378 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	30.9	24.8	37.2





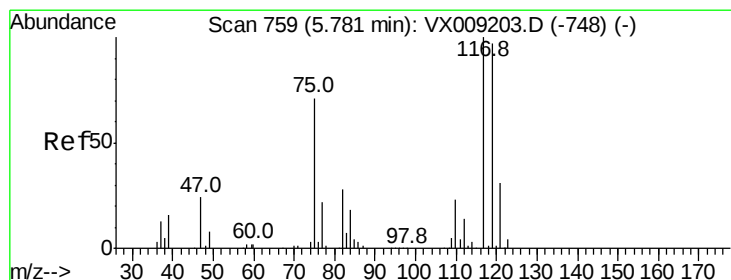
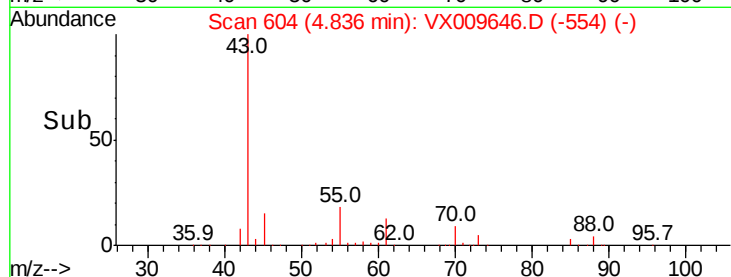
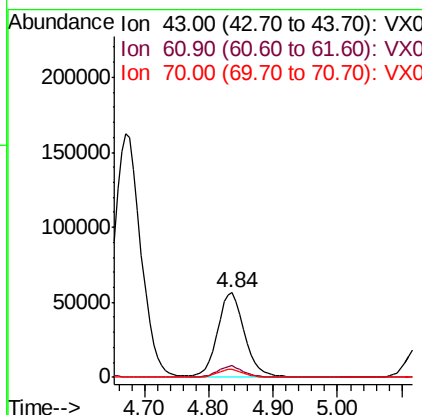
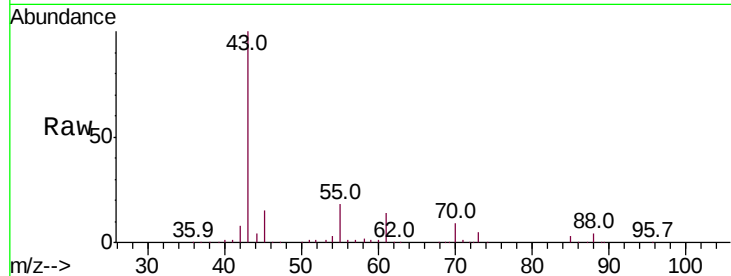
#37
Ethyl Acetate
Concen: 50.453 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.5	15.7
70	9.2	7.9	11.9

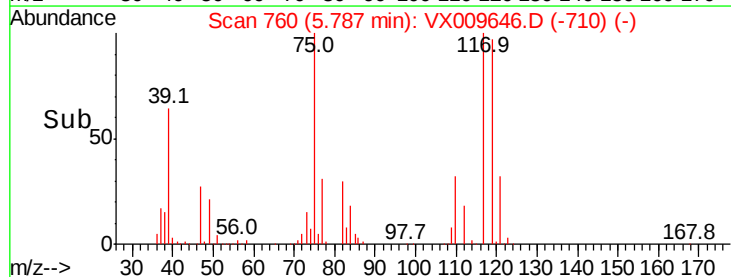
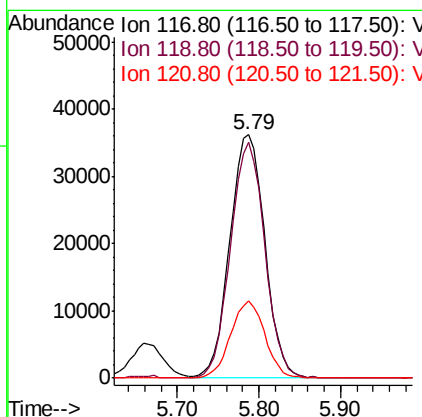
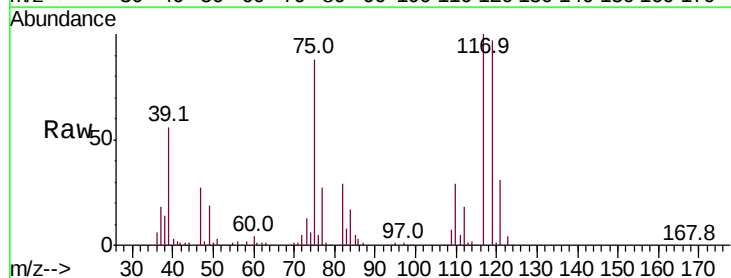
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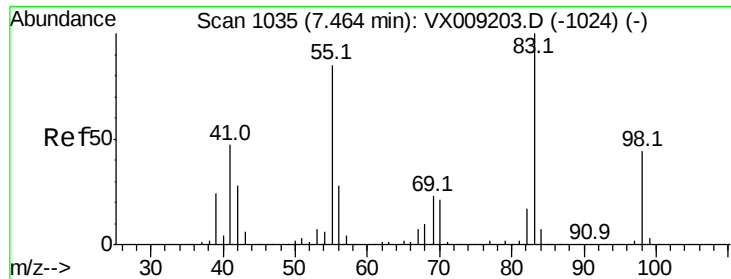
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#38
Carbon Tetrachloride
Concen: 50.072 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.5	116.3
121	31.5	24.7	37.1





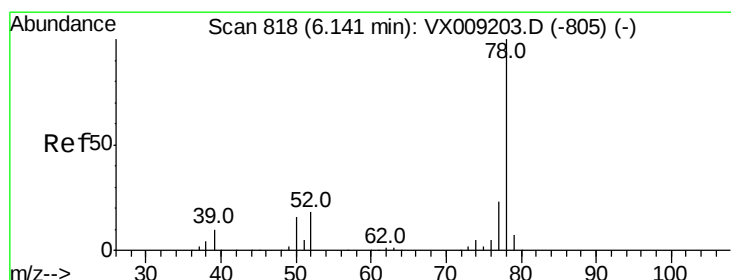
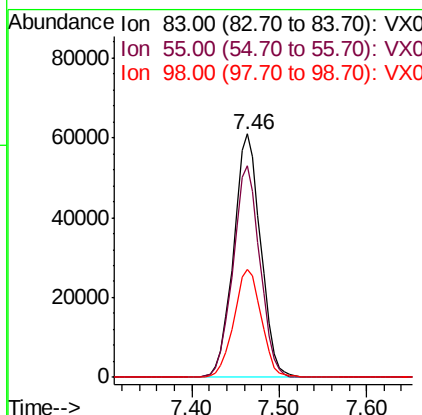
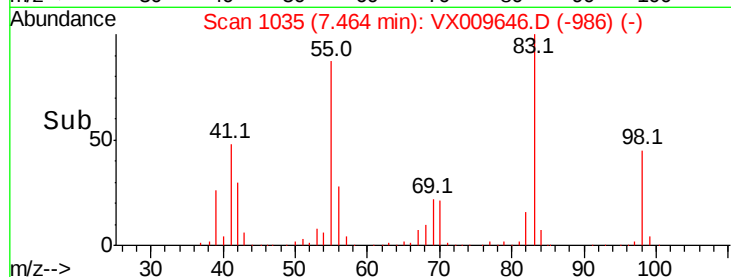
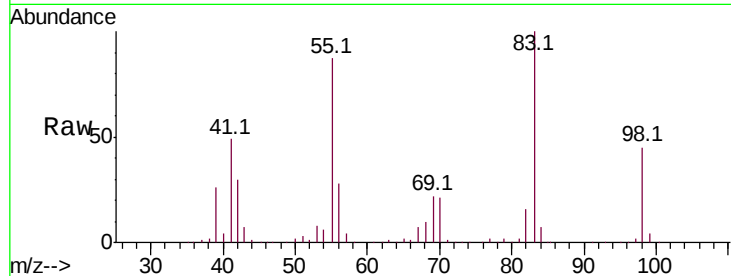
#39
Methvlcvclohexane
Concen: 45.077 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.9	67.7	101.5
98	44.5	35.5	53.3

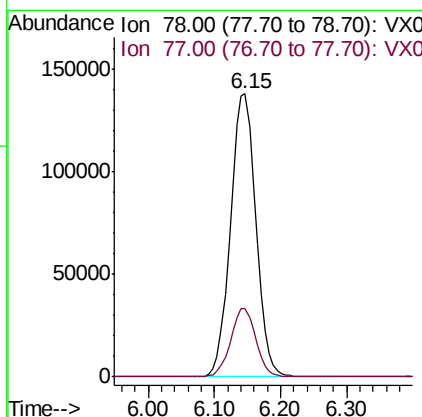
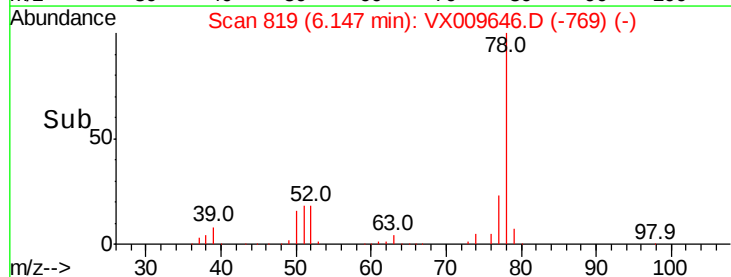
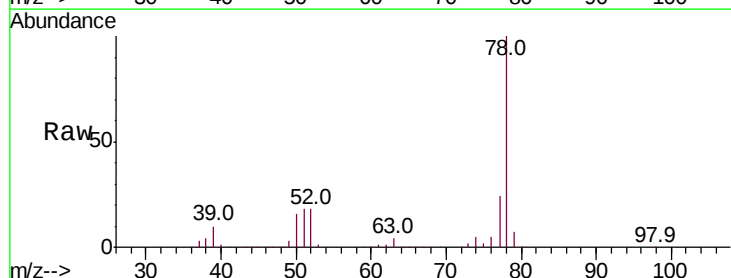
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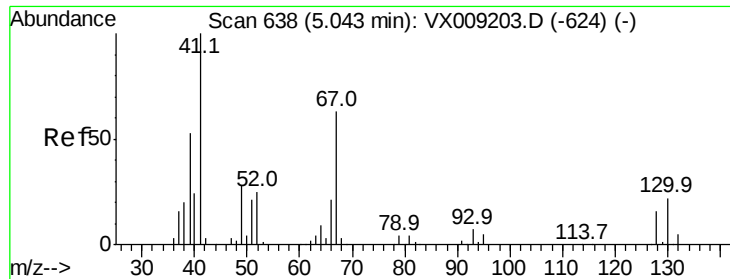
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#40
Benzene
Concen: 50.034 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





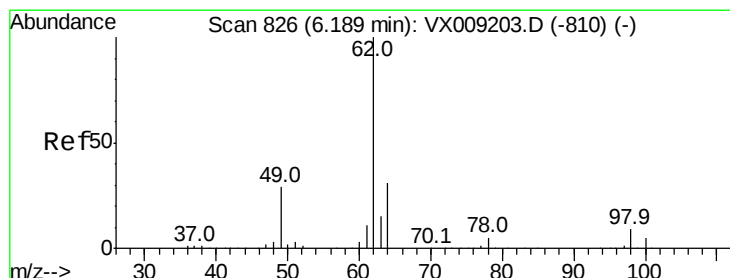
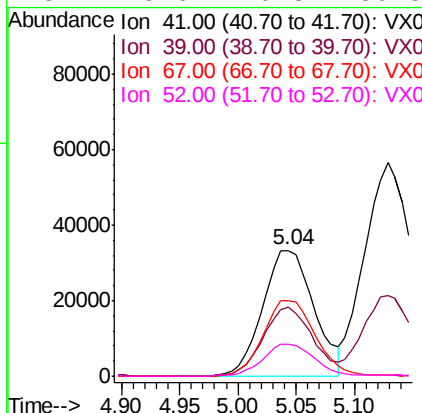
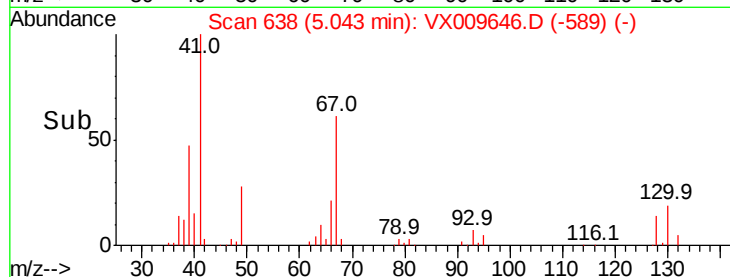
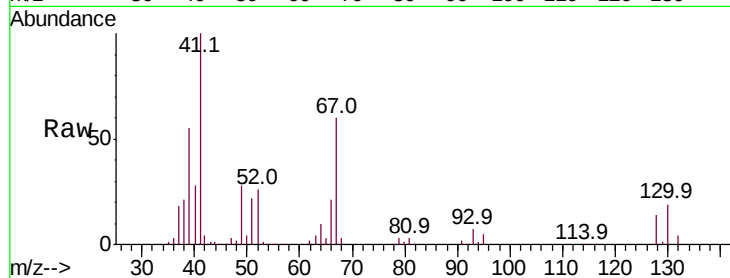
#41
Methacrylonitrile
Concen: 51.487 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	42.0	63.0	
67	62.1	49.8	74.8	
52	25.6	20.3	30.5	

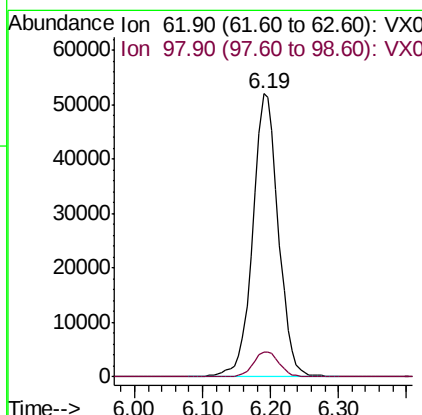
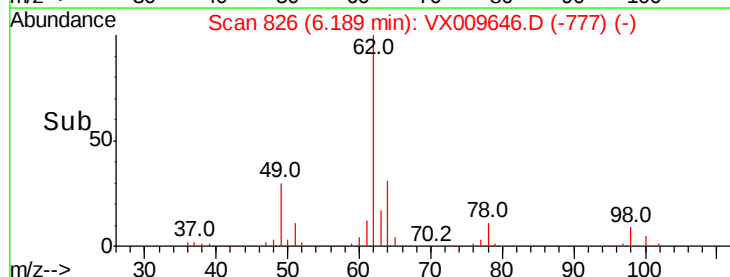
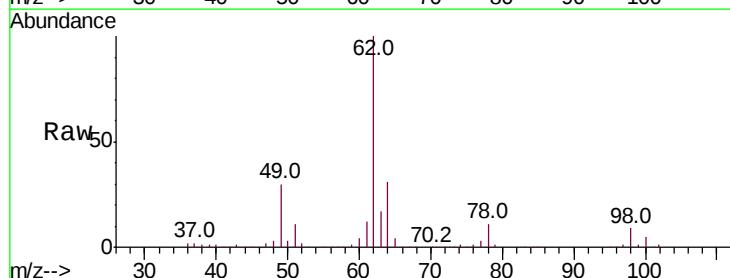
Manual Integrations
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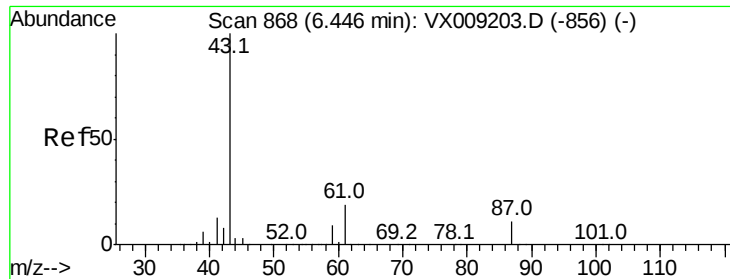
MMDadoda
5/17/2019 1:21:09 PM



#42
1,2-Dichloroethane
Concen: 51.904 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.2	





#43

Isopropyl Acetate

Concen: 51.513 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

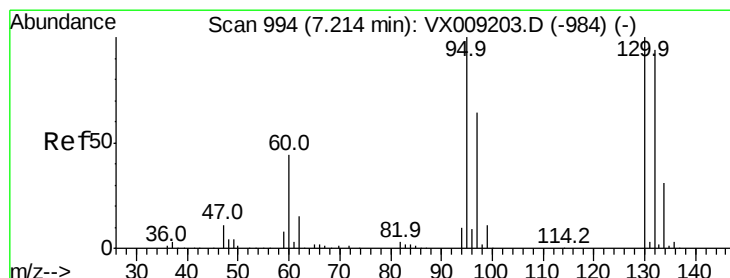
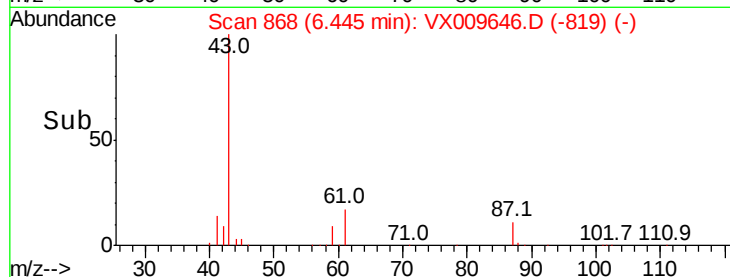
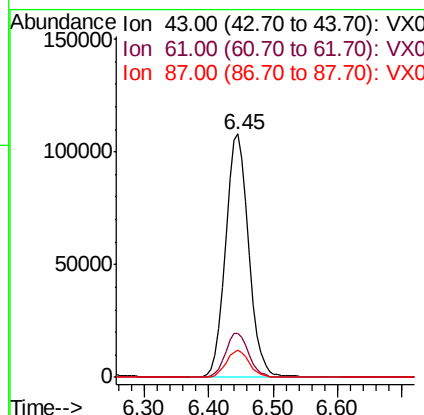
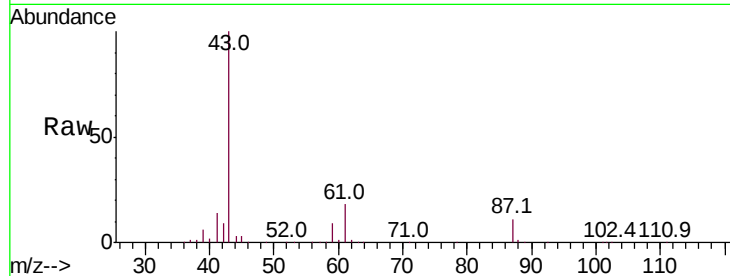
ClientSampleId :

SS052MW100-190514MSD

Tot Ion:	43	Resp:	272487
Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.1	22.7
87	11.1	9.0	13.6

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#44

Trichloroethene

Concen: 50.160 ug/l

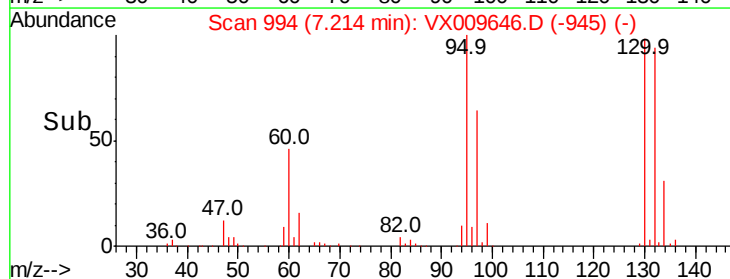
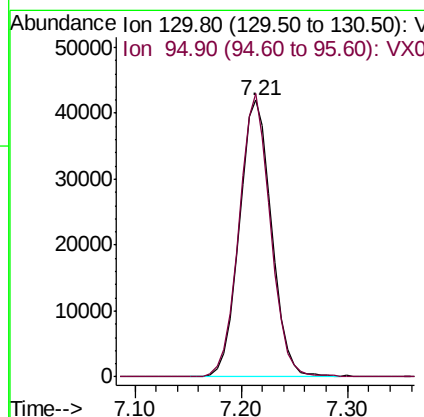
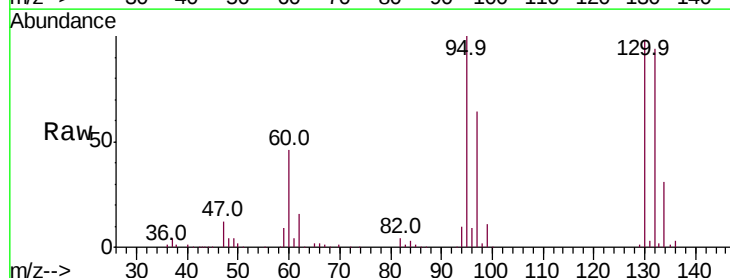
RT: 7.21 min Scan# 994

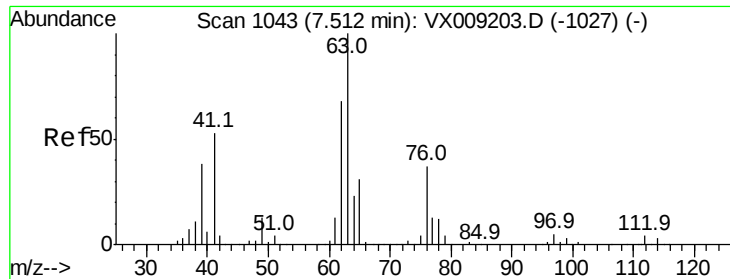
Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Tgt Ion:	130	Resp:	89074
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	199.2





#45

1,2-Dichloropropane

Concen: 51.359 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 63 Resp: 106823

Ion Ratio Lower Upper

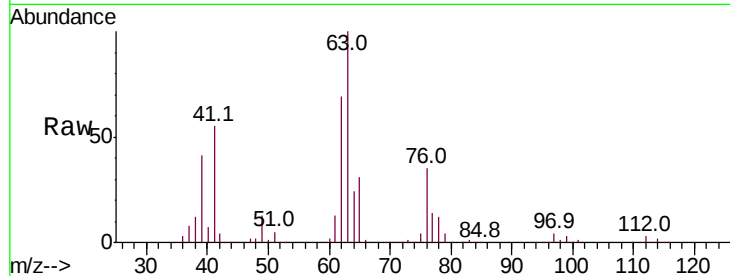
63 100

65 30.6 25.0 37.6

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

20000

10000

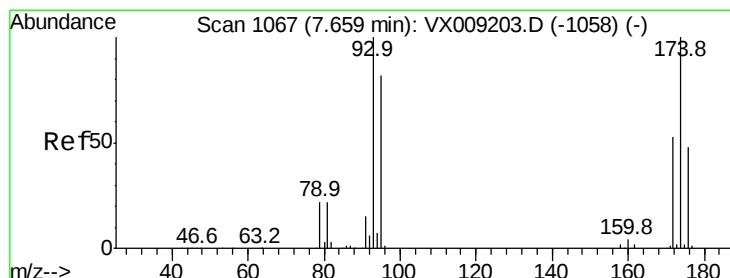
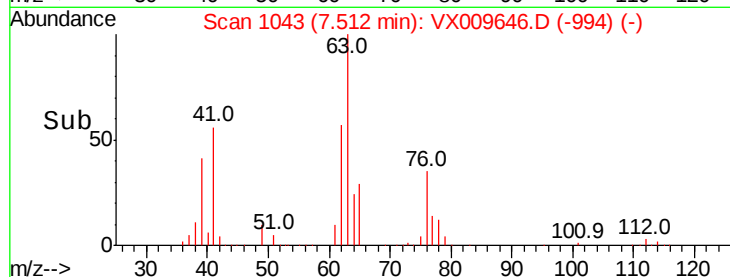
0

7.40

7.50

7.60

Time-->



#46

Dibromomethane

Concen: 50.211 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

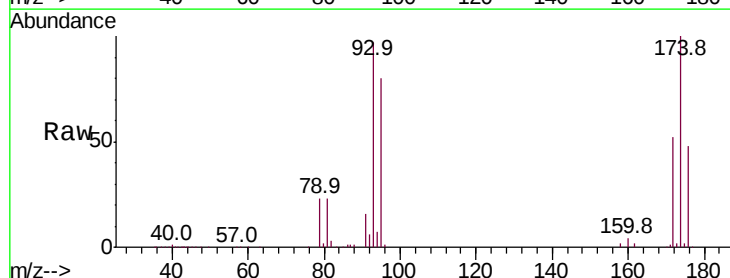
Tgt Ion: 93 Resp: 60647

Ion Ratio Lower Upper

93 100

95 83.4 66.5 99.7

174 104.7 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

40000

30000

20000

10000

0

7.55

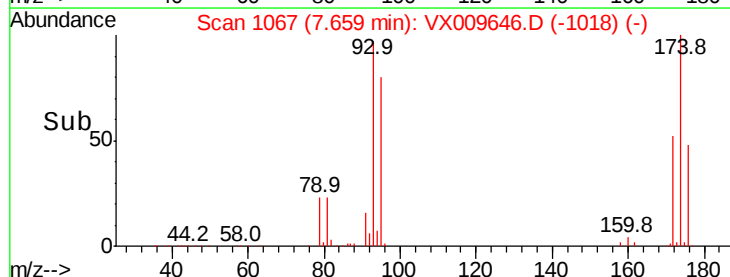
7.60

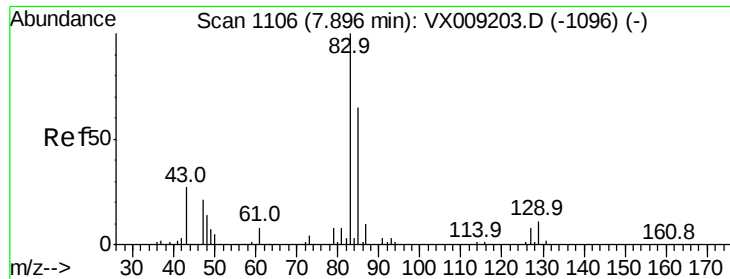
7.65

7.70

7.75

Time-->





#47

Bromodichloromethane

Concen: 51.792 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

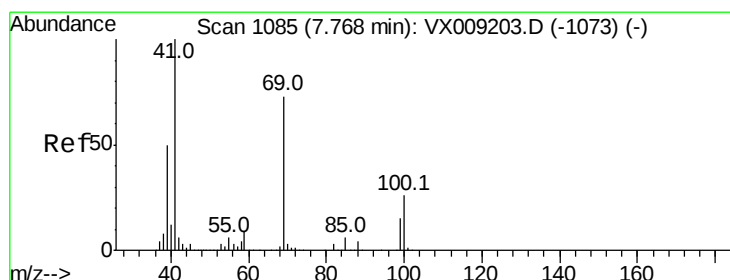
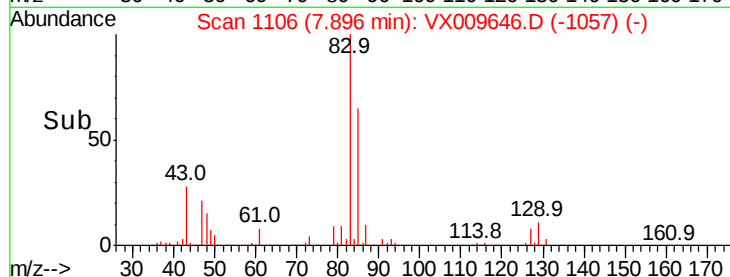
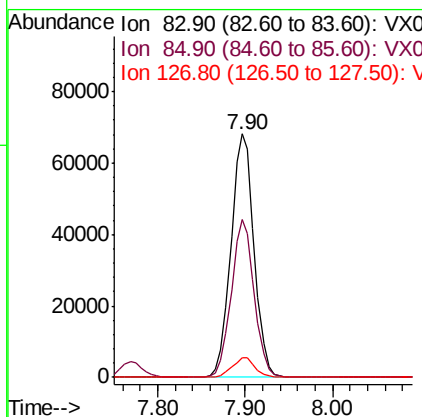
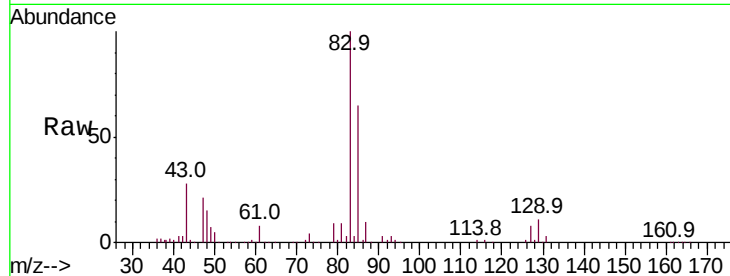
ClientSampleId :

SS052MW100-190514MSD

Tot Ion:	83	Resp:	124784
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.4	78.6
127	8.3	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.445 ug/l

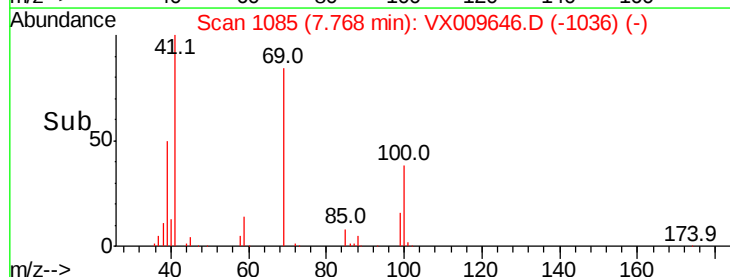
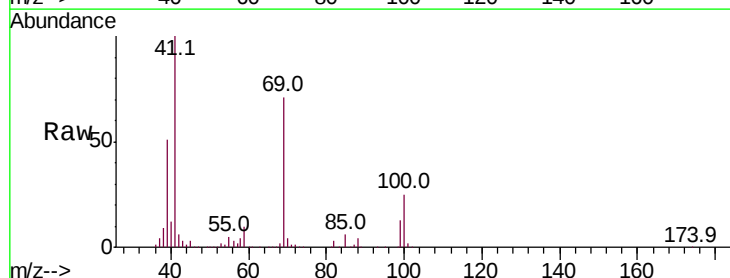
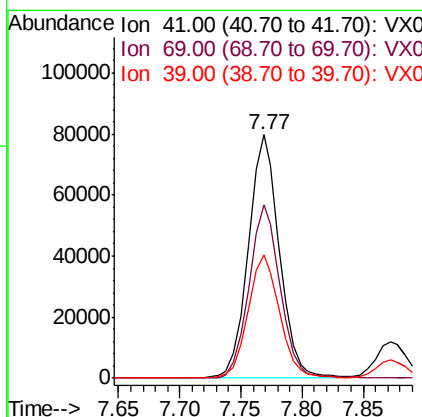
RT: 7.77 min Scan# 1085

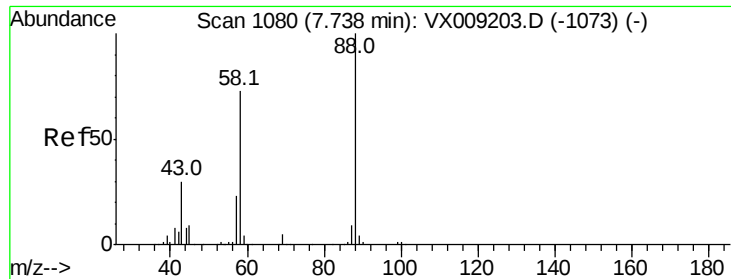
Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Tgt Ion:	41	Resp:	140256
Ion	Ratio	Lower	Upper
41	100		
69	71.6	59.1	88.7
39	51.4	40.4	60.6





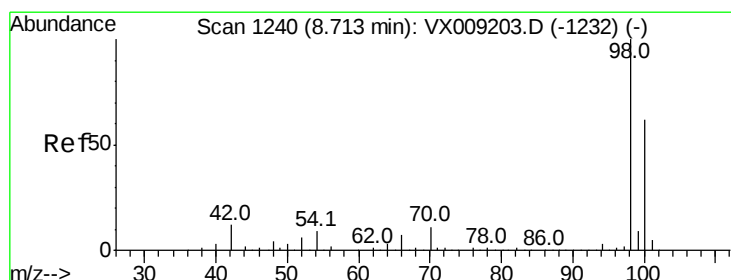
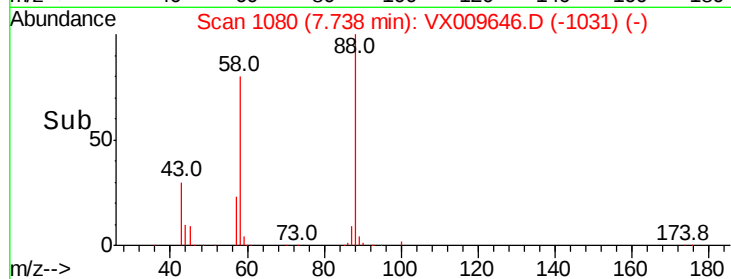
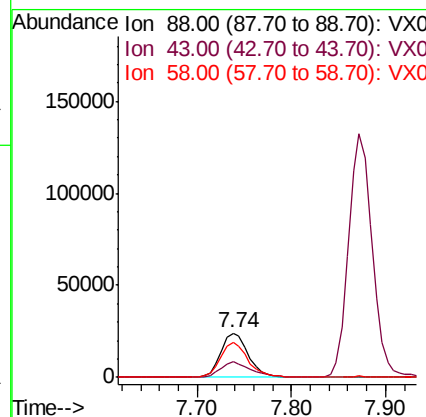
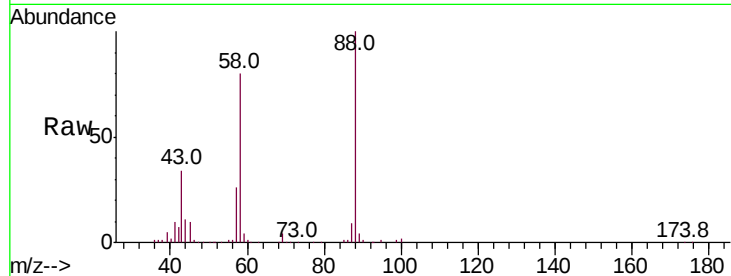
#49
1,4-Dioxane
Concen: 924.166 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.0	28.6	42.8
58	78.4	61.7	92.5

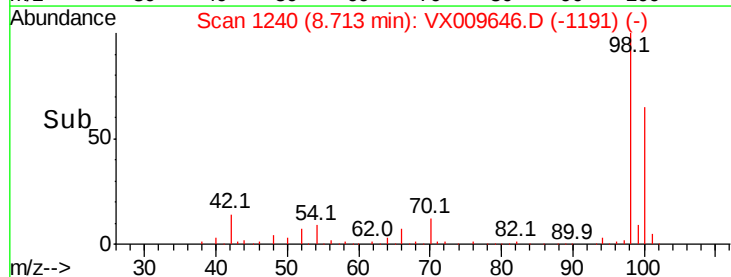
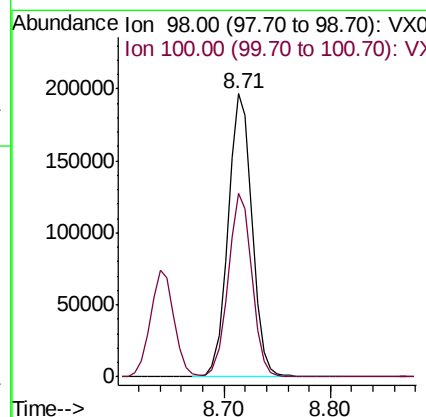
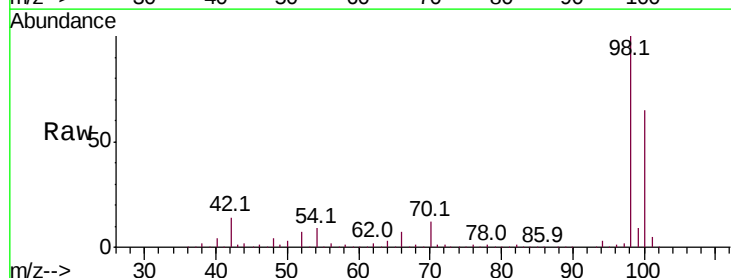
Manual Integrations
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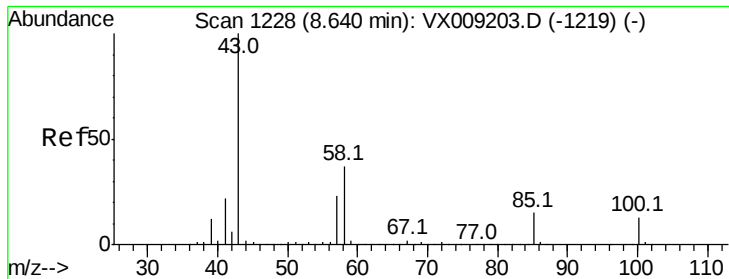
MMDadoda
5/17/2019 1:21:09 PM



#50
Toluene-d8
Concen: 47.726 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 270.596 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 43 Resp: 935566

Ion Ratio Lower Upper

43 100

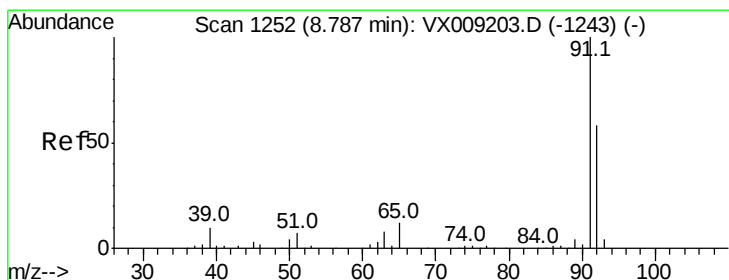
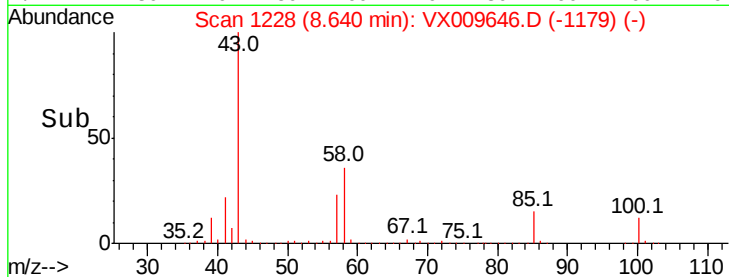
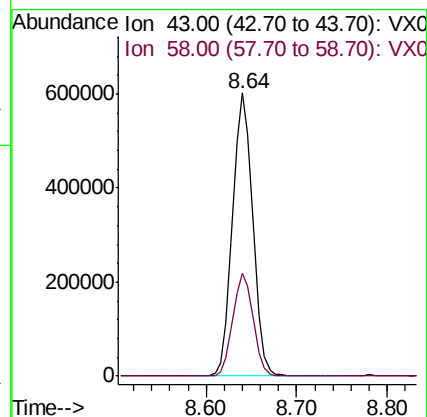
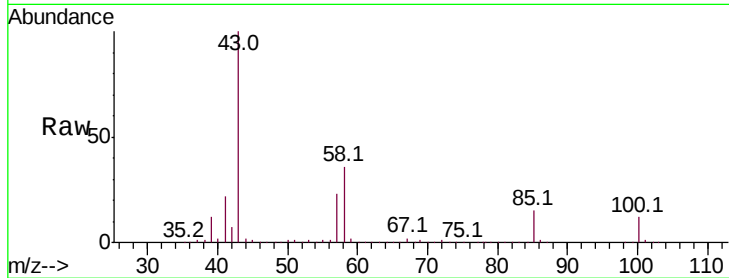
58 36.4 29.5 44.3

Manual Integrations

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#52

Toluene

Concen: 50.503 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009646.D

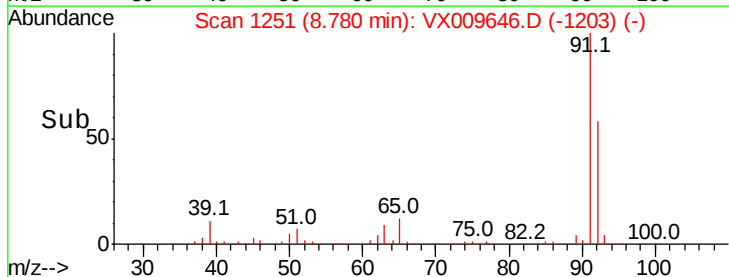
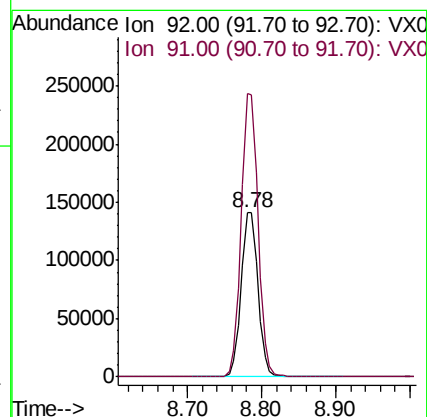
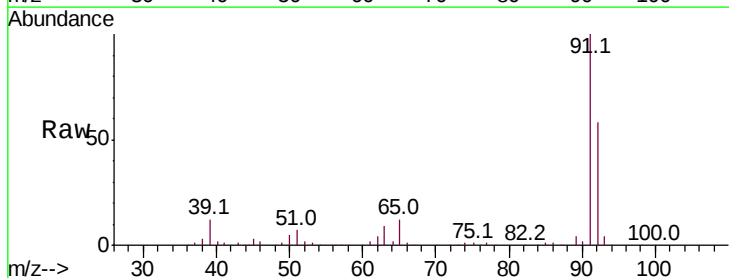
Acq: 17 May 2019 07:10

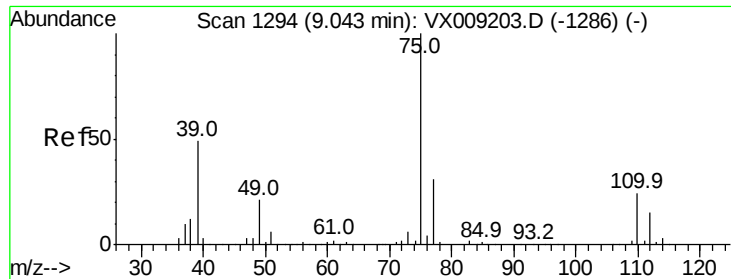
Tgt Ion: 92 Resp: 225502

Ion Ratio Lower Upper

92 100

91 172.9 138.8 208.2





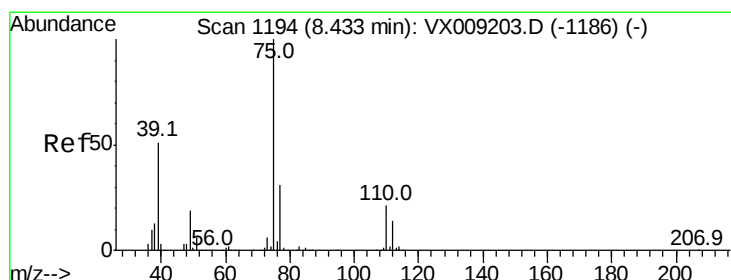
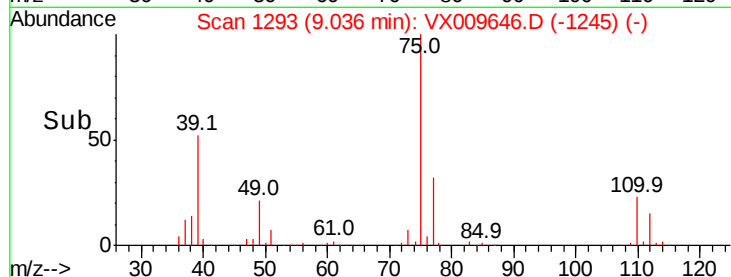
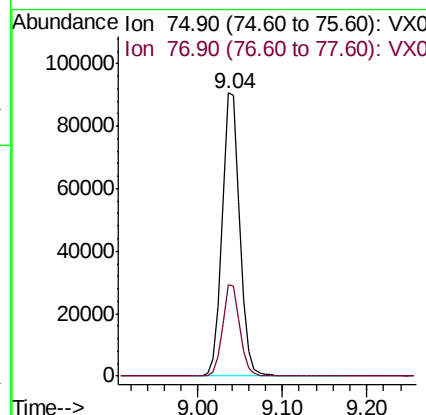
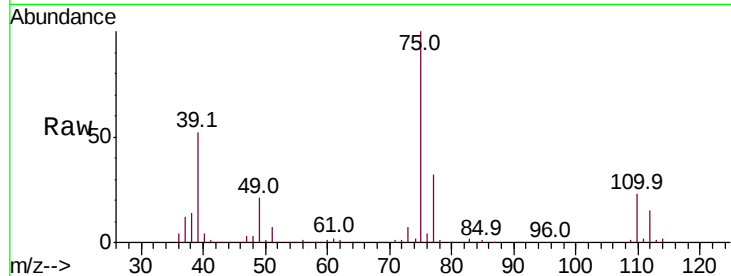
#53
 t-1,3-Dichloropropene
 Concen: 48.453 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MSD

Tot Ion: 75 Resp: 131801
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.6

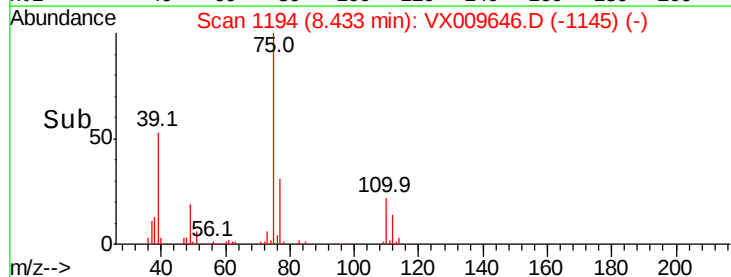
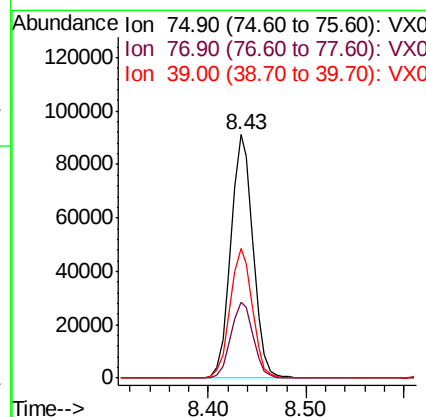
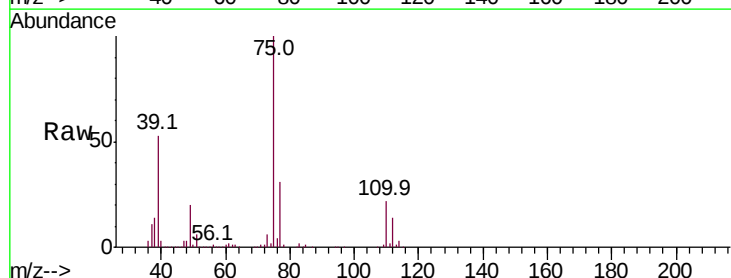
Manual Integrations
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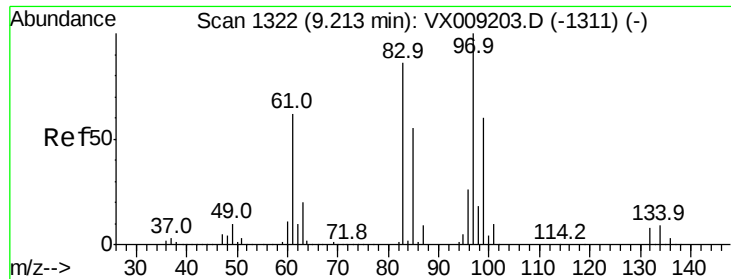
MMDadoda
 5/17/2019 1:21:09 PM



#54
 cis-1,3-Dichloropropene
 Concen: 47.696 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Tgt Ion: 75 Resp: 143602
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8
 39 53.4 40.6 60.8





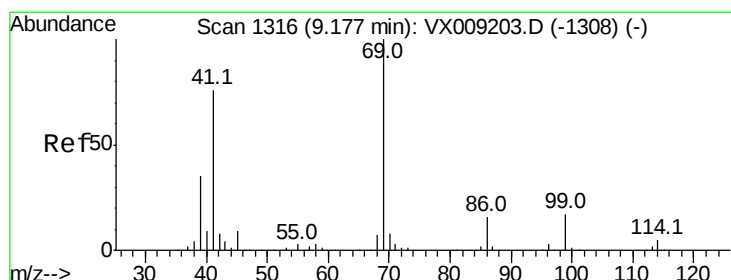
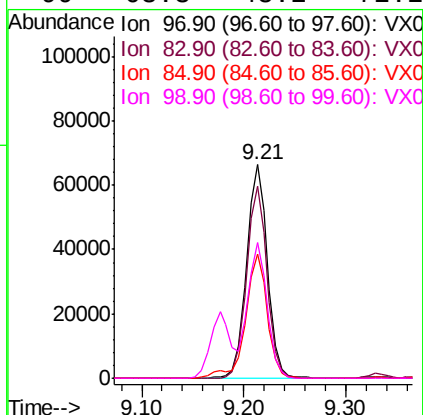
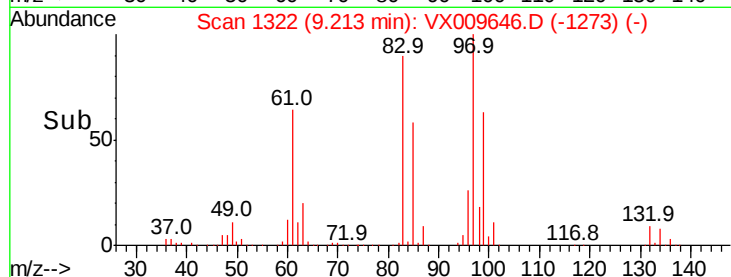
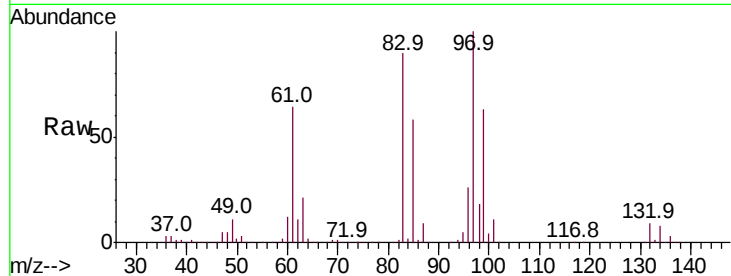
#55
1,1,2-Trichloroethane
Concen: 51.681 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		94145		
83	89.7	68.9	103.3		
85	58.0	43.8	65.6		
99	63.3	48.2	72.2		

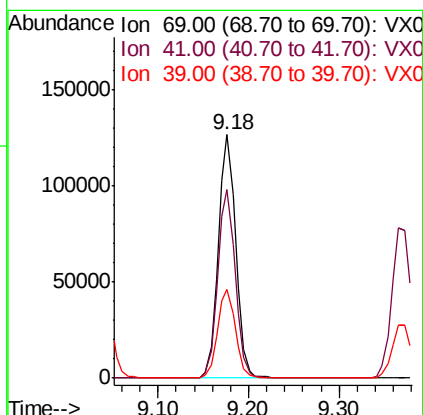
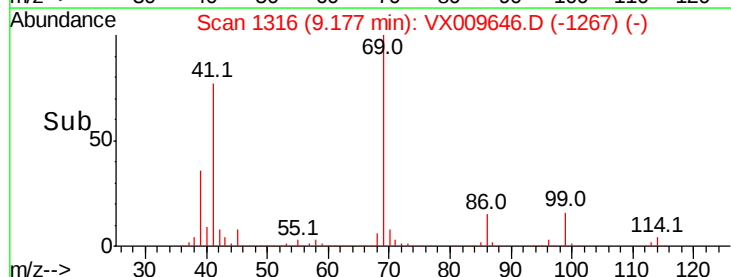
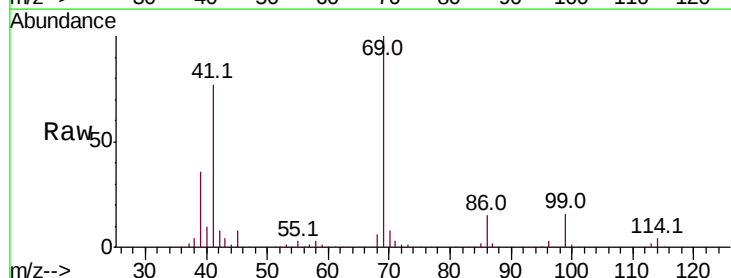
Manual Integrations
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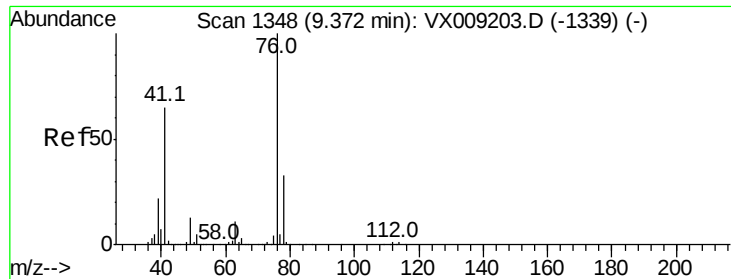
MMDadoda
5/17/2019 1:21:09 PM



#56
Ethyl methacrylate
Concen: 52.604 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		171055		
41	77.5	60.6	90.8		
39	37.0	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 51.299 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 76 Resp: 164448

Ion Ratio Lower Upper

76 100

78 31.9

25.5

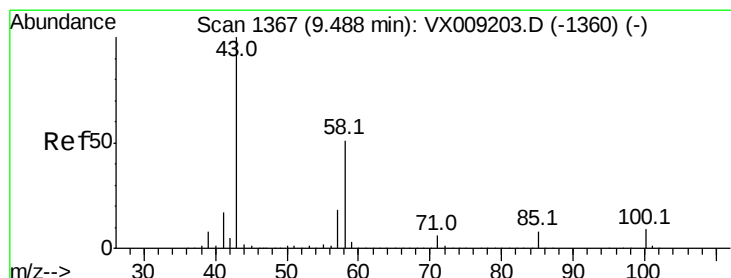
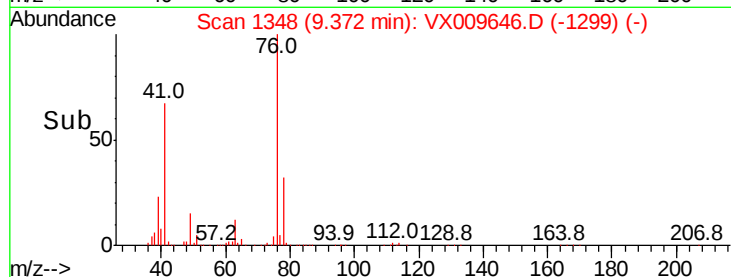
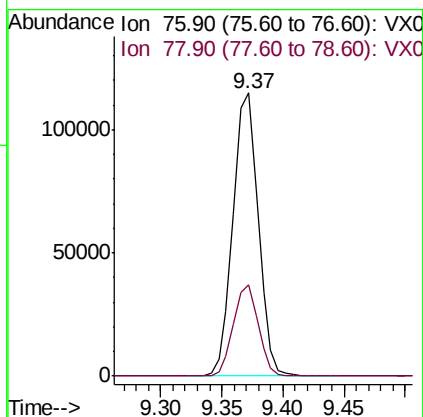
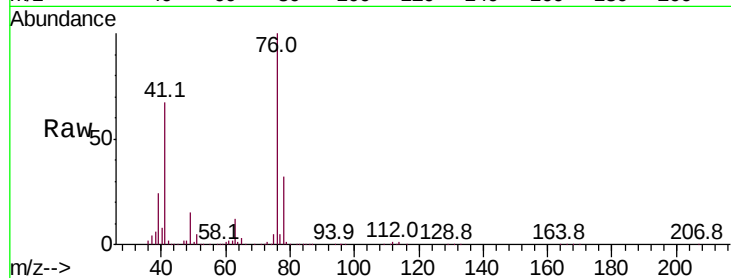
38.3

Manual Integrations

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#59

2-Hexanone

Concen: 267.195 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Tgt Ion: 43 Resp: 725547

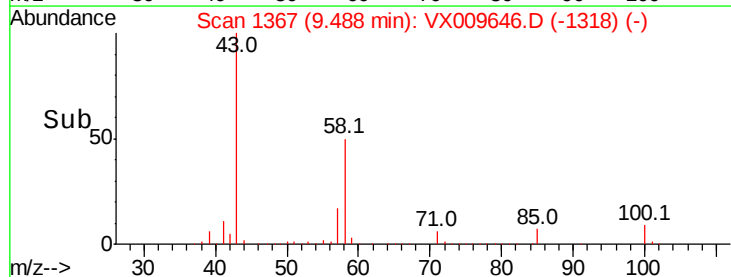
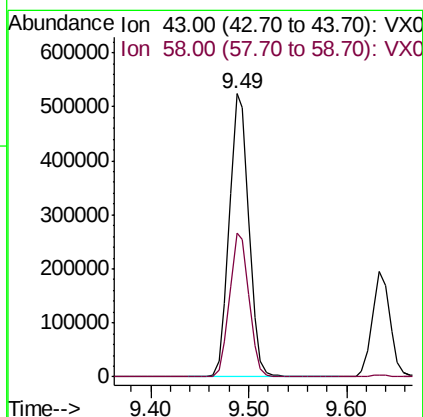
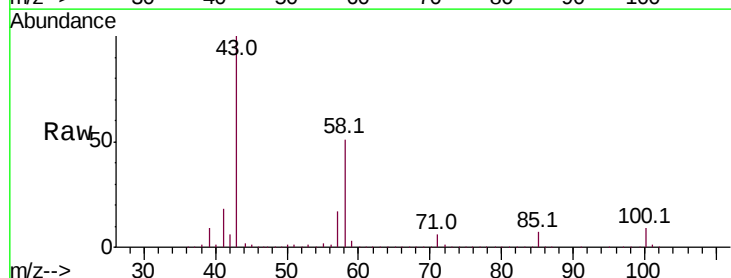
Ion Ratio Lower Upper

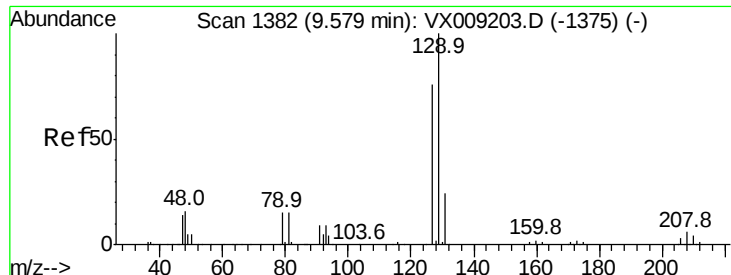
43 100

58 50.8

25.9

77.7





#60

Dibromochloromethane

Concen: 53.282 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion:129 Resp: 94798

Ion Ratio Lower Upper

129 100

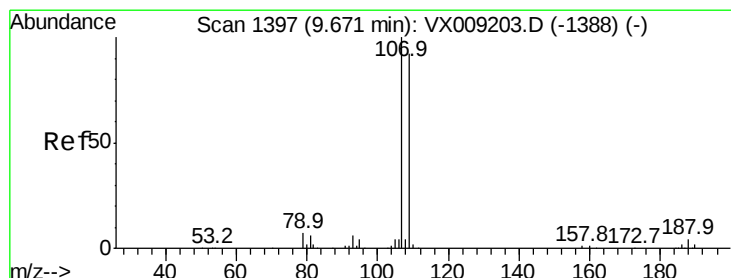
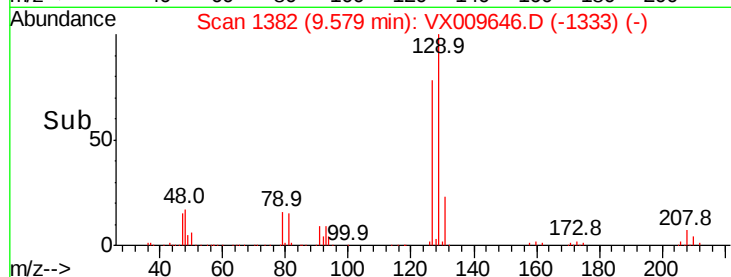
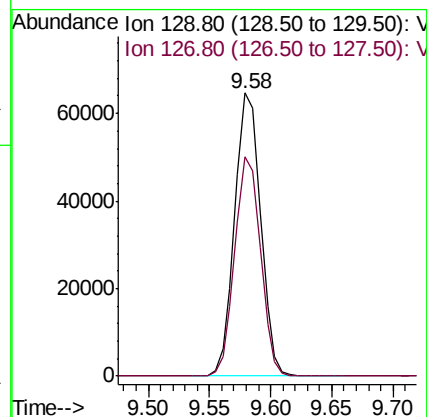
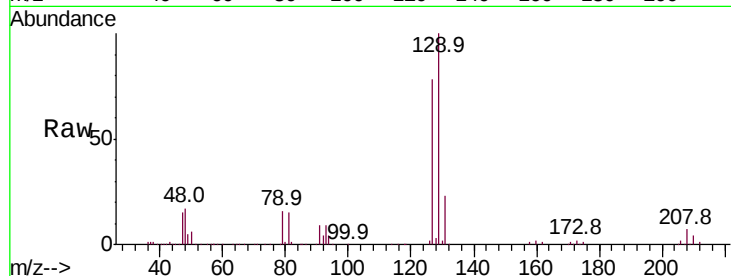
127 77.1 38.4 115.1

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#61

1,2-Dibromoethane

Concen: 51.520 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009646.D

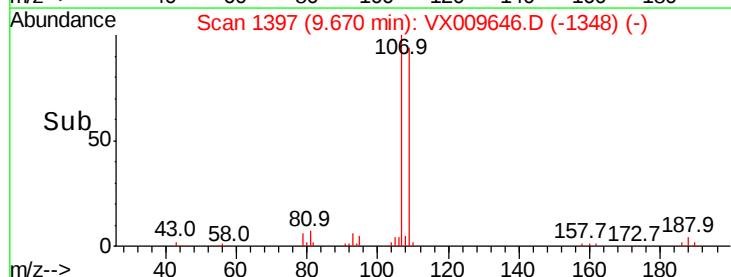
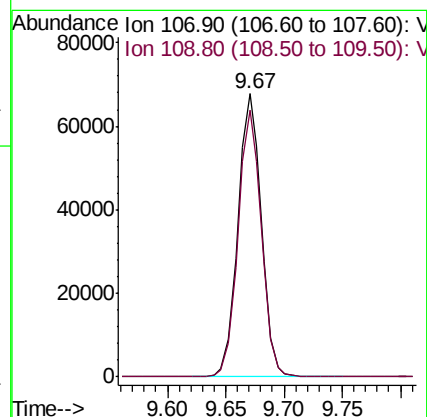
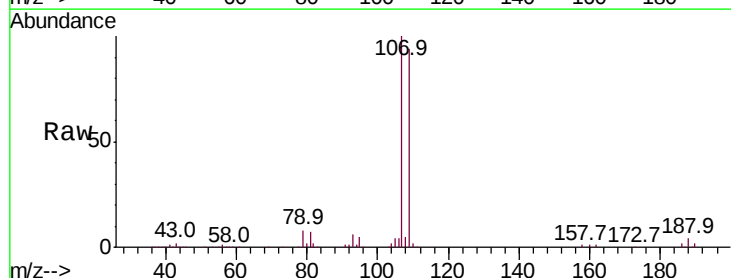
Acq: 17 May 2019 07:10

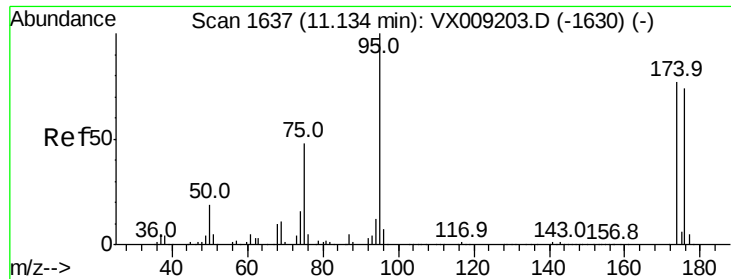
Tgt Ion:107 Resp: 94736

Ion Ratio Lower Upper

107 100

109 93.9 75.2 112.8





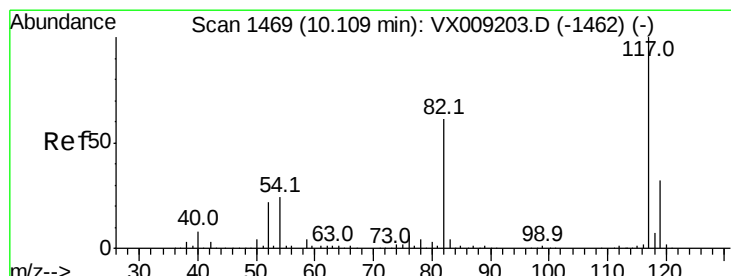
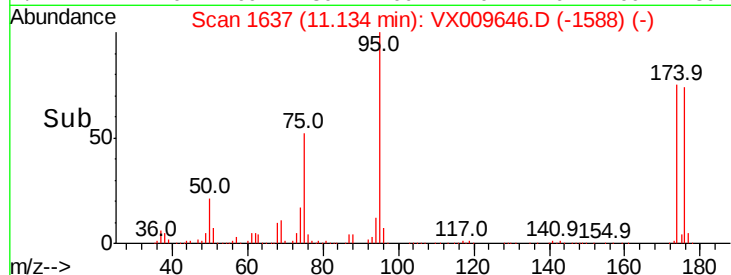
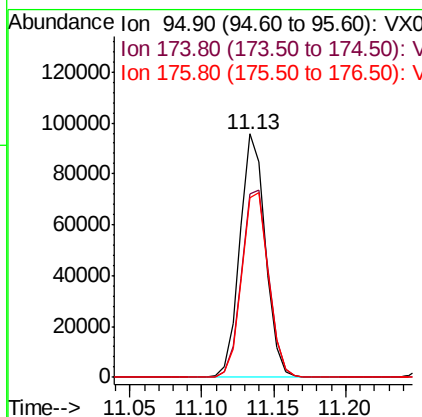
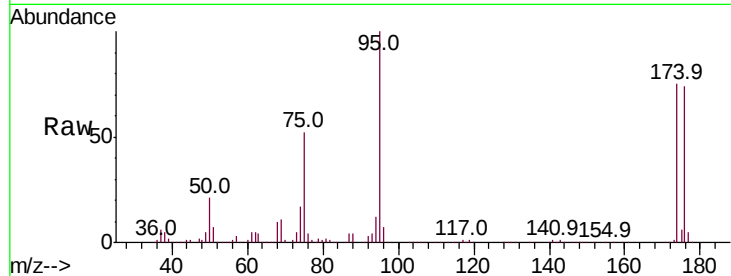
#62
4-Bromofluorobenzene
Concen: 49.916 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	117568		
174	81.3	0.0	161.6	
176	79.4	0.0	159.2	

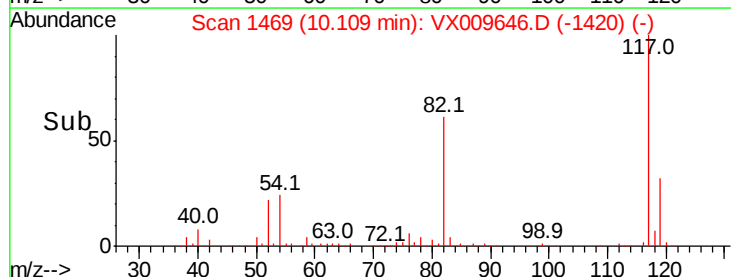
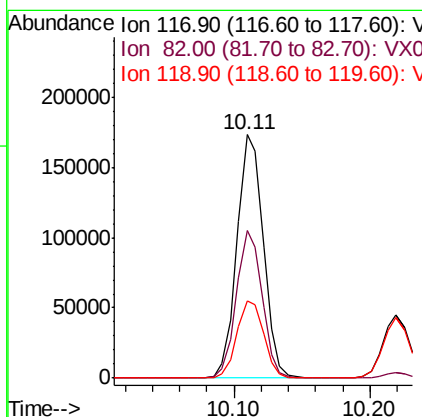
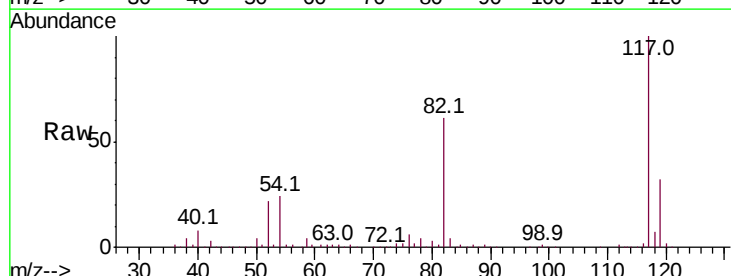
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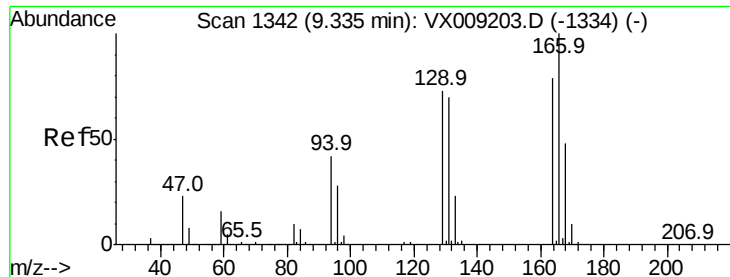
MMDadoda
5/17/2019 1:21:09 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	234576		
82	60.6	48.8	73.2	
119	31.7	25.8	38.6	





#64

Tetrachloroethene

Concen: 46.869 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion:164 Resp: 75417

Ion Ratio Lower Upper

164 100

166 126.6 101.2 151.8

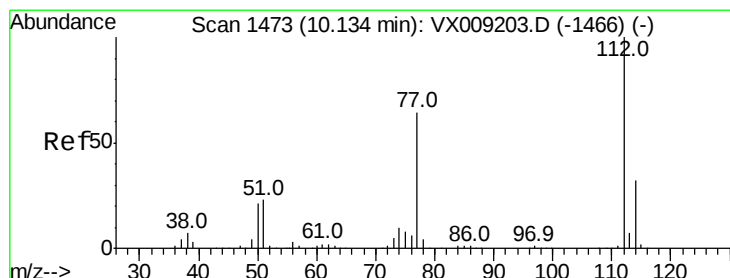
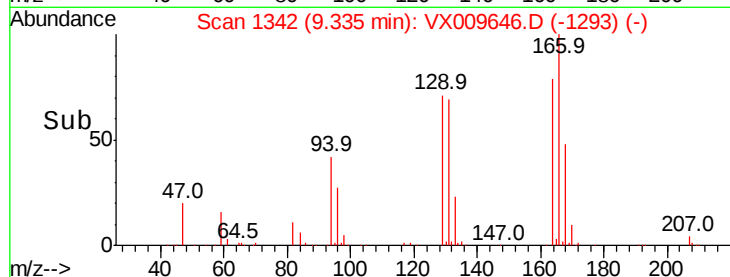
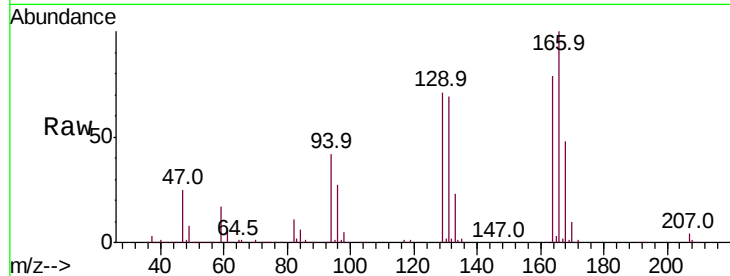
129 90.3 74.3 111.5

131 87.3 71.0 106.6

Manual Integrations
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#65

Chlorobenzene

Concen: 49.976 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009646.D

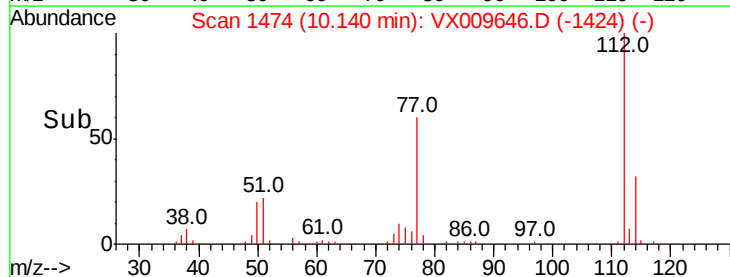
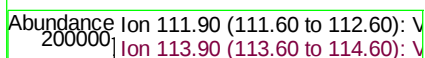
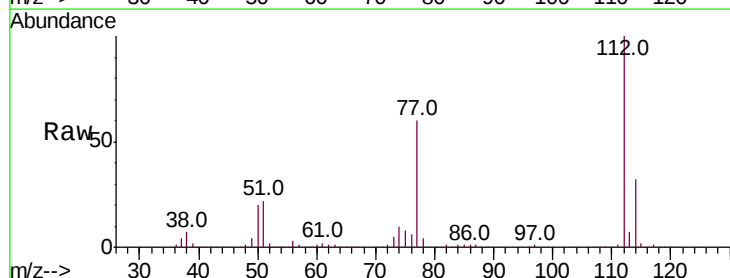
Acq: 17 May 2019 07:10

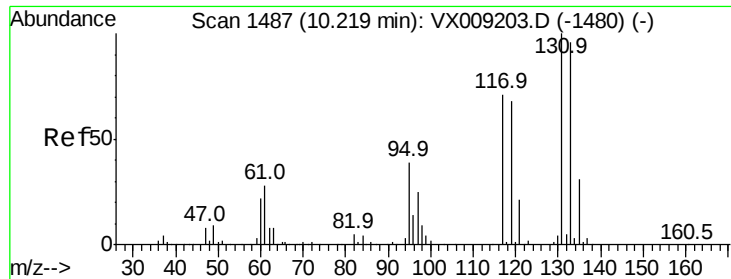
Tgt Ion:112 Resp: 234514

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3





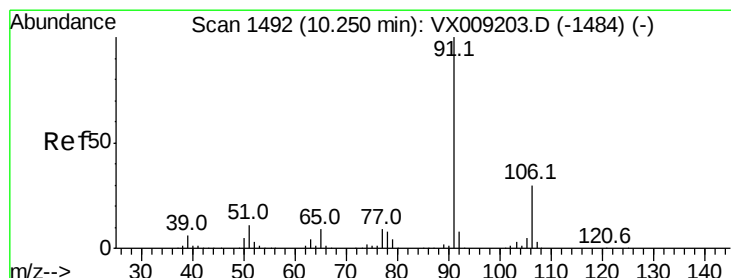
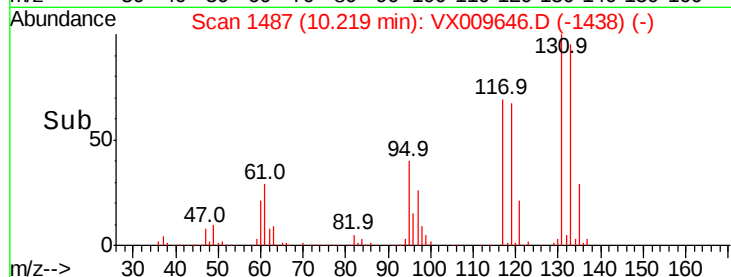
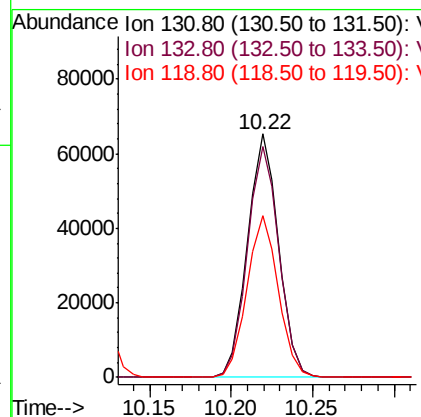
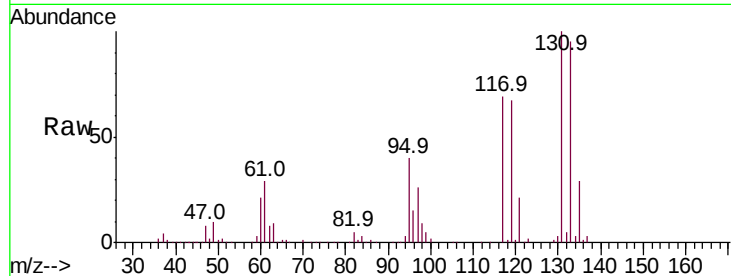
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.014 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.7	143.1
119	66.9	33.5	100.4

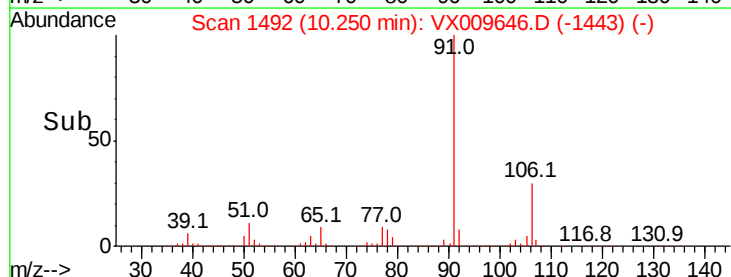
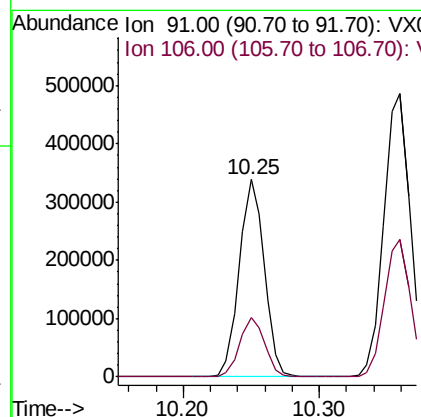
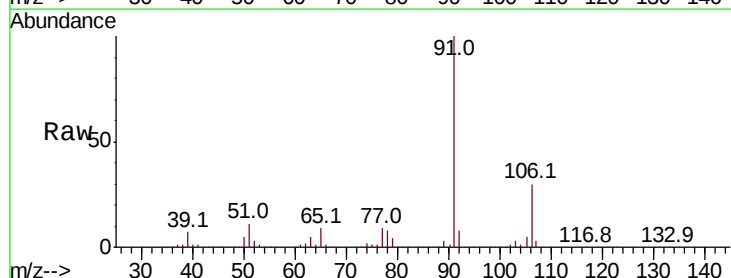
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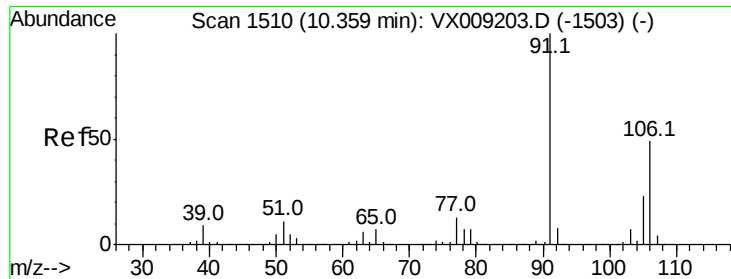
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#67
 Ethyl Benzene
 Concen: 50.337 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.0	36.0





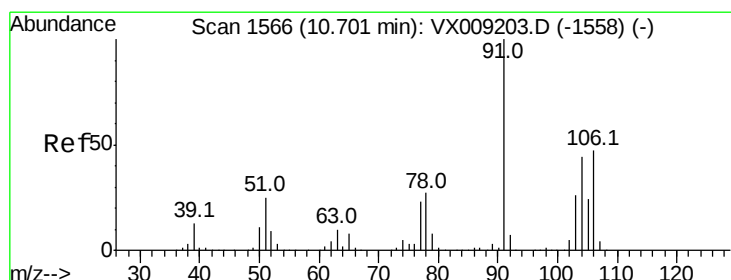
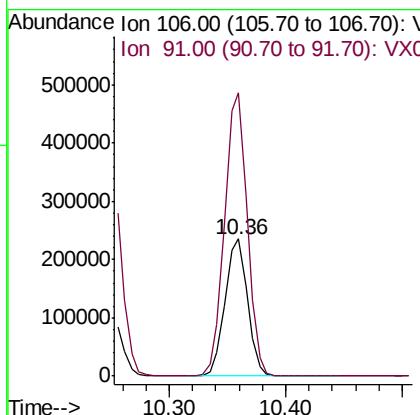
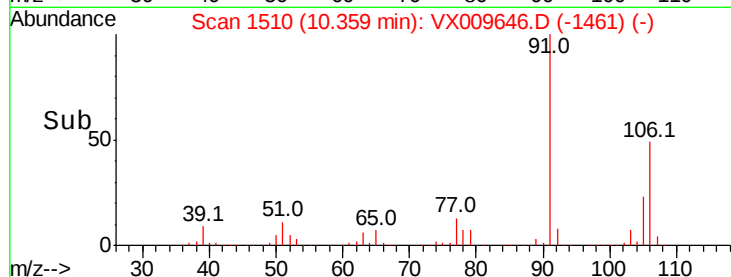
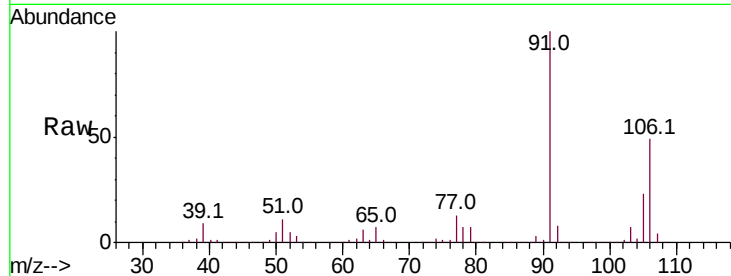
#68
m/p-Xvlenes
Concen: 100.270 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion:106 Resp: 316444
Ion Ratio Lower Upper
106 100
91 207.4 164.0 246.0

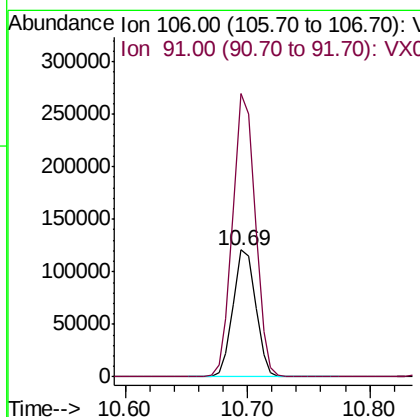
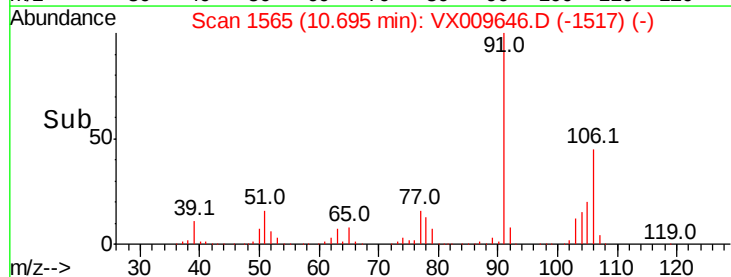
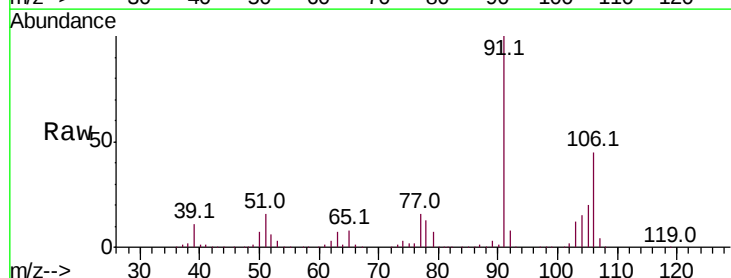
Manual Integrations
APPROVED

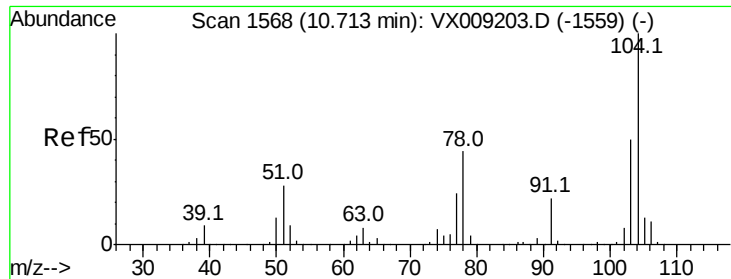
MMDadoda
5/17/2019 1:21:09 PM



#69
o-Xylene
Concen: 50.003 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion:106 Resp: 155697
Ion Ratio Lower Upper
106 100
91 221.4 109.5 328.4





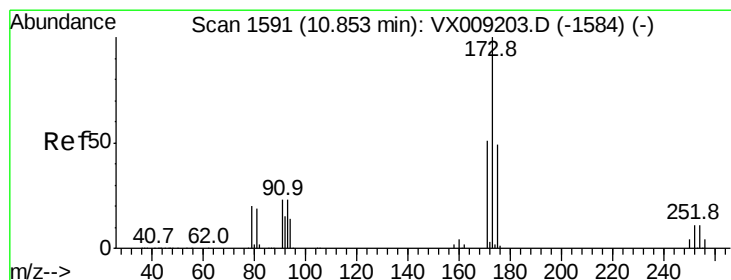
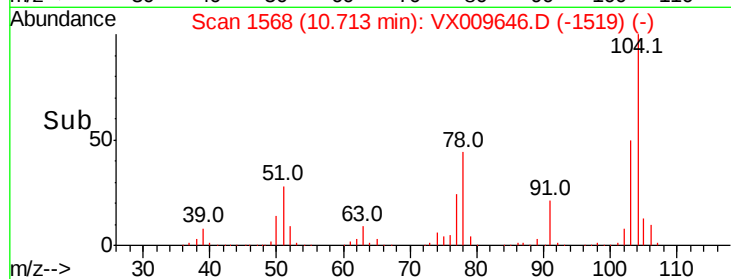
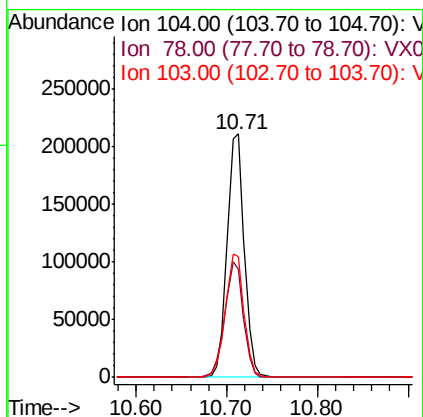
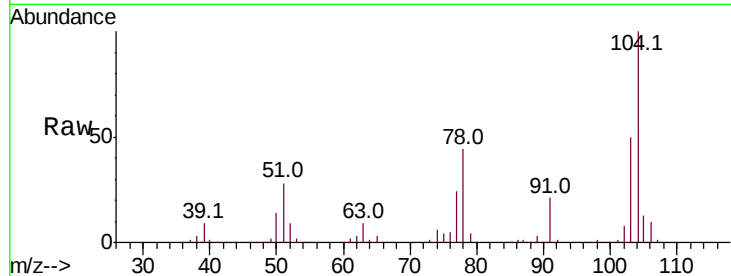
#70
Stvrene
Concen: 51.460 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.0	61.4
103	55.0	43.8	65.6

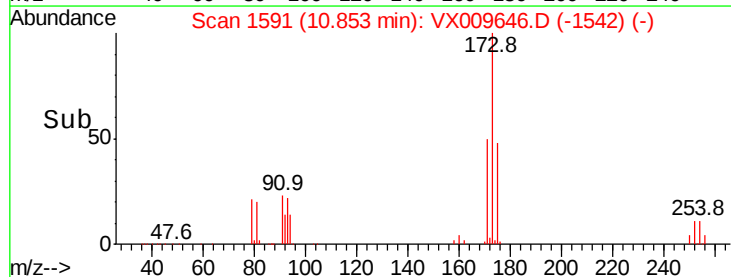
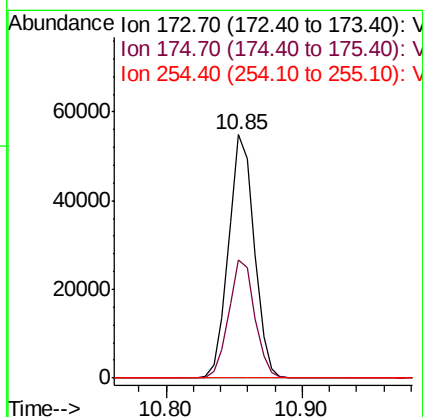
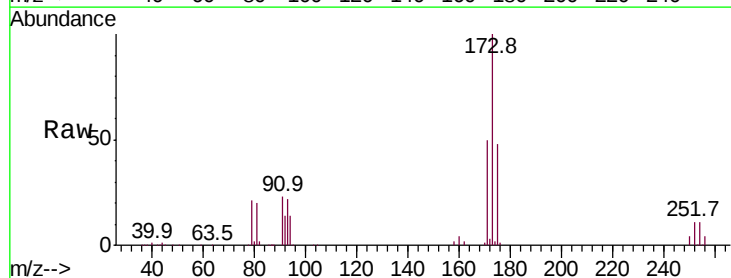
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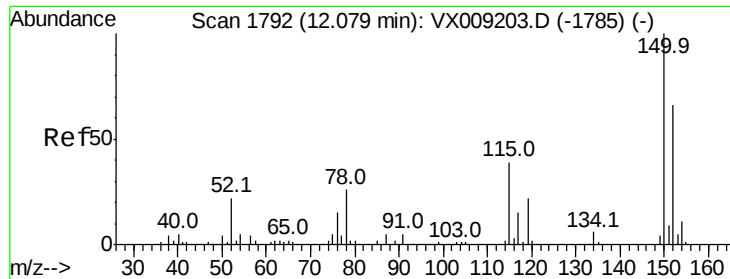
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#71
Bromoform
Concen: 52.076 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.5	73.5
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

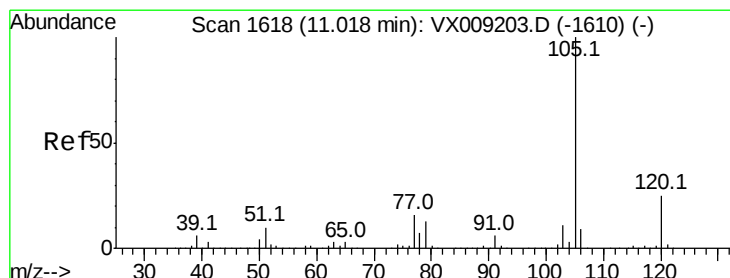
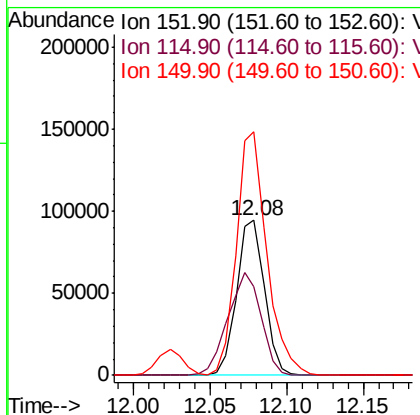
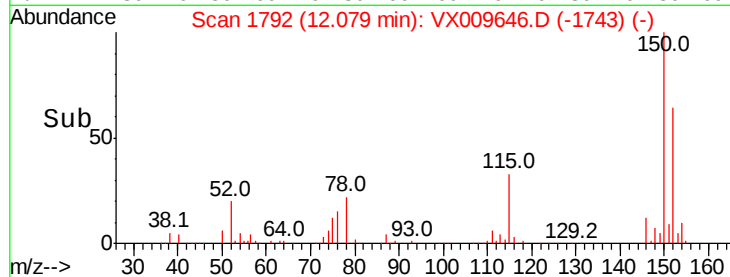
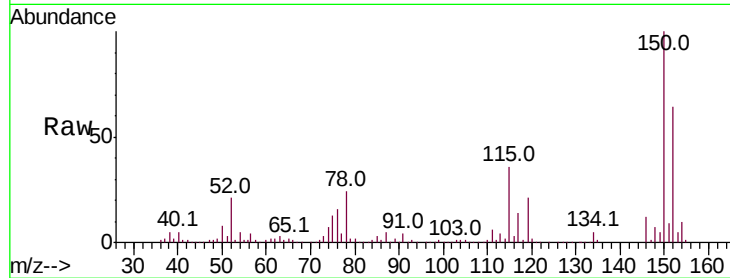
ClientSampleId :

SS052MW100-190514MSD

Tot Ion:	152	Resp:	118604
Ion Ratio	Lower	Upper	
152	100		
115	79.6	41.2	123.6
150	172.2	0.0	346.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 48.098 ug/l

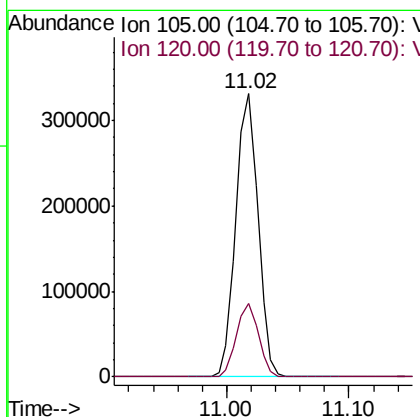
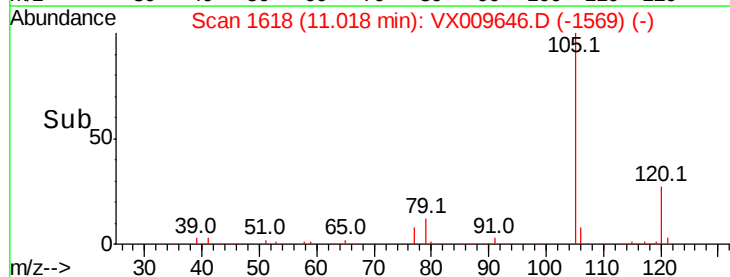
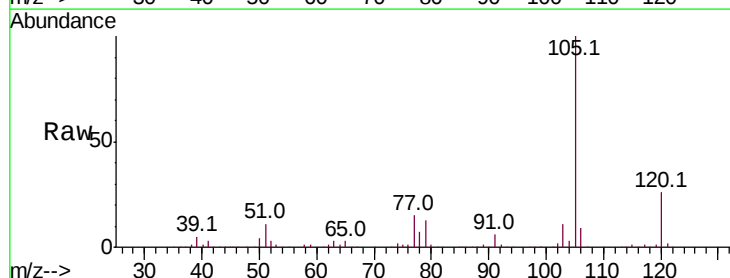
RT: 11.02 min Scan# 1618

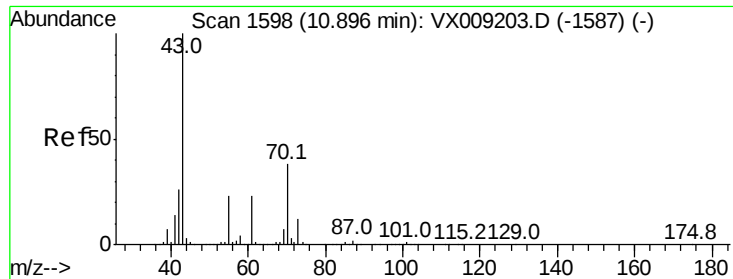
Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Tgt Ion:	105	Resp:	414831
Ion Ratio	Lower	Upper	
105	100		
120	25.8	12.8	38.3





#74

N-amvl acetate

Concen: 49.517 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

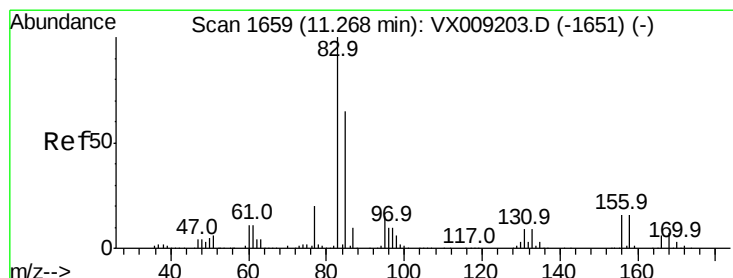
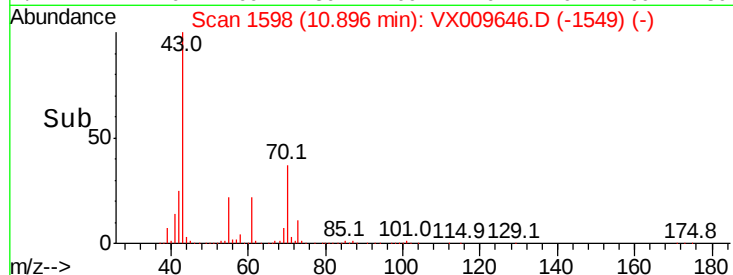
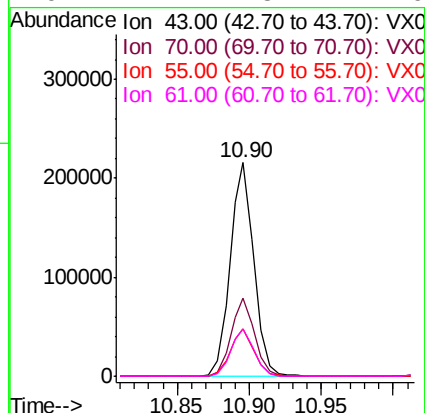
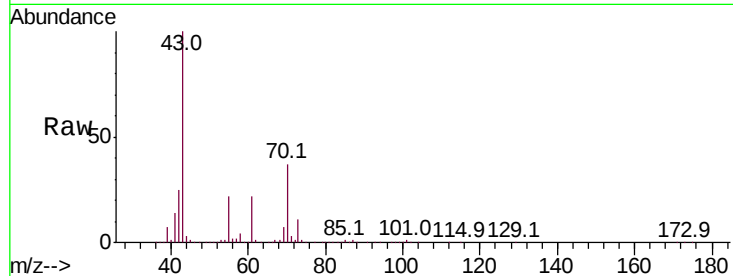
ClientSampleId :

SS052MW100-190514MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	36.4	30.0	45.0		
55	22.1	17.9	26.9		
61	22.1	18.4	27.6		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 49.822 ug/l

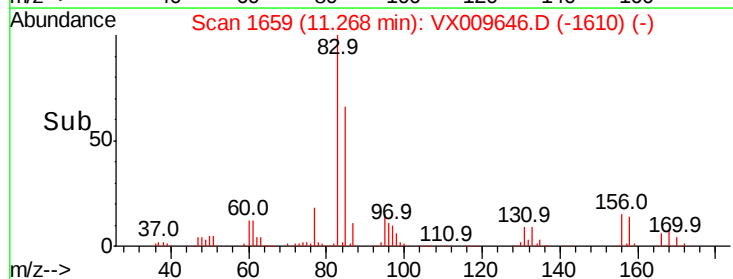
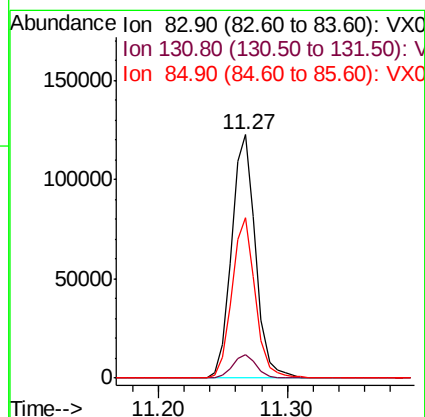
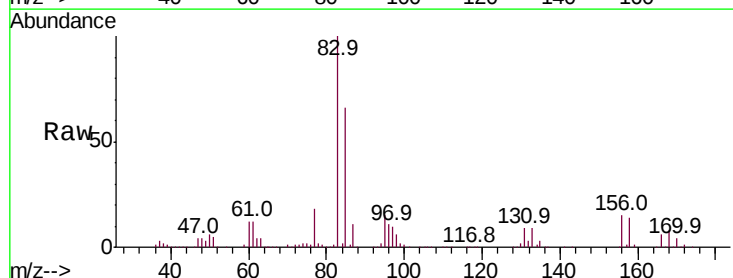
RT: 11.27 min Scan# 1659

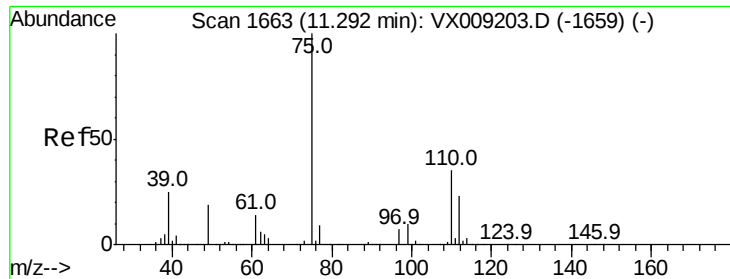
Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	9.4	4.6	13.8		
85	64.3	32.0	96.2		





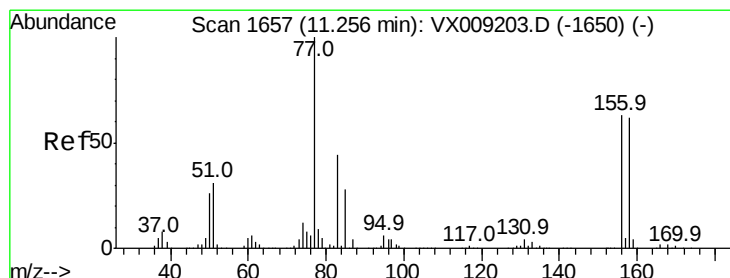
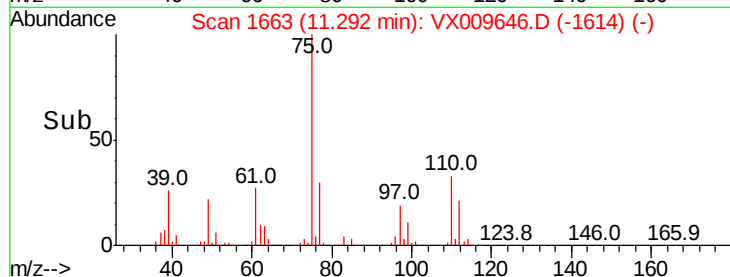
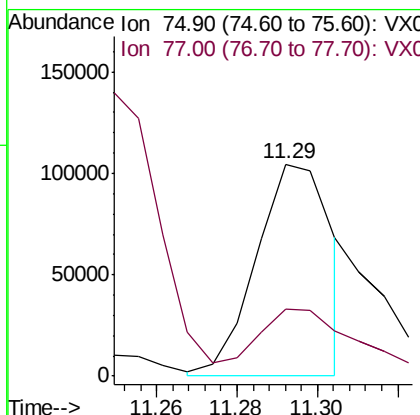
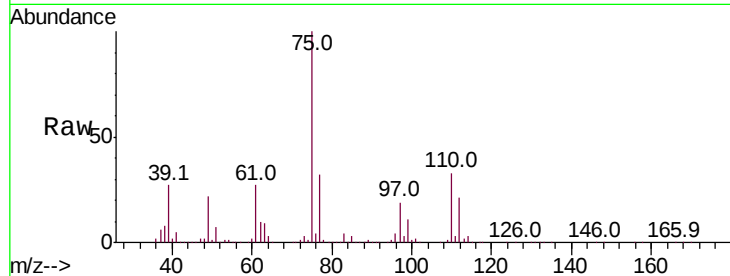
#76
 1,2,3-Trichloropropane
 Concen: 49.781 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MSD

Tot Ion: 75 Resp: 136957
 Ion Ratio Lower Upper
 75 100
 77 41.9 22.1 66.1

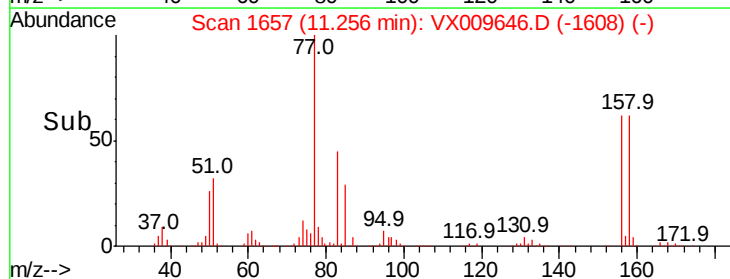
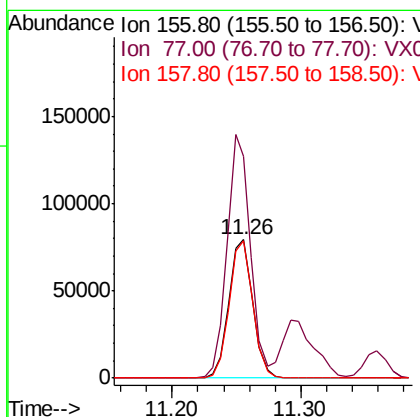
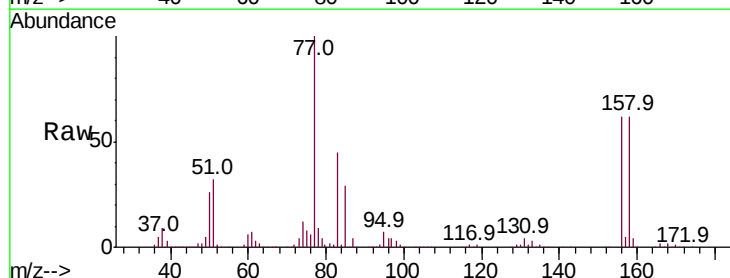
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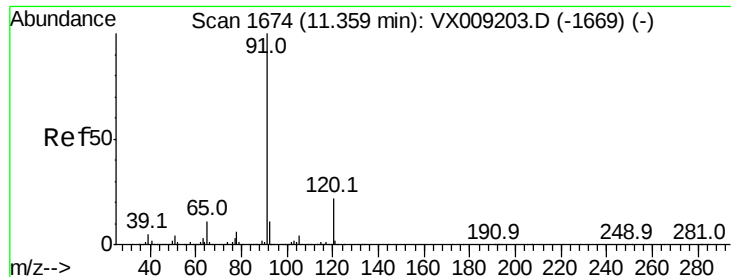
MMDadoda
 5/17/2019 1:21:09 PM



#77
 Bromobenzene
 Concen: 48.421 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Tgt Ion: 156 Resp: 103654
 Ion Ratio Lower Upper
 156 100
 77 171.4 84.8 254.3
 158 97.4 49.1 147.3





#78

n-propylbenzene

Concen: 48.551 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 91 Resp: 478222

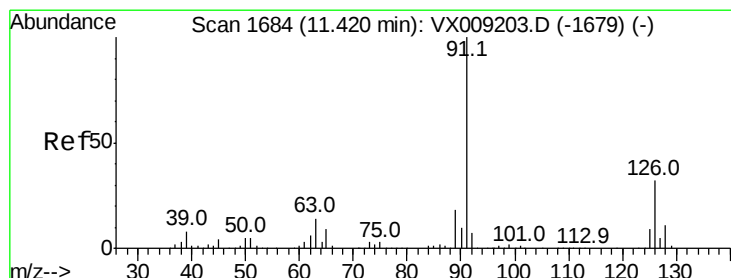
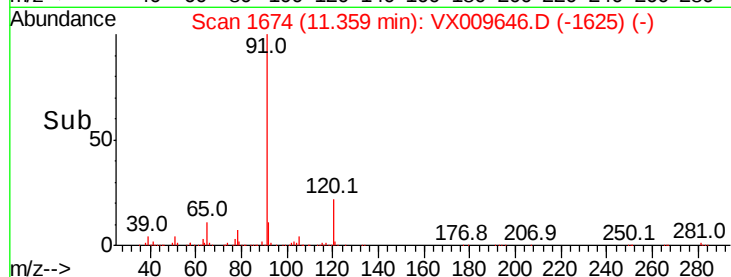
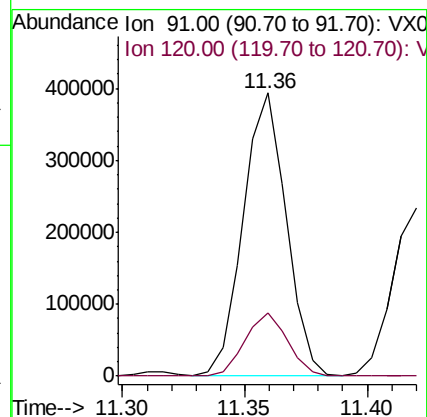
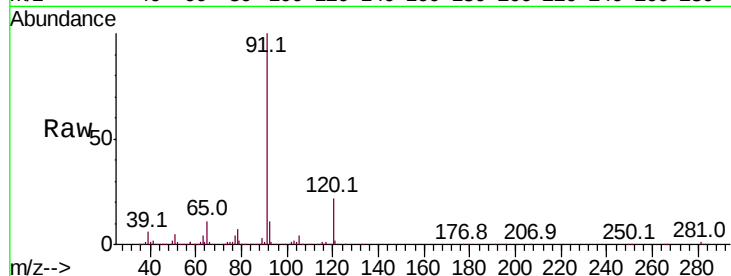
Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

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#79

2-Chlorotoluene

Concen: 47.293 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009646.D

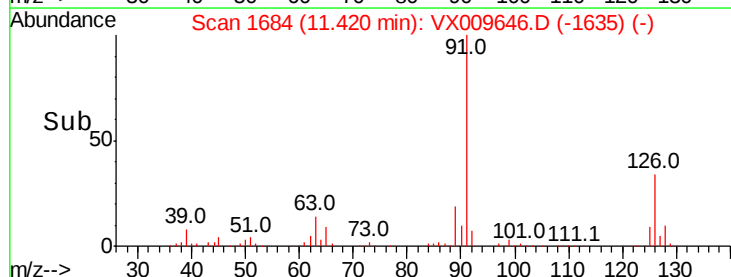
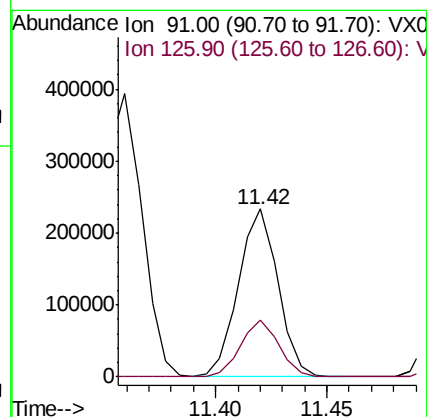
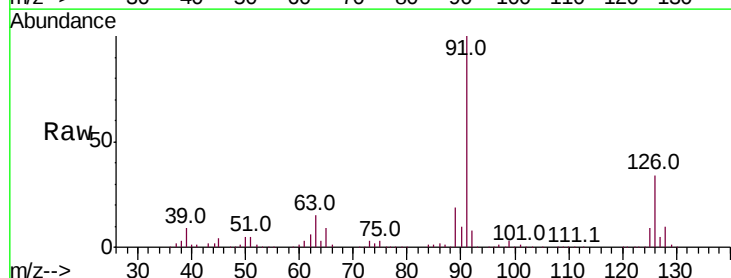
Acq: 17 May 2019 07:10

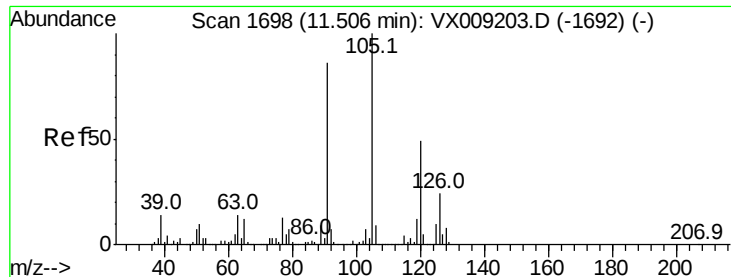
Tgt Ion: 91 Resp: 287393

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9





#80

1,3,5-Trimethylbenzene

Concen: 48.232 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion:105 Resp: 350262

Ion Ratio Lower Upper

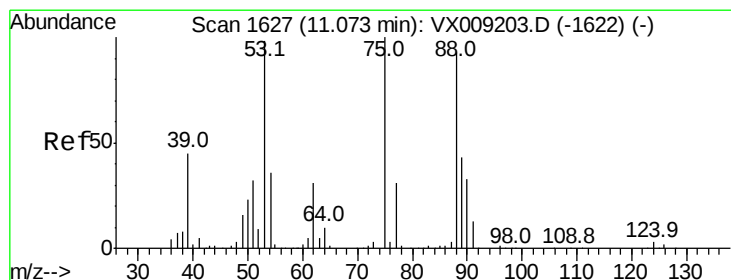
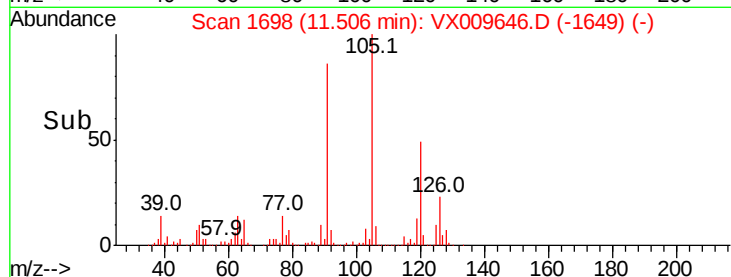
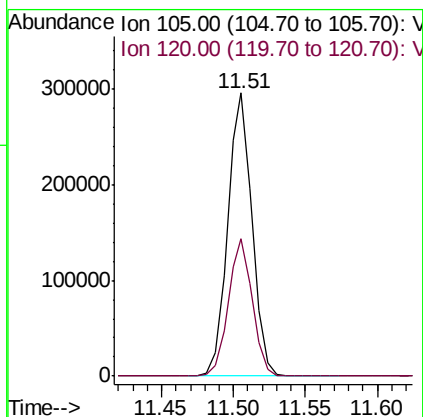
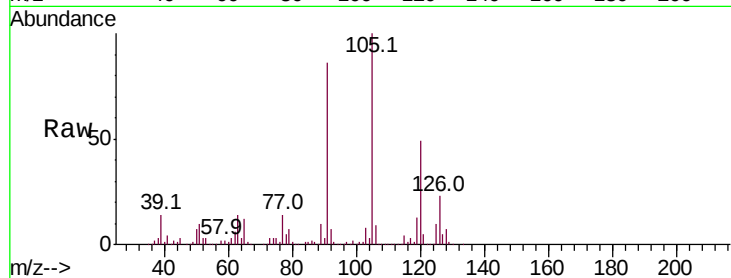
105 100

120 48.1 24.3 72.9

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#81

trans-1,4-Dichloro-2-butene

Concen: 41.086 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

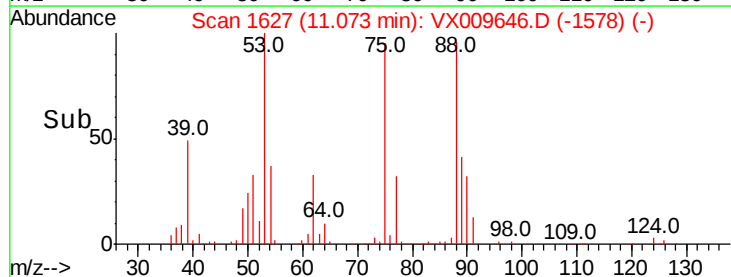
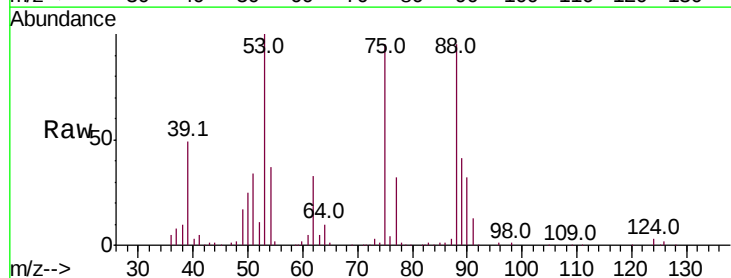
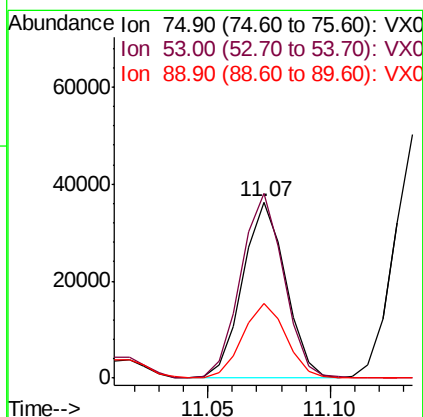
Tgt Ion: 75 Resp: 44178

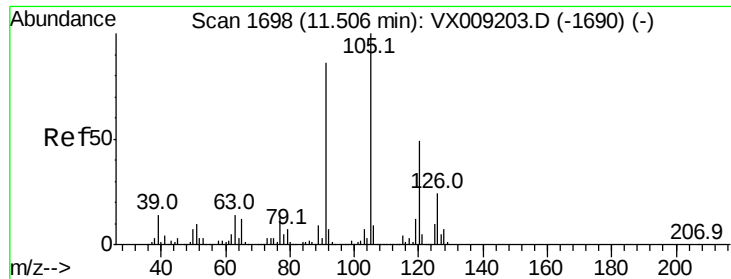
Ion Ratio Lower Upper

75 100

53 104.9 79.0 118.6

89 43.1 34.7 52.1





#82

4-Chlorotoluene

Concen: 48.286 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MSD

Tot Ion: 91 Resp: 331493

Ion Ratio Lower Upper

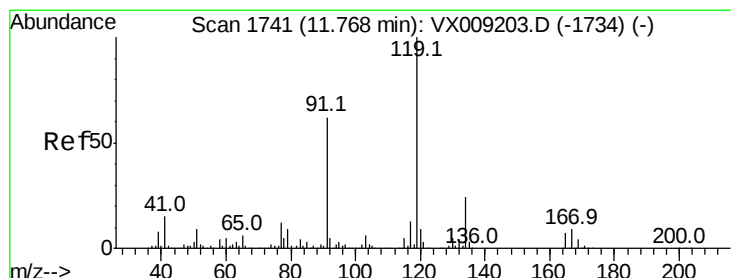
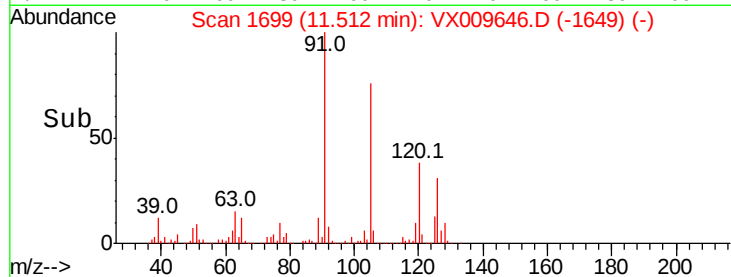
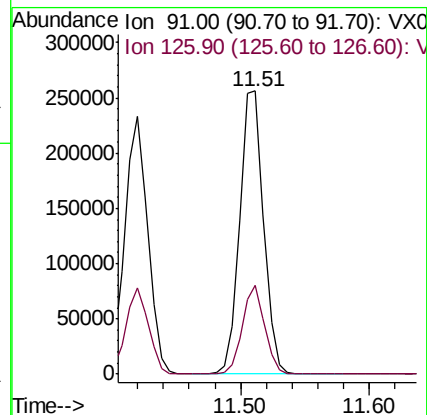
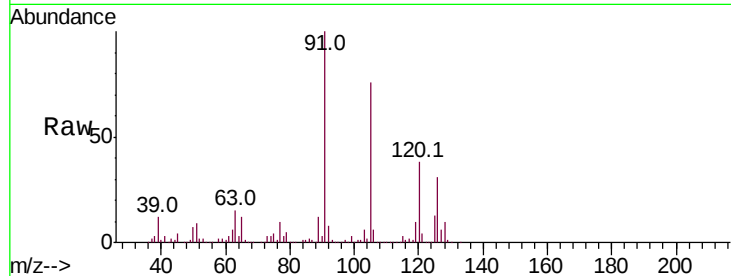
91 100

126 29.1 14.5 43.6

Manual Integrations
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#83

tert-Butylbenzene

Concen: 48.367 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009646.D

Acq: 17 May 2019 07:10

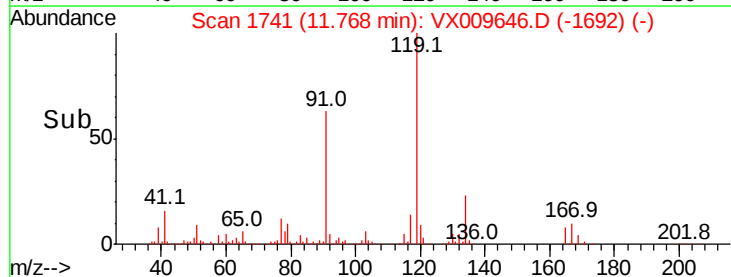
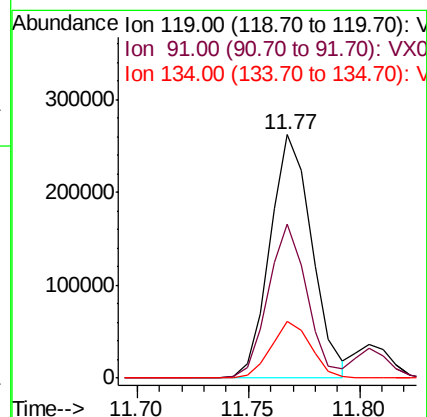
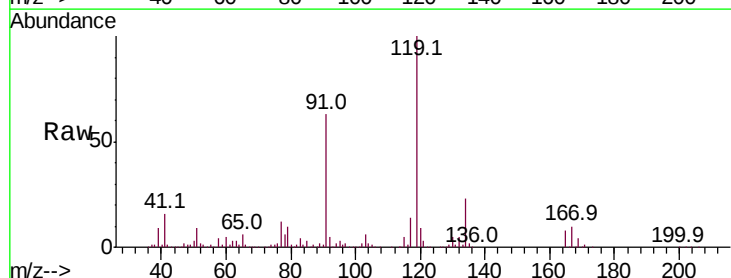
Tgt Ion: 119 Resp: 341689

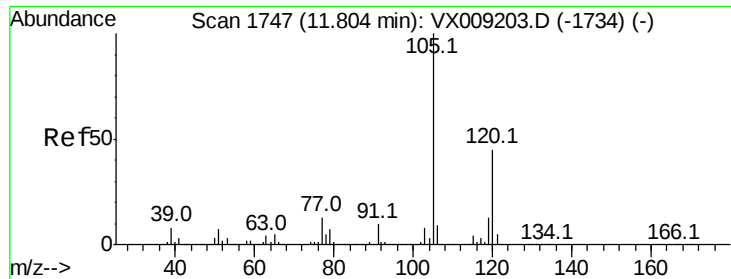
Ion Ratio Lower Upper

119 100

91 59.0 29.5 88.5

134 22.2 11.4 34.1





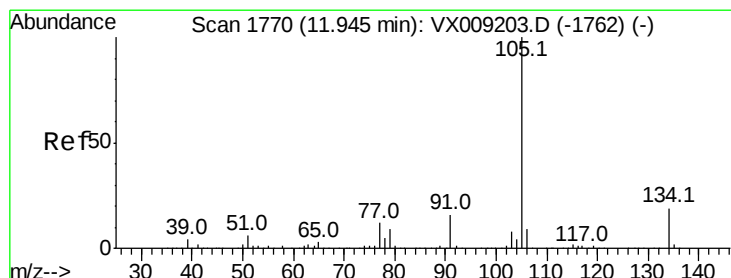
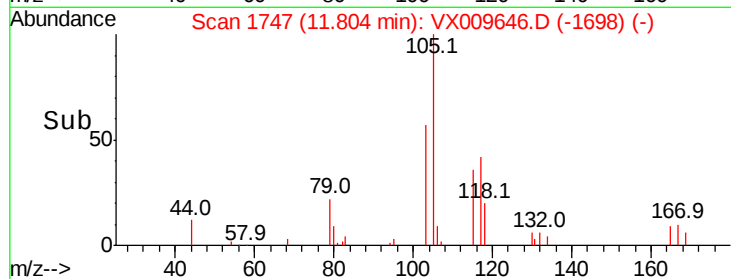
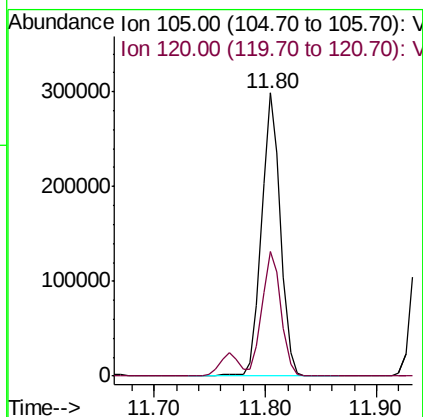
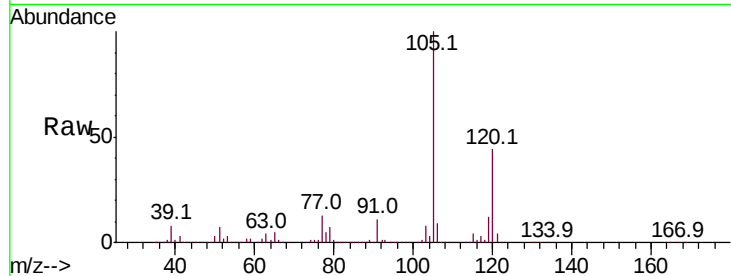
#84
 1,2,4-Trimethylbenzene
 Concen: 48.674 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MSD

Tot Ion:105 Resp: 354797
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.0 66.0

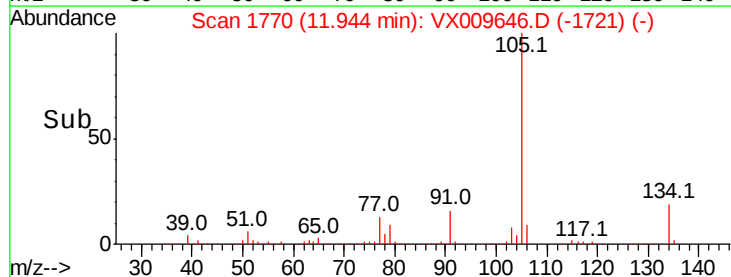
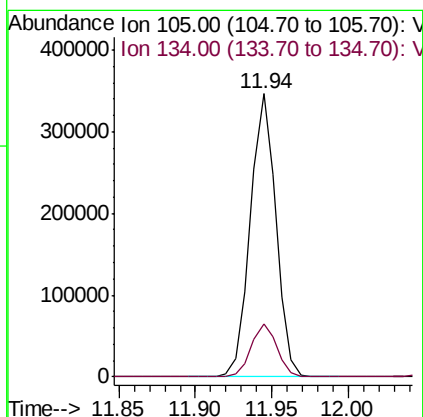
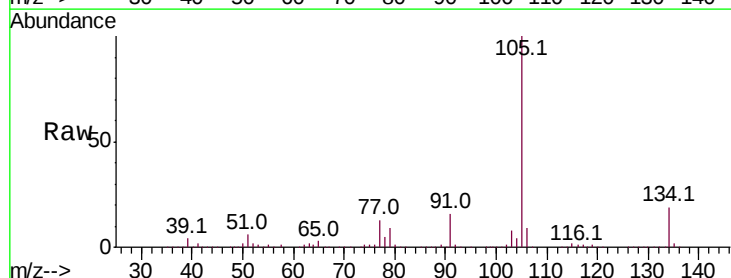
Manual Integrations
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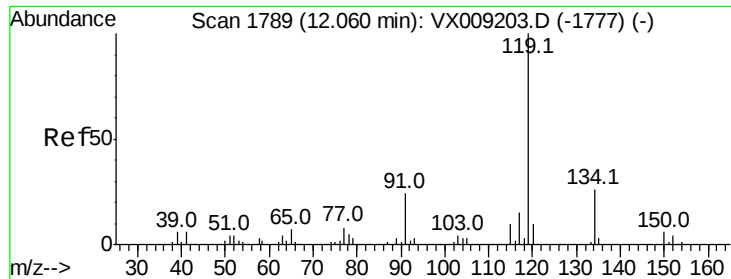
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#85
 sec-Butylbenzene
 Concen: 48.124 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Tgt Ion:105 Resp: 403065
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 28.9





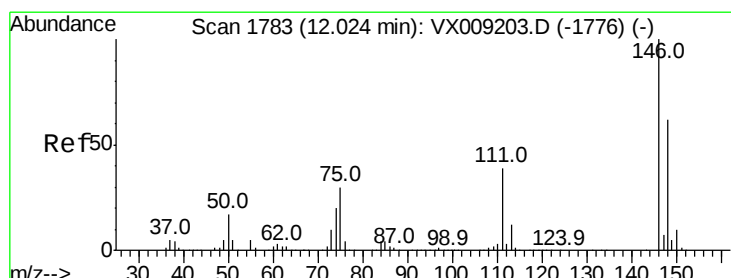
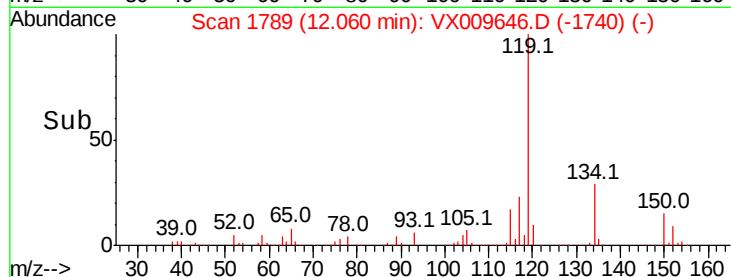
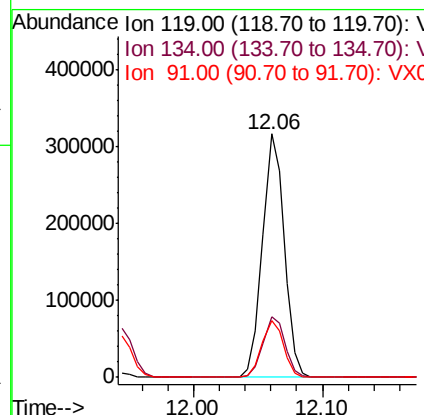
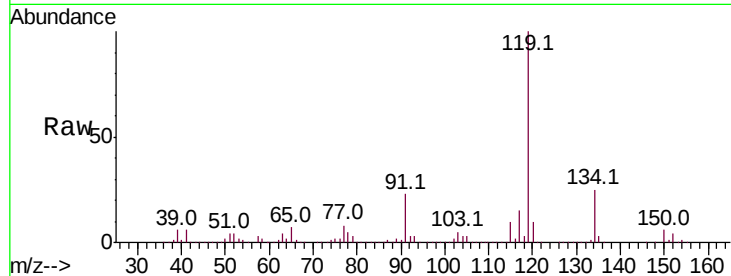
#86
 p-Isopropyltoluene
 Concen: 48.721 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	366848		
134	25.3	12.9	38.7	
91	23.5	11.8	35.4	

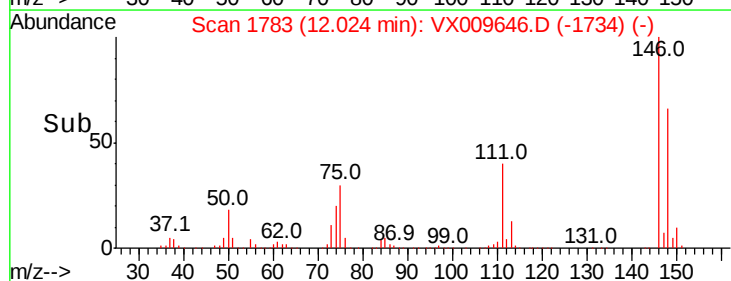
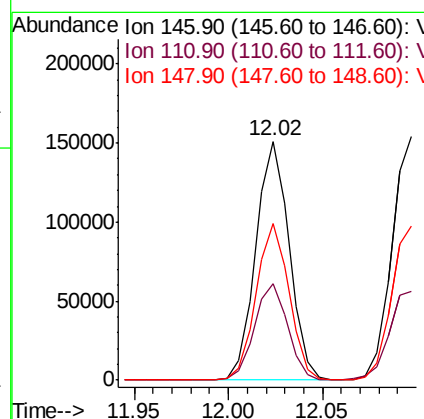
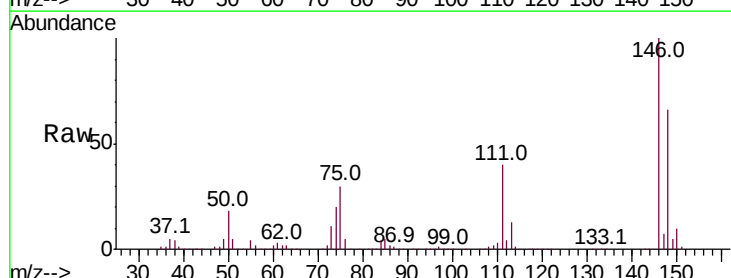
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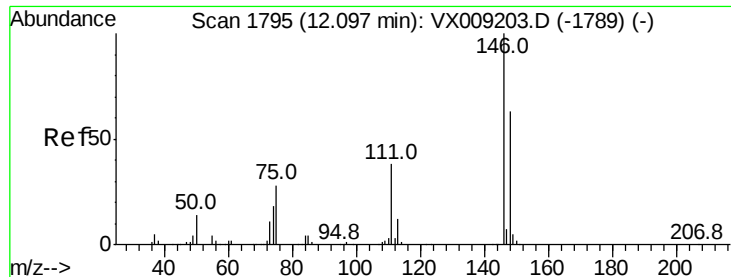
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 5/17/2019 1:21:09 PM



#87
 1,3-Dichlorobenzene
 Concen: 48.547 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	185264		
111	40.3	20.0	59.9	
148	64.7	31.8	95.3	





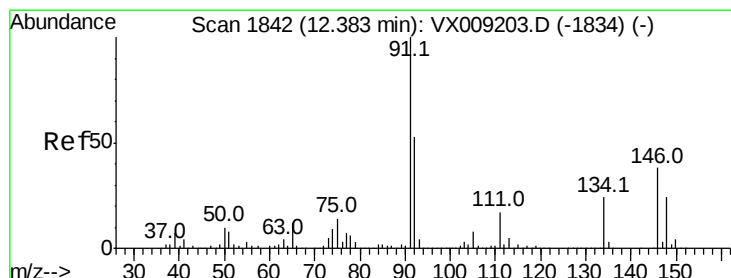
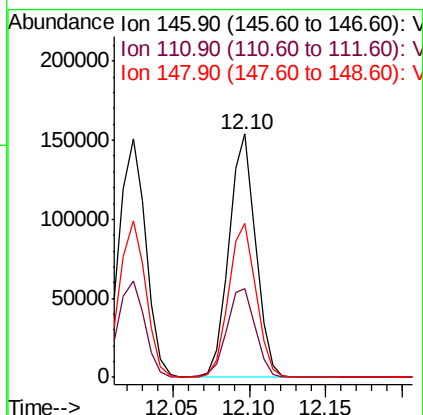
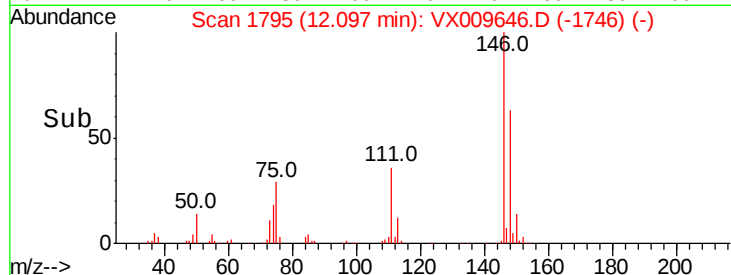
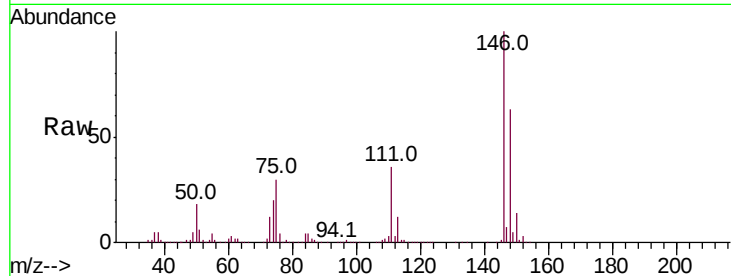
#88
1,4-Dichlorobenzene
Concen: 48.379 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.8
148	64.9	31.8	95.3

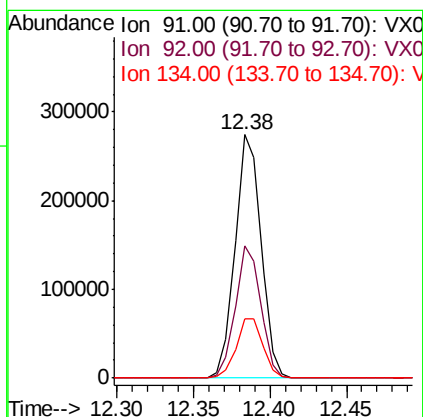
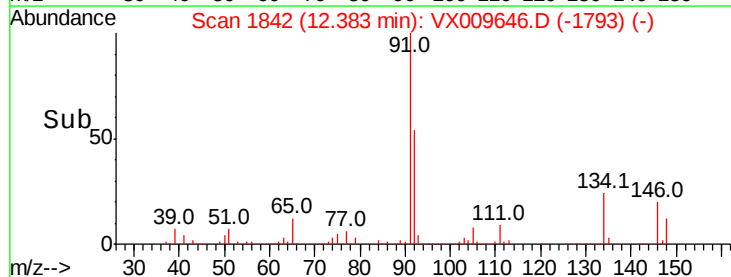
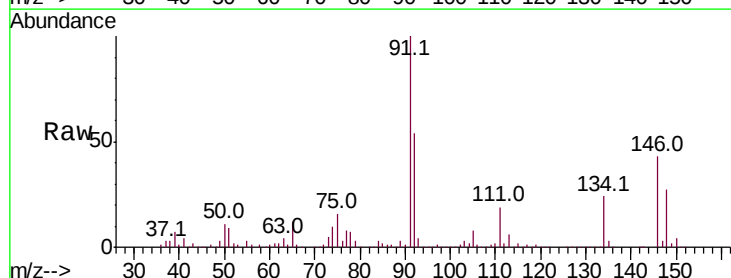
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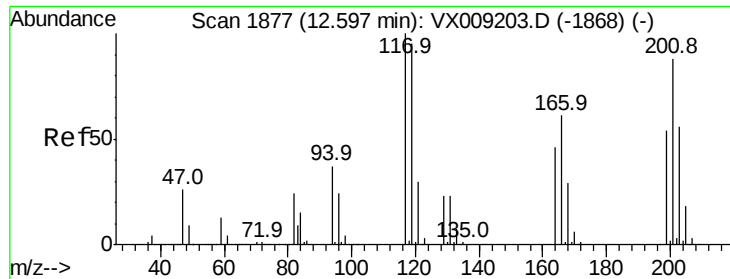
MMDadoda
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#89
n-Butylbenzene
Concen: 47.415 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	25.1	12.4	37.2





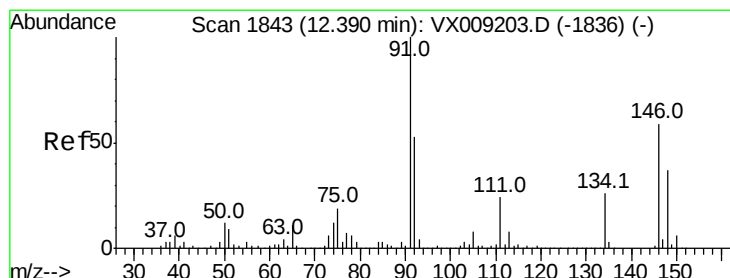
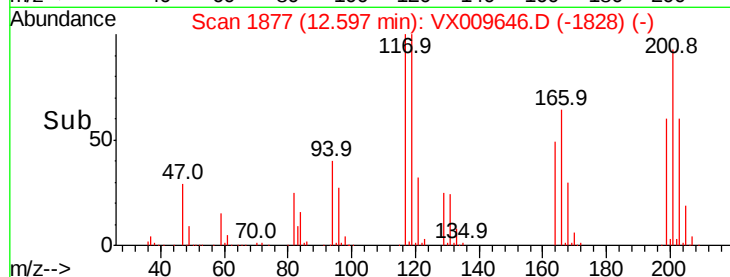
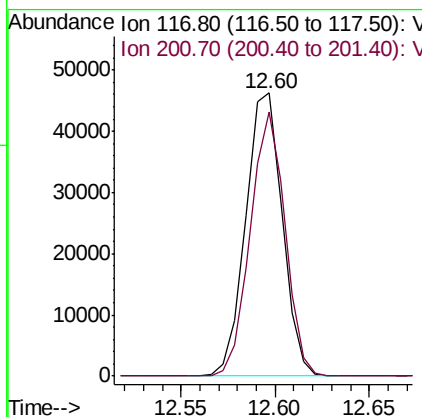
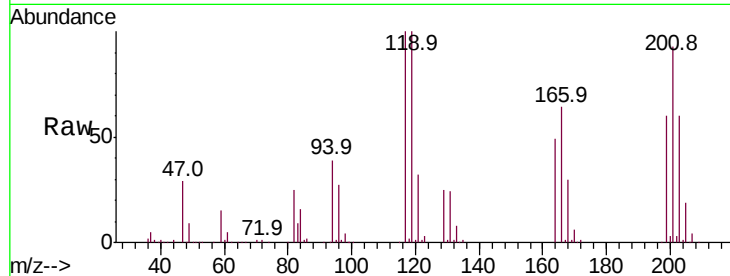
#90
Hexachloroethane
Concen: 48.655 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

Tot Ion:117 Resp: 62414
Ion Ratio Lower Upper
117 100
201 88.2 42.3 126.9

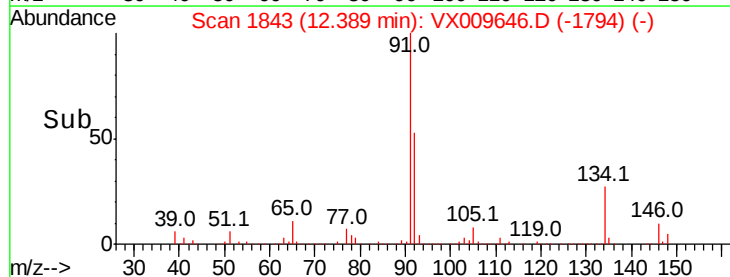
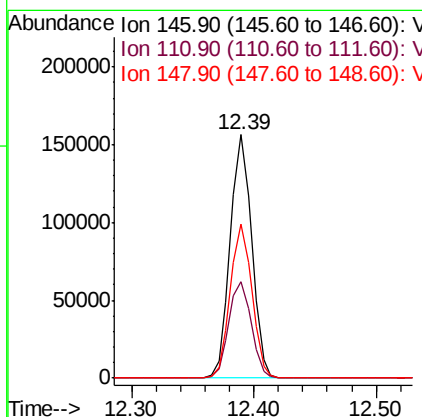
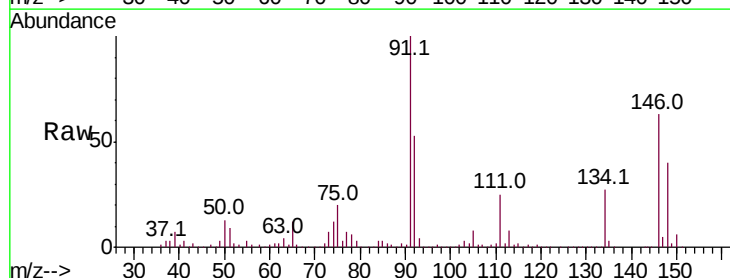
Manual Integrations
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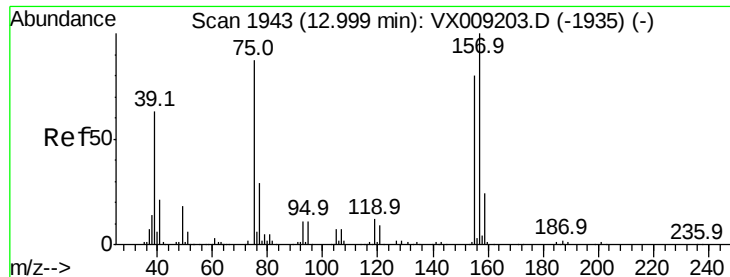
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#91
1,2-Dichlorobenzene
Concen: 48.797 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion:146 Resp: 189671
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.4
148 63.6 31.9 95.9





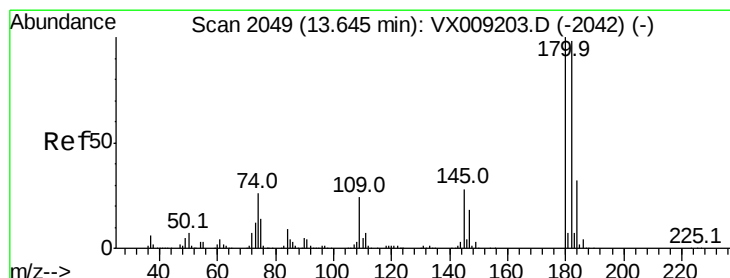
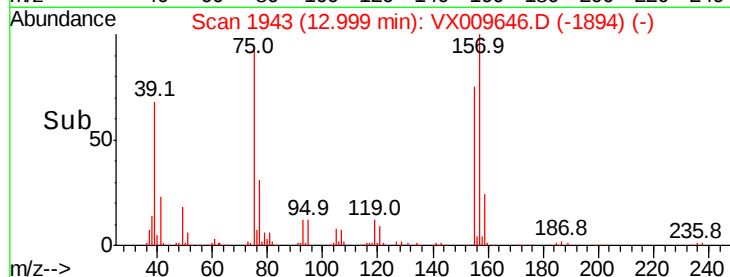
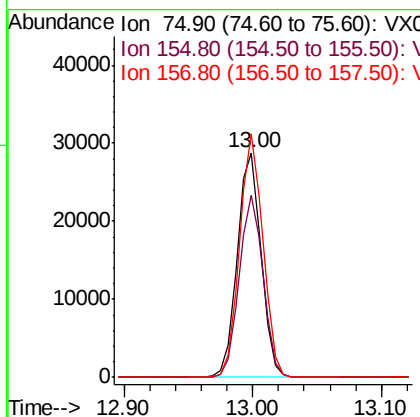
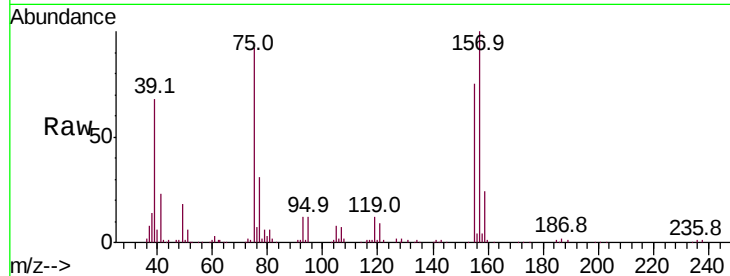
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.229 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MSD

Tot Ion: 75 Resp: 36949
 Ion Ratio Lower Upper
 75 100
 155 80.5 42.0 126.0
 157 105.8 53.2 159.6

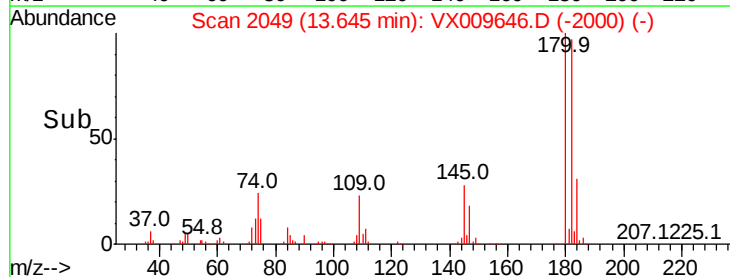
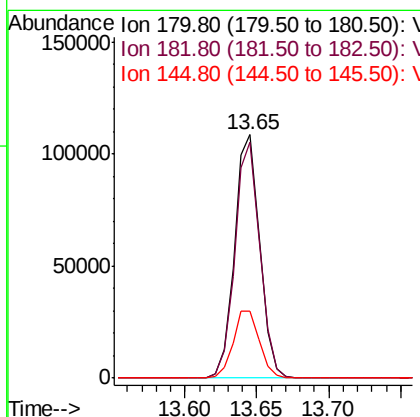
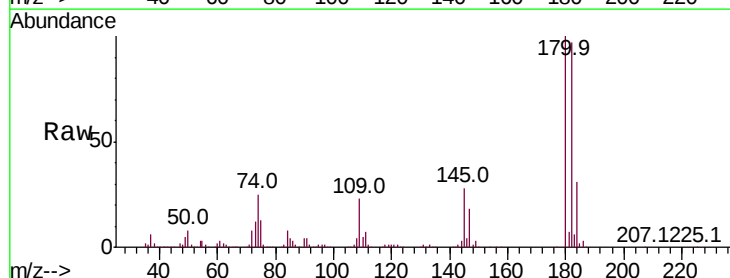
Manual Integrations
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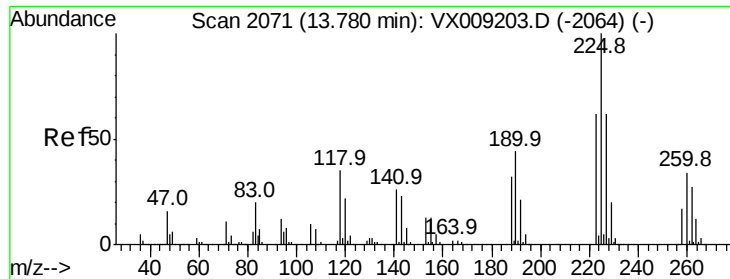
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 5/17/2019 1:21:09 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 49.914 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Tgt Ion: 180 Resp: 132672
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.4 145.2
 145 29.1 14.6 43.8





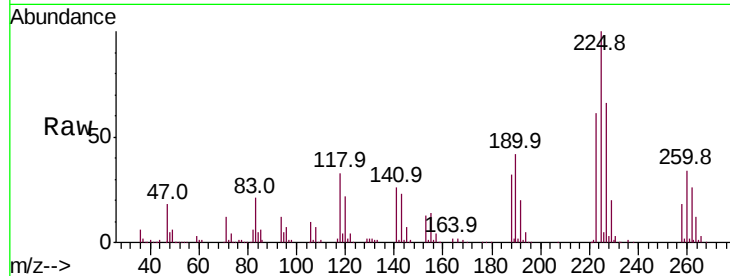
#94
Hexachlorobutadiene
Concen: 47.325 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MSD

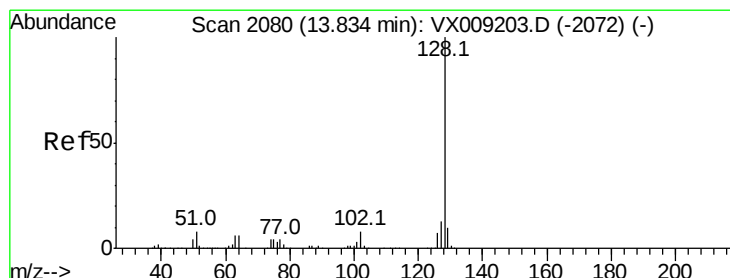
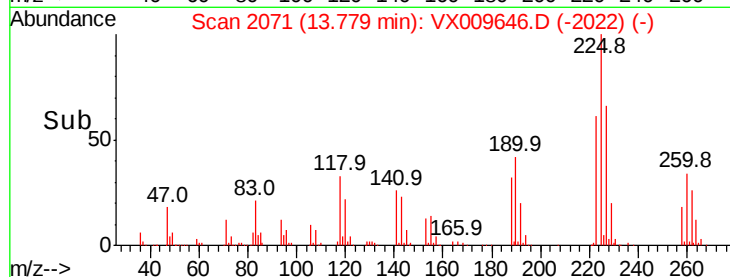
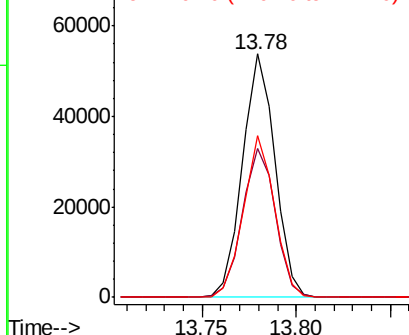
Tot Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.3	93.8
227	63.9	31.8	95.3

Manual Integrations
APPROVED

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5/17/2019 1:21:09 PM

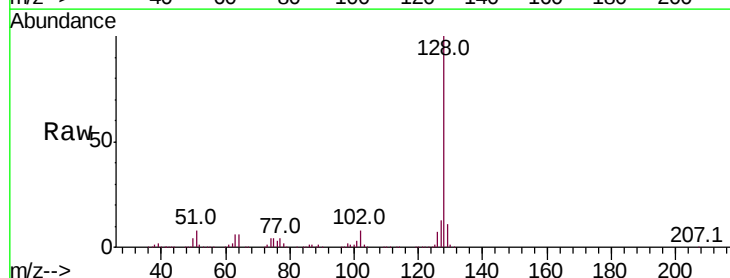


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

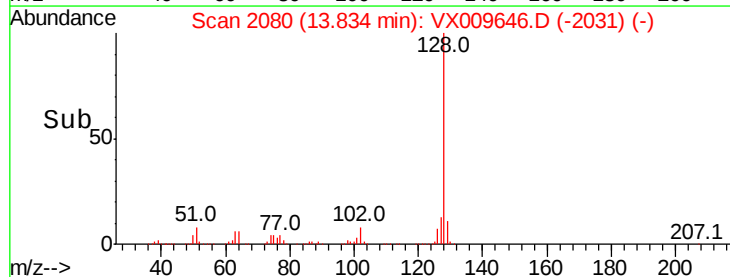
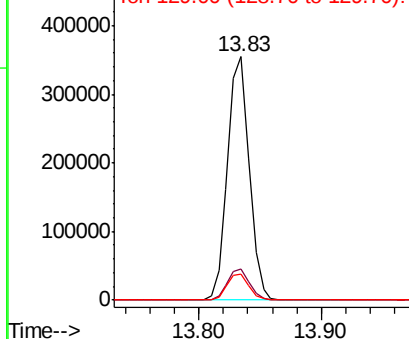


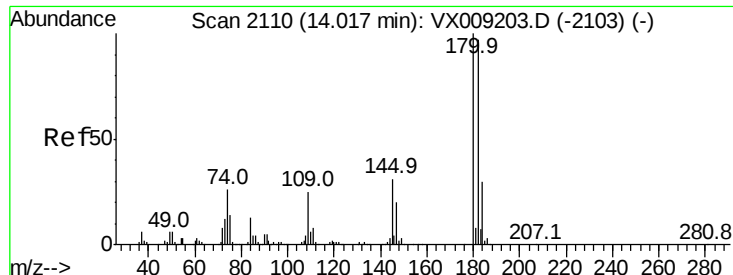
#95
Naphthalene
Concen: 50.252 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009646.D
Acq: 17 May 2019 07:10

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 49.940 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009646.D
 Acq: 17 May 2019 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MSD

Tot Ion:	180	Resp:	134556
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.8	143.4
145	30.6	15.4	46.4

Manual Integrations
 APPROVED

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